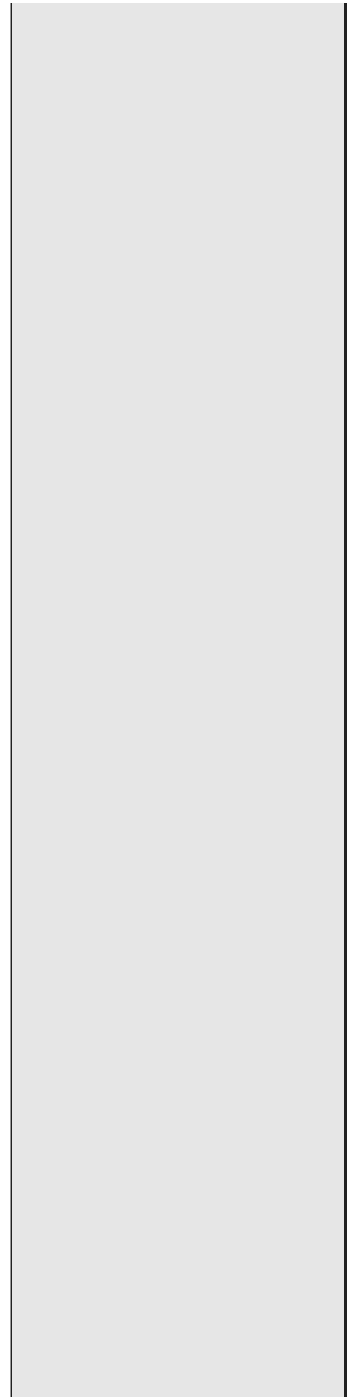
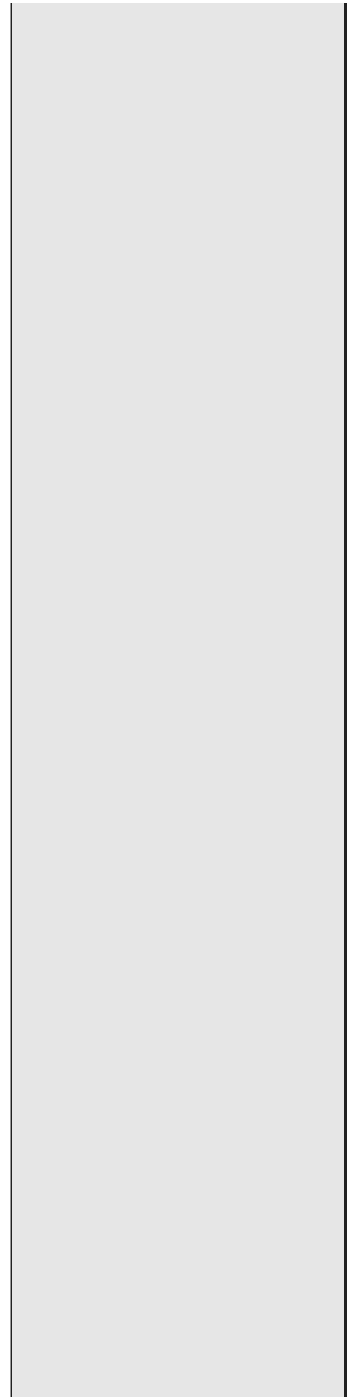


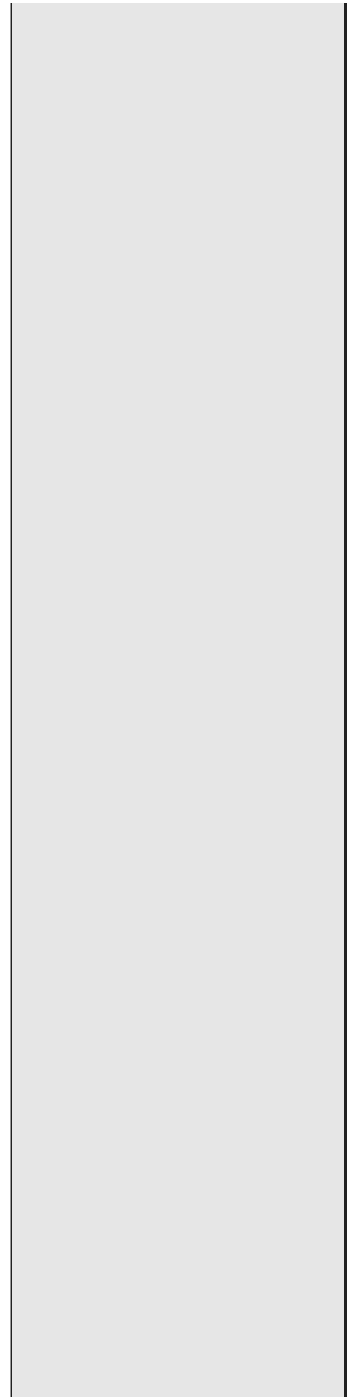
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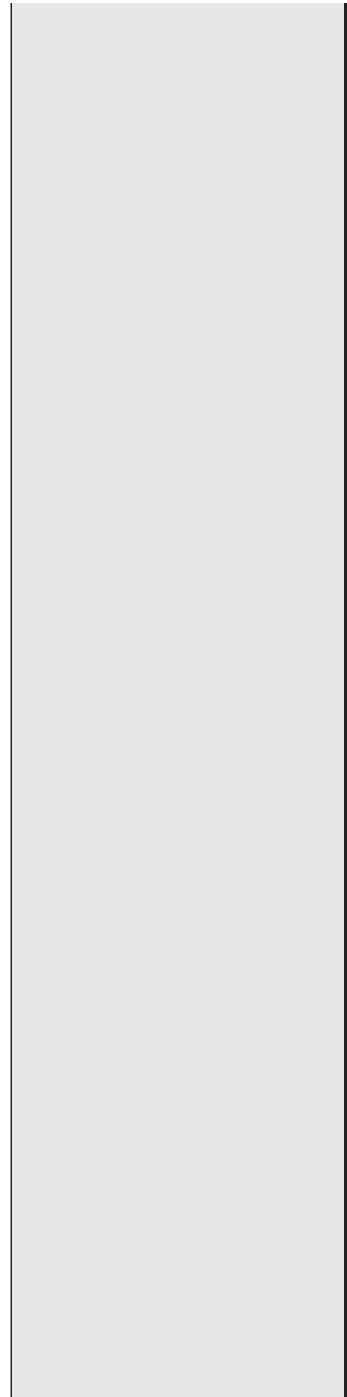
Diploma in Engineering Technology (Electromechanical)
Faculty of EDICT (Engineering,Design and ICT)

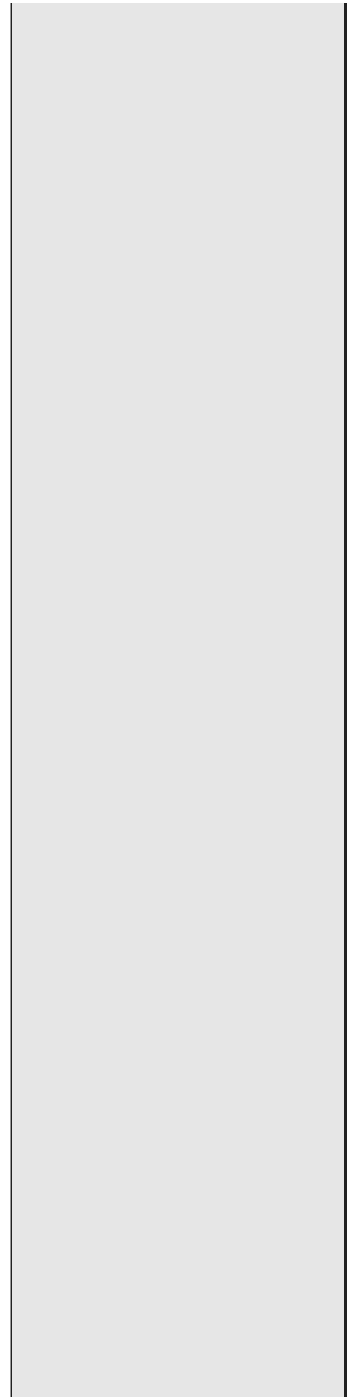
Programme Title (Arabic)		(ةيفكفناكةفجورلكلا قسدنللا صصخت) قسدنللا ةفنقت يف دولبدلا											
Acronym / Abbreviation *		DipEngTech (Electromechanical)											
Nature		Embedded Qualification											
Programme Code		ENT6050	Programme Duration		2 Year/Cycle	Programme Level		Level 6					
Programme Credits		240	Award Category		Diploma								
Effective From		2023/2024 Sem 1											
Owner		School of Engineering											
Professional Body													
Professional Body		Recognition Status		Effective From		Interim Date		Professional Bodies		Contact Person		Evidence	
Employability Skills		Yes		04/01/2021									
Target Groups *													
High School Graduates													
International Students													
People in Employment													
Unemployed													
		Awarded where candidates have met all of the requirements below: Successful completion of, or exemption from, all courses listed in Schedule A group of courses. Completion of work experience. Completion of National Requirements.											

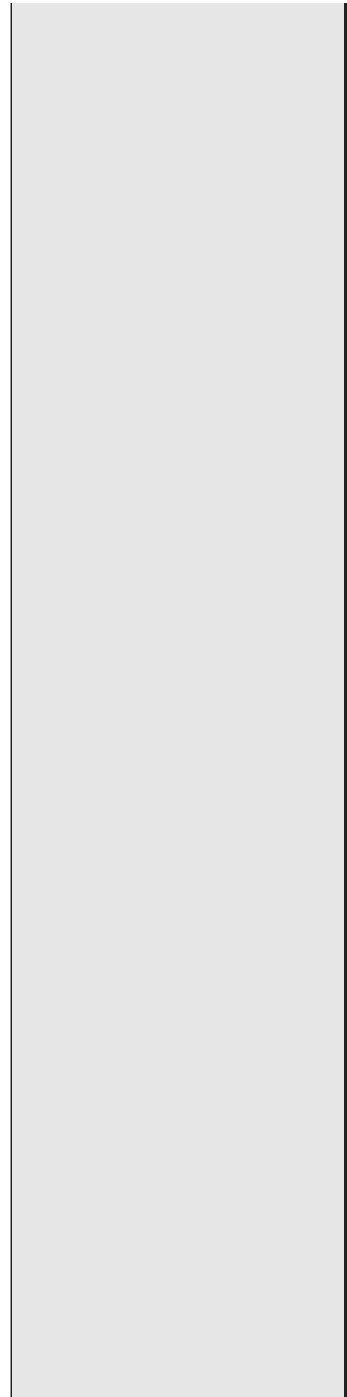


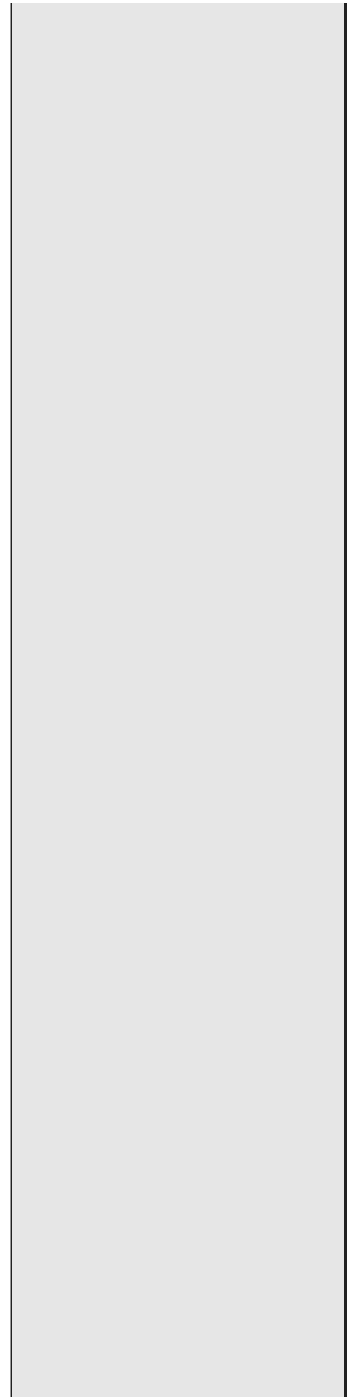


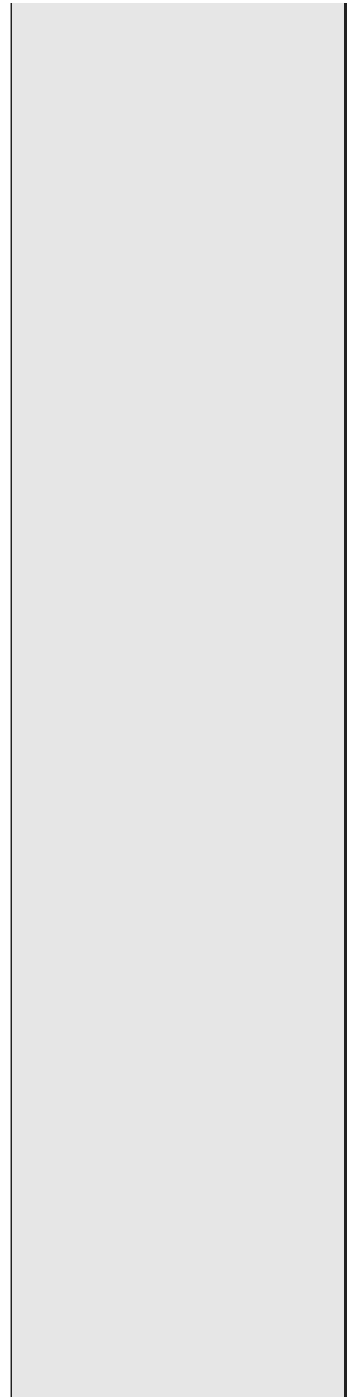


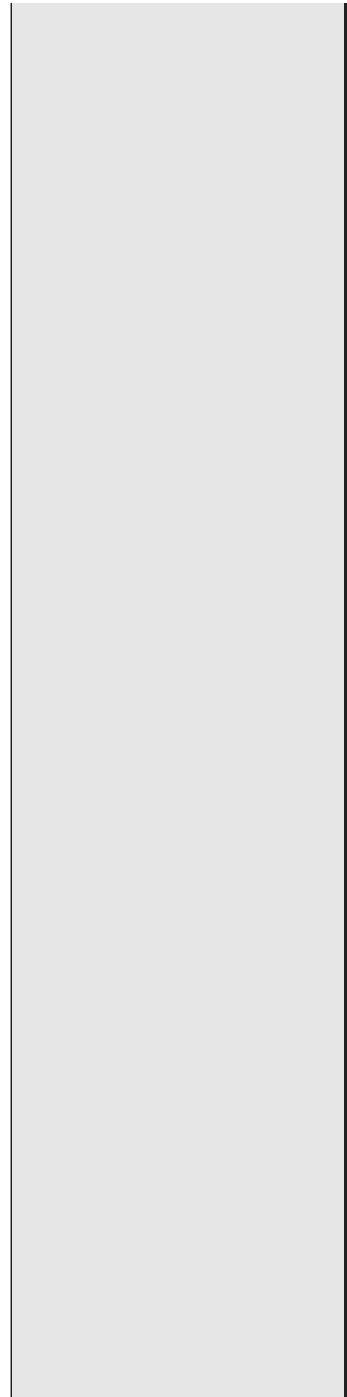


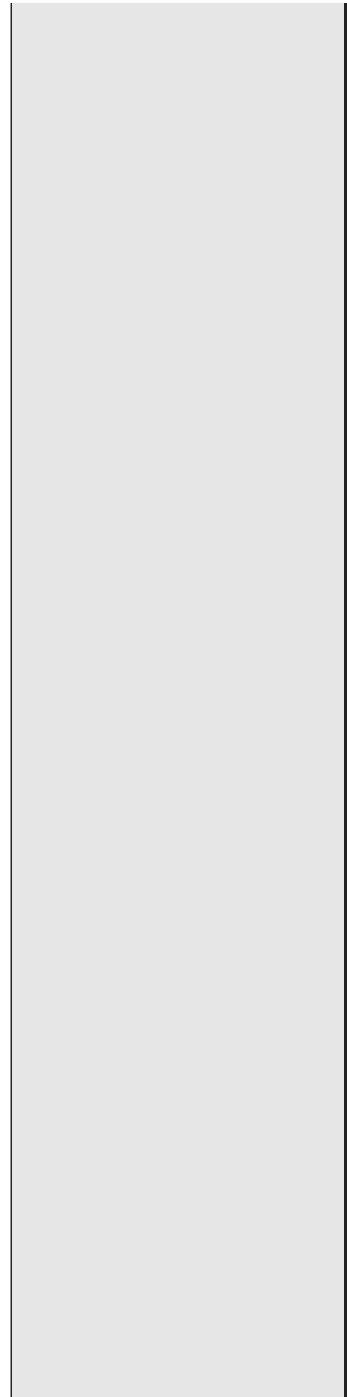


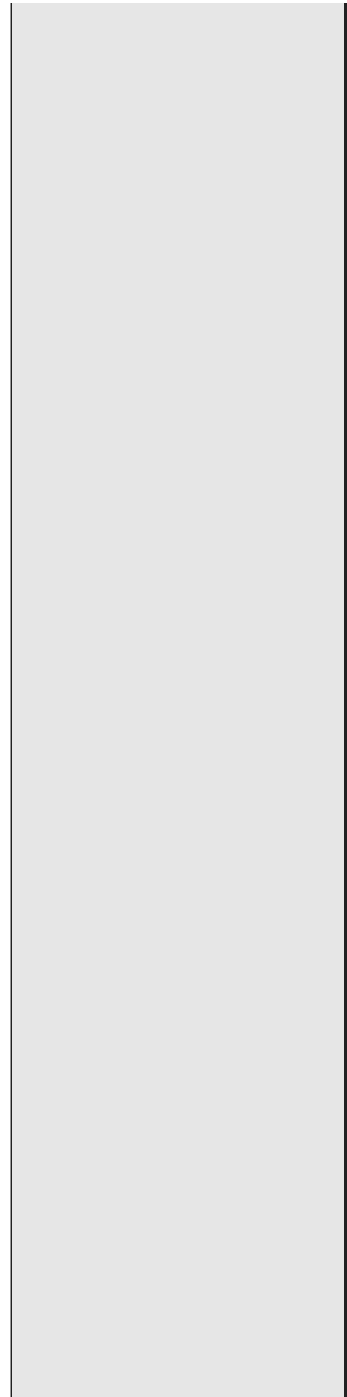


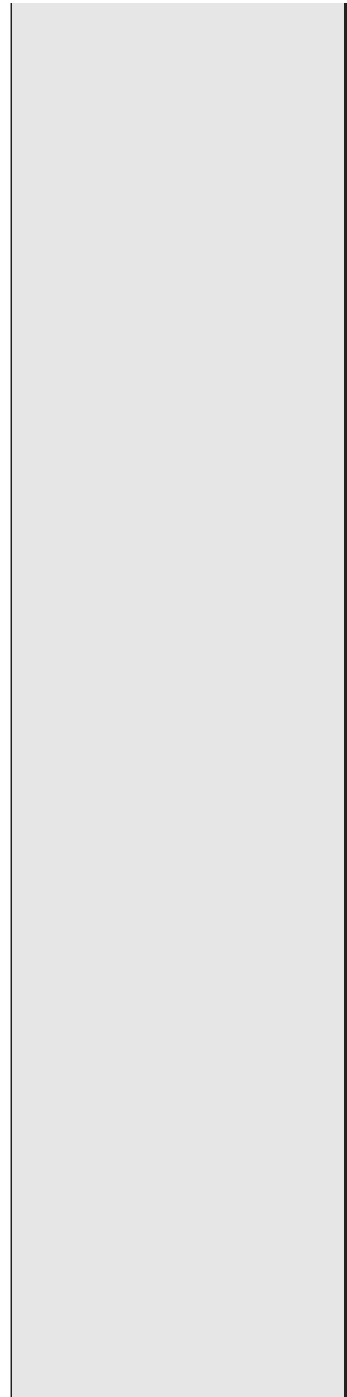


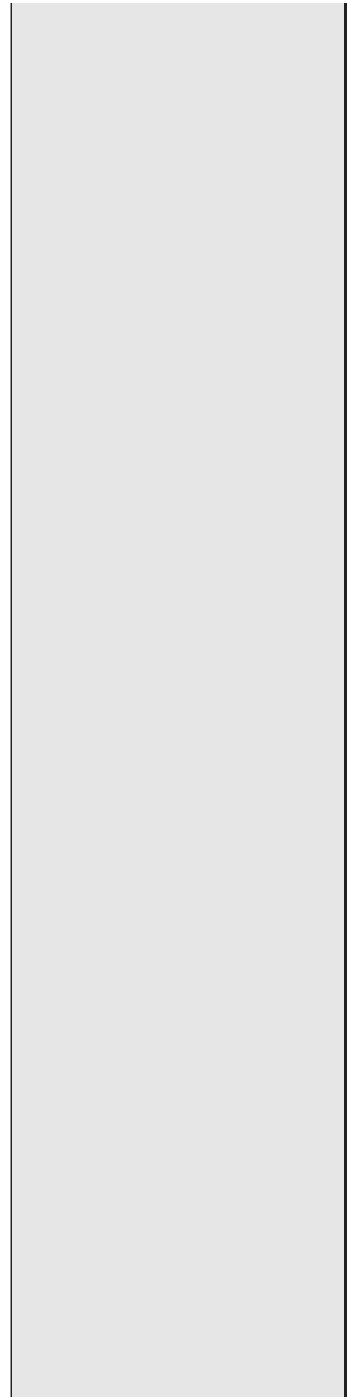


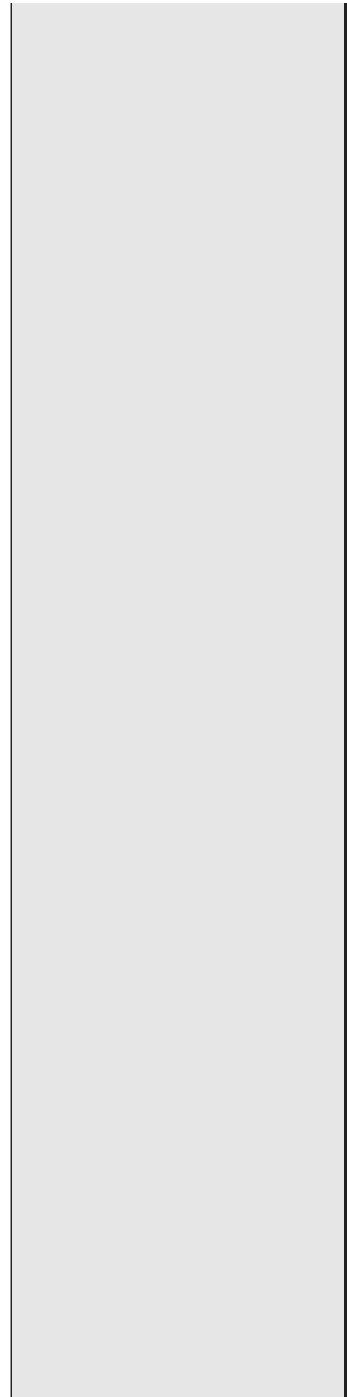


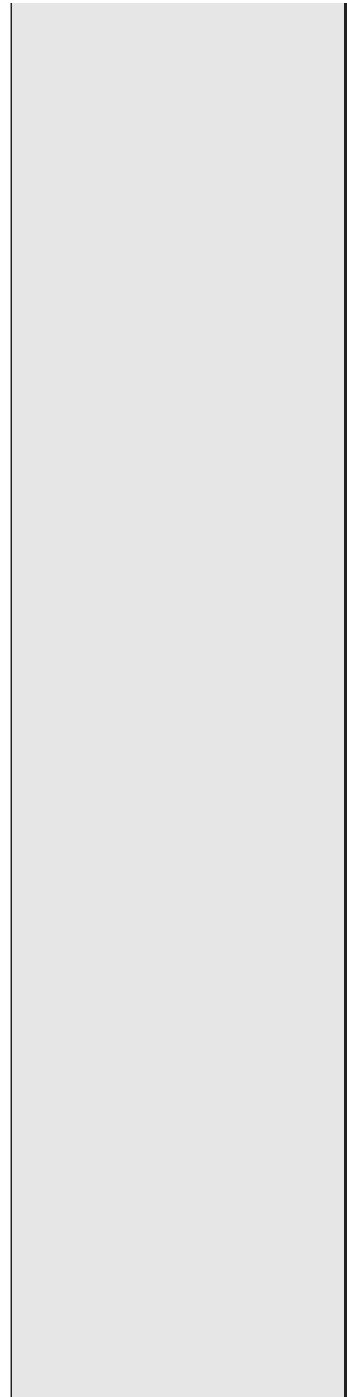


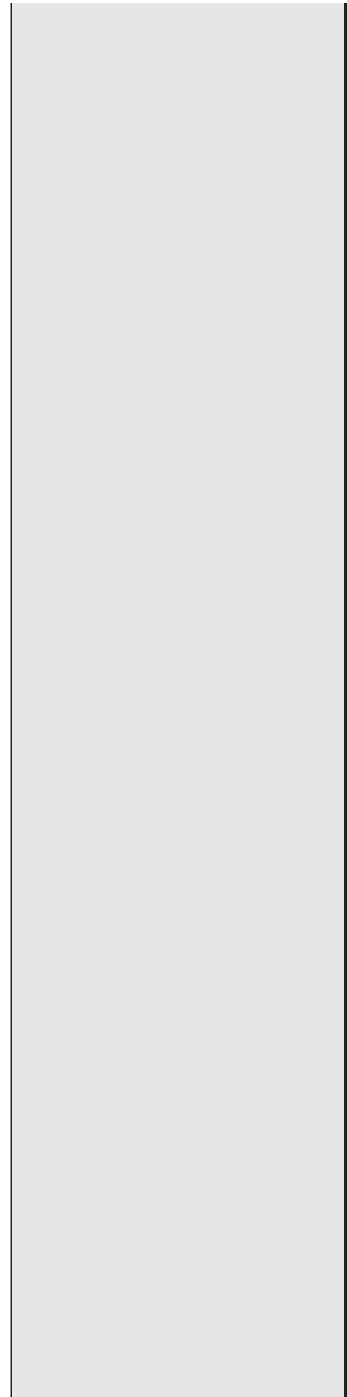


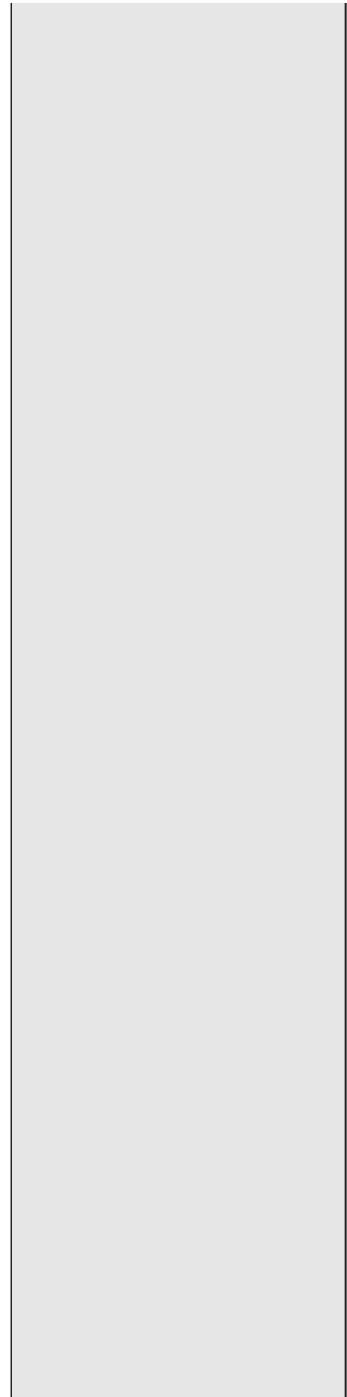


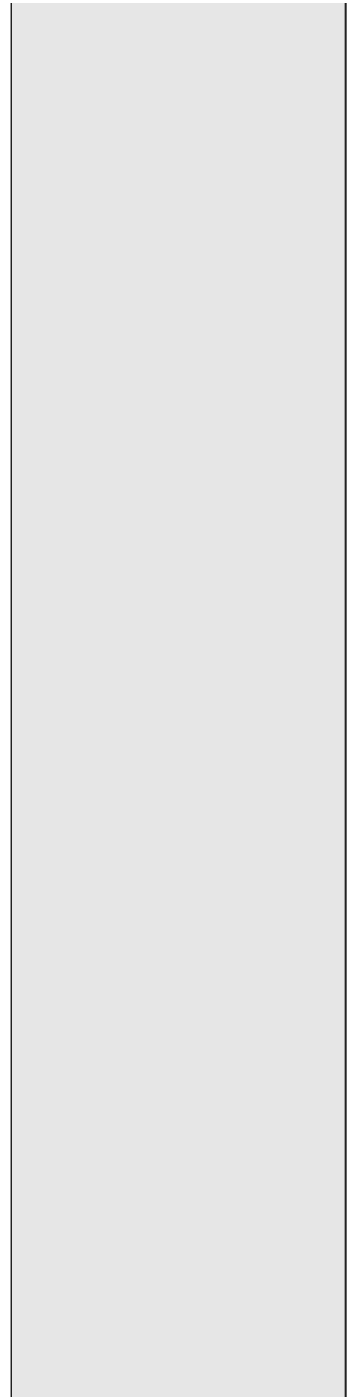


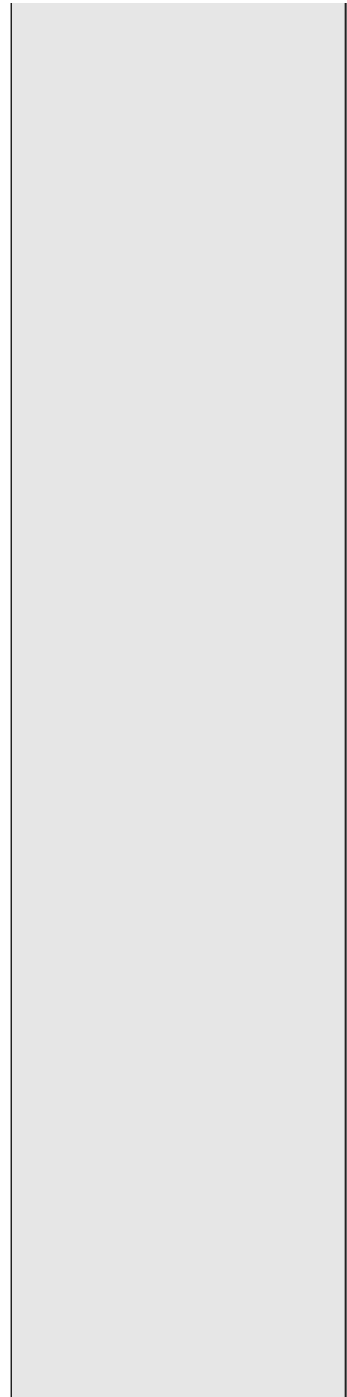


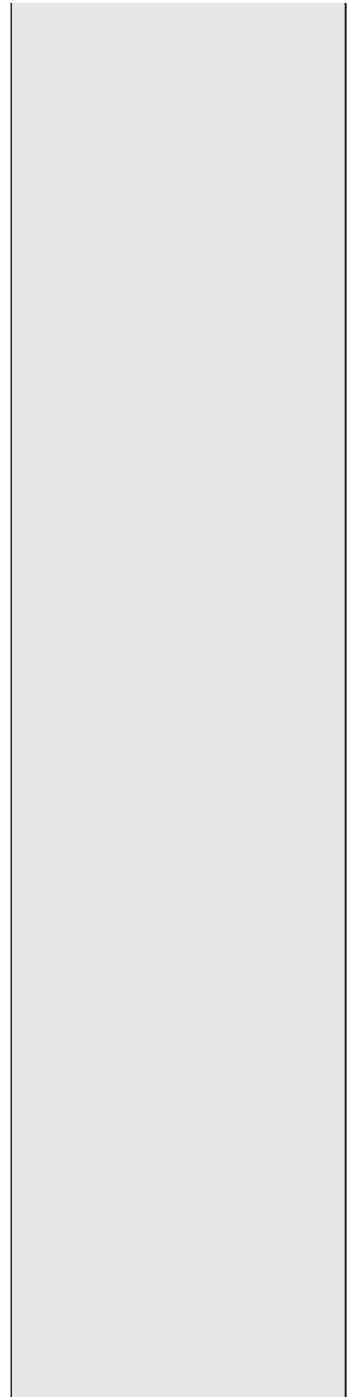


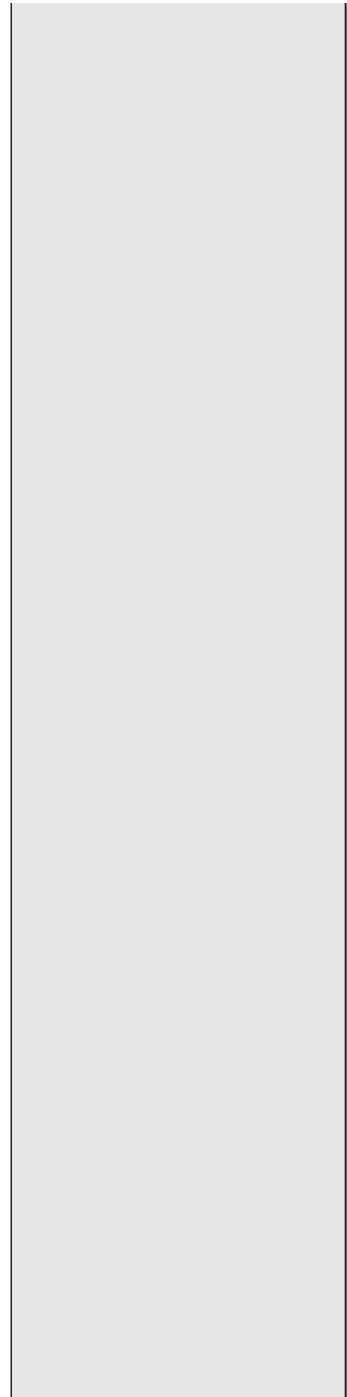


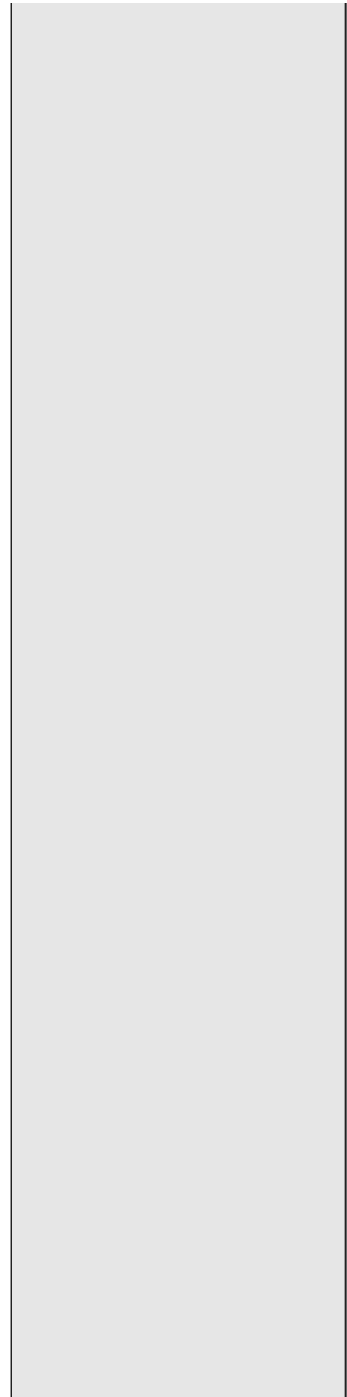


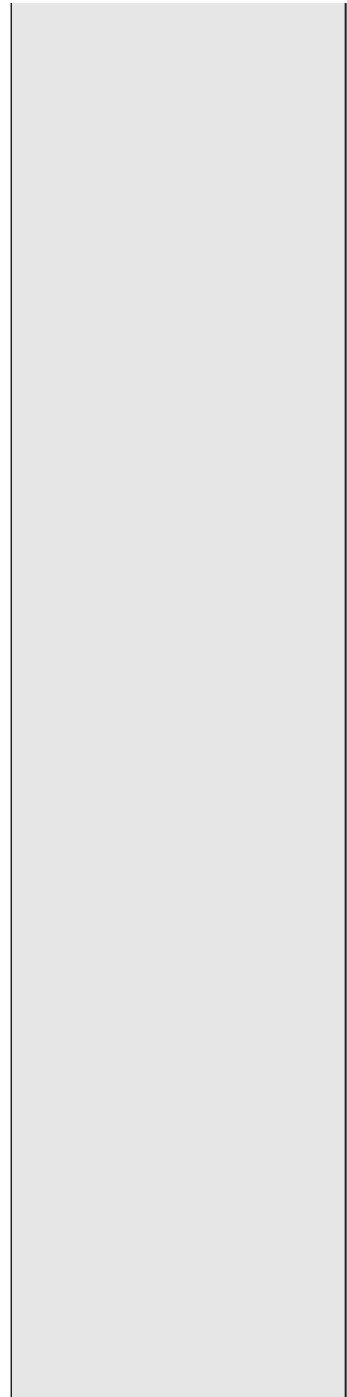


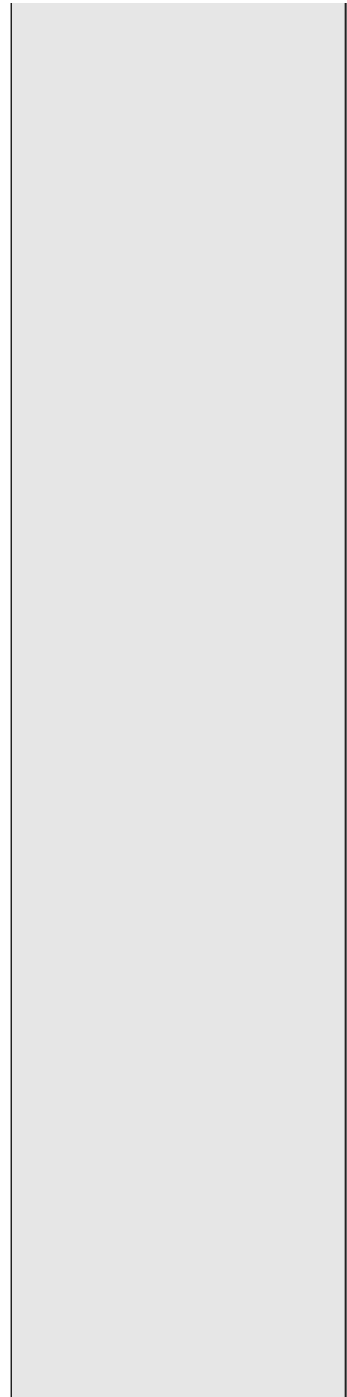


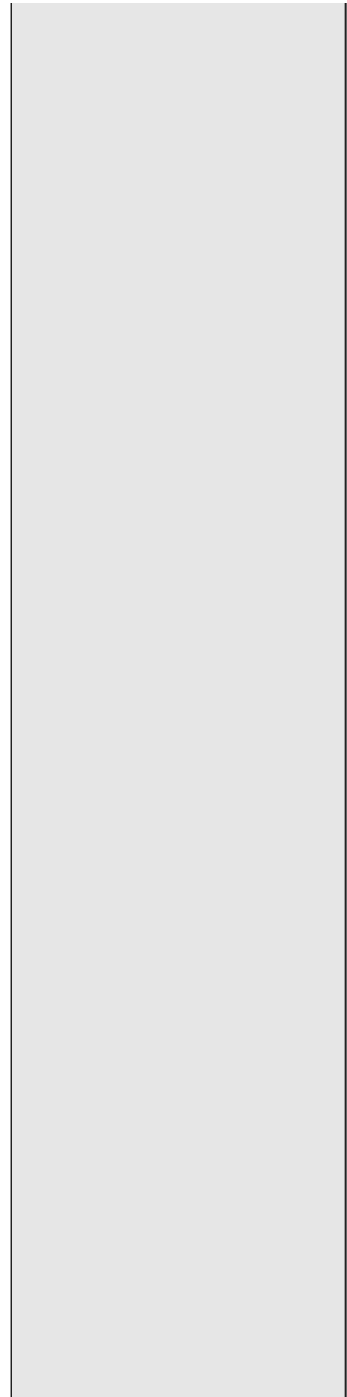


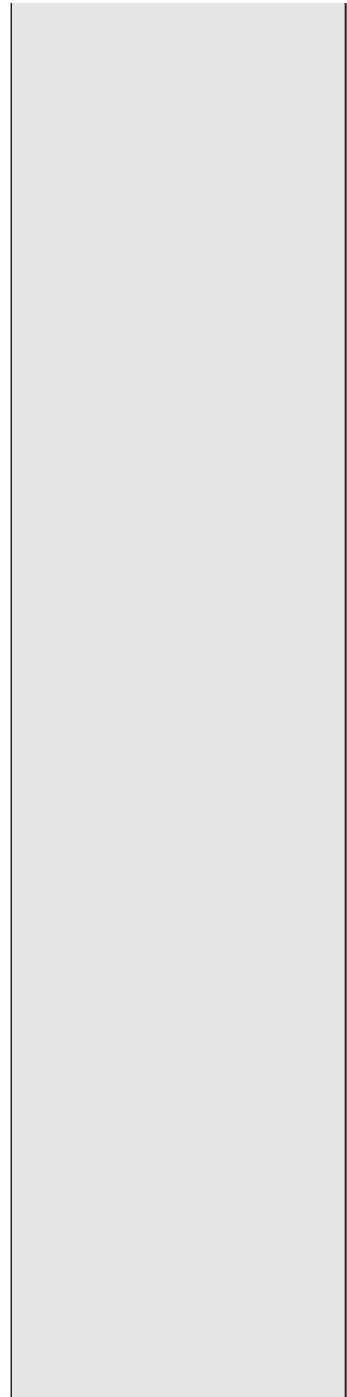


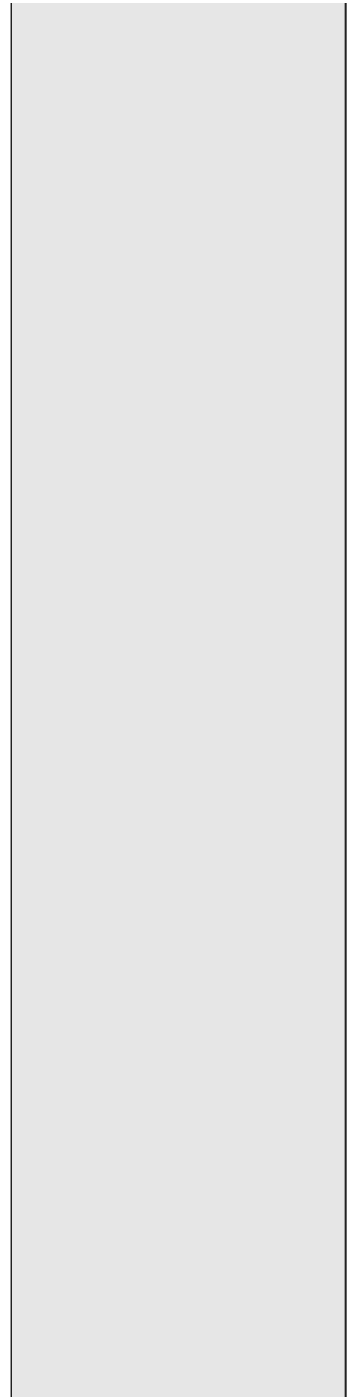


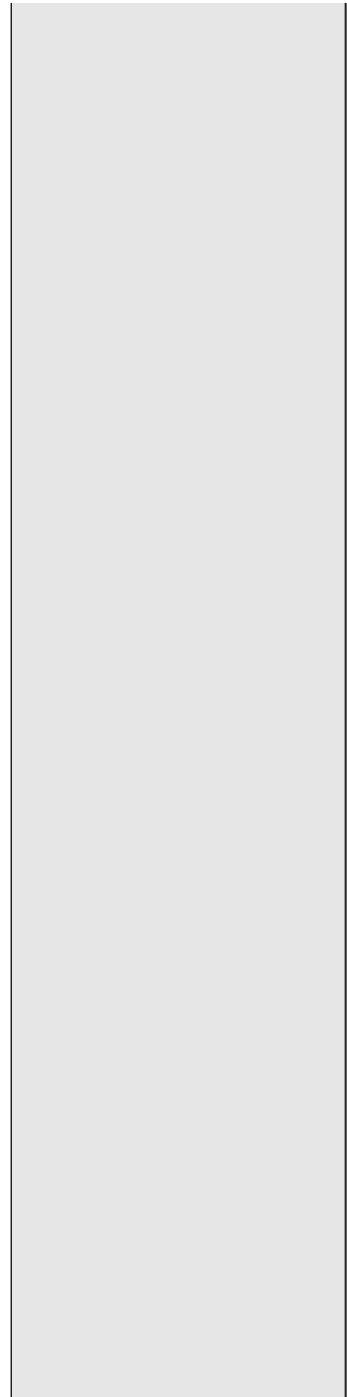


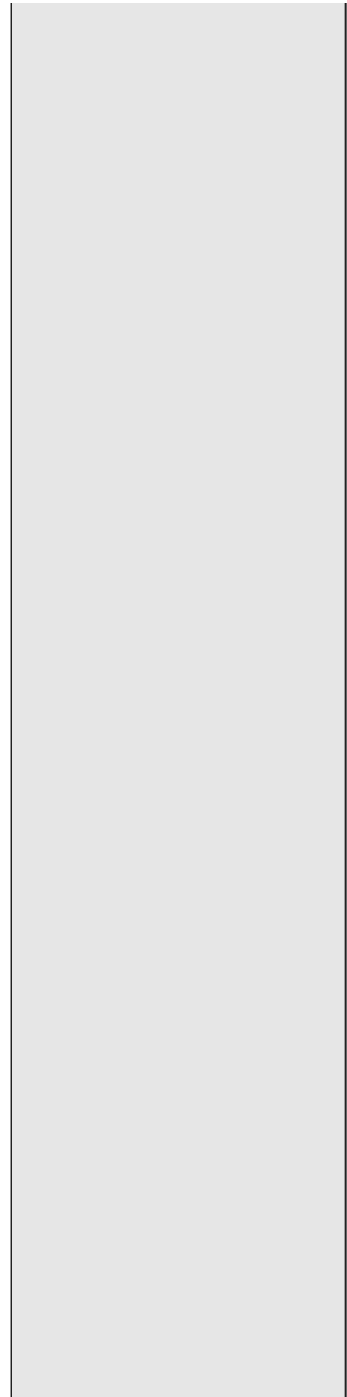


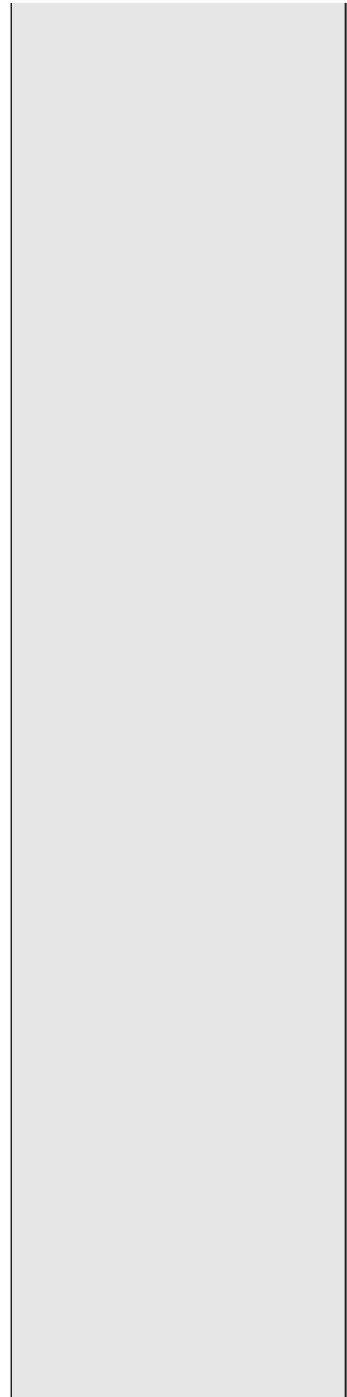


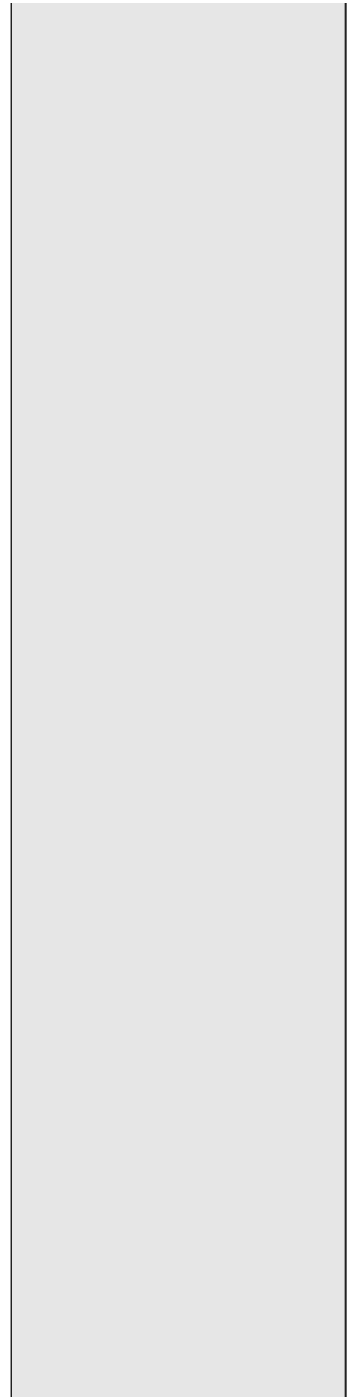


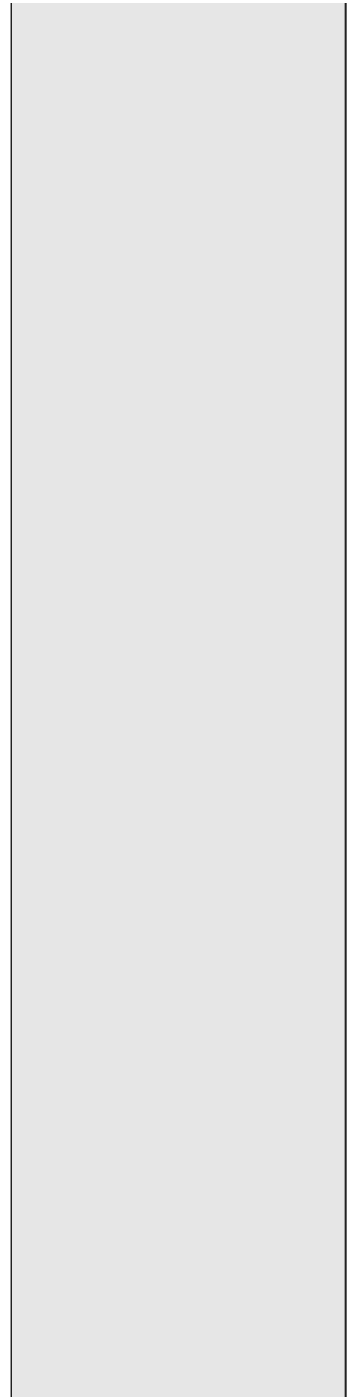


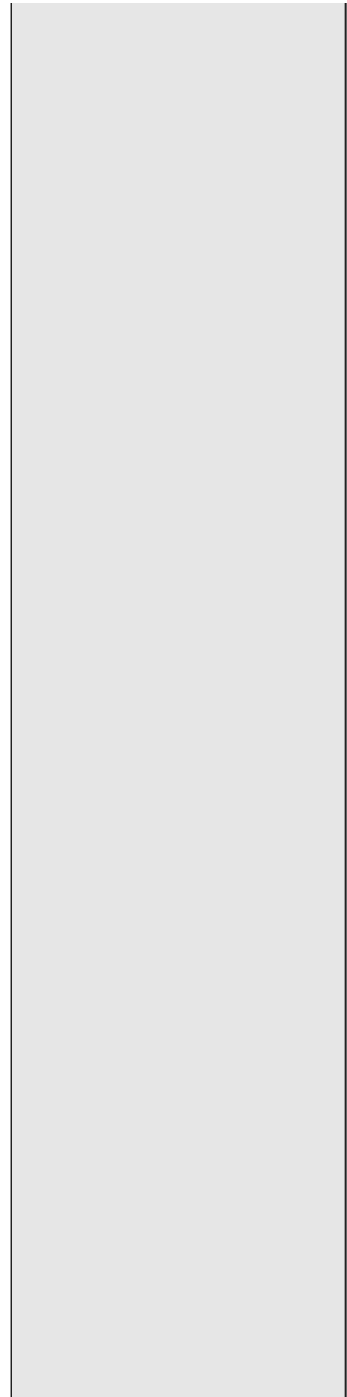


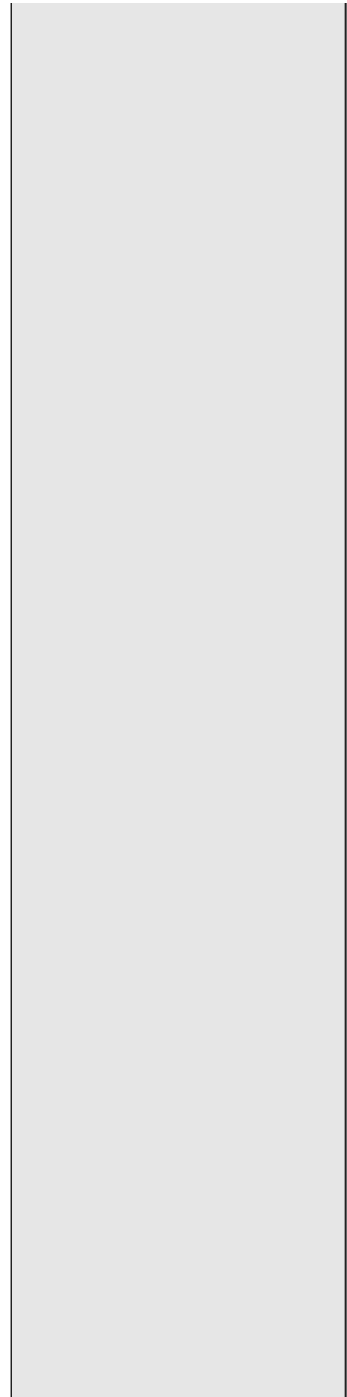


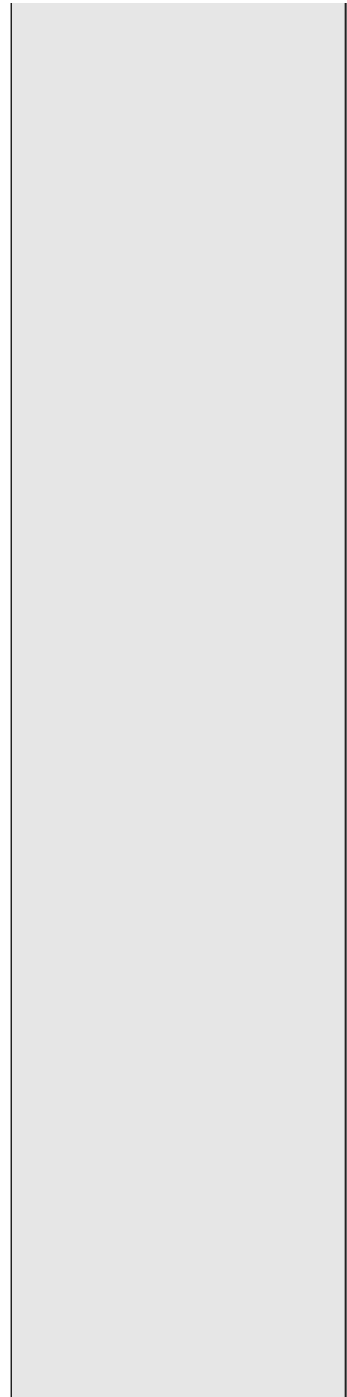


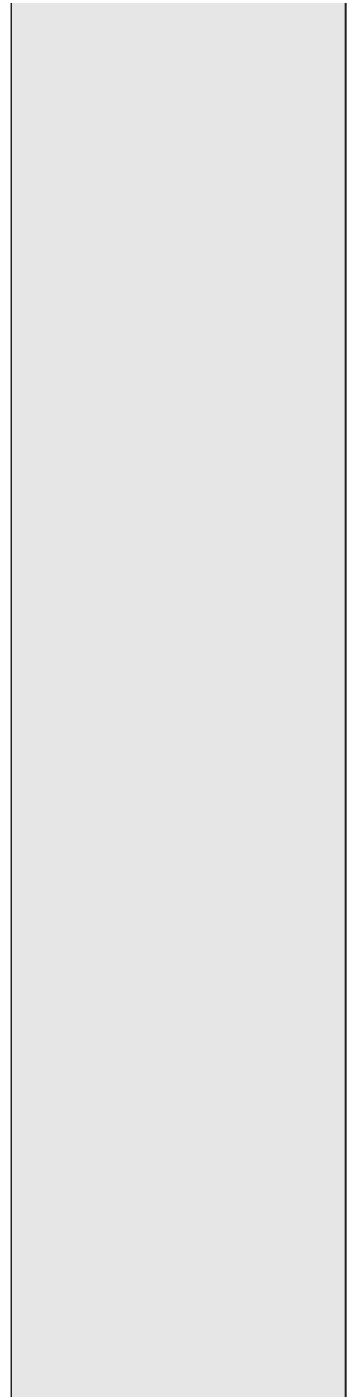


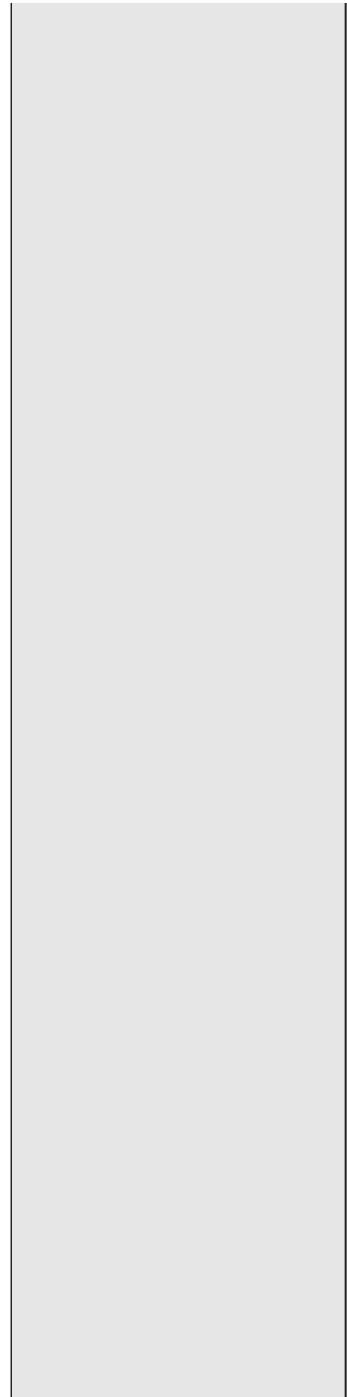


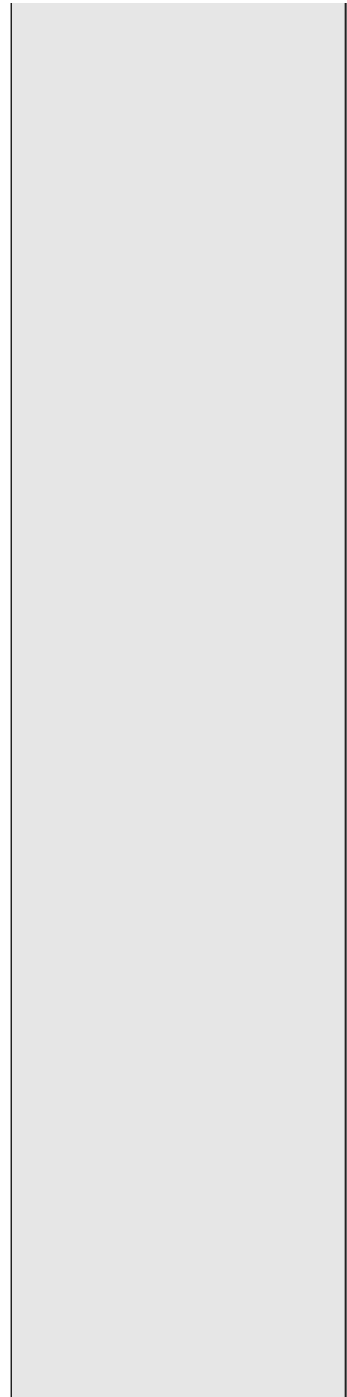


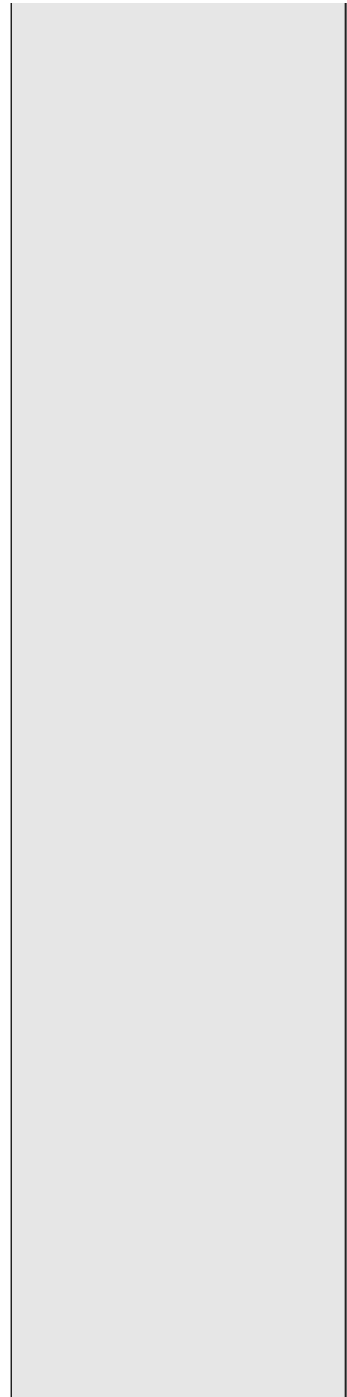


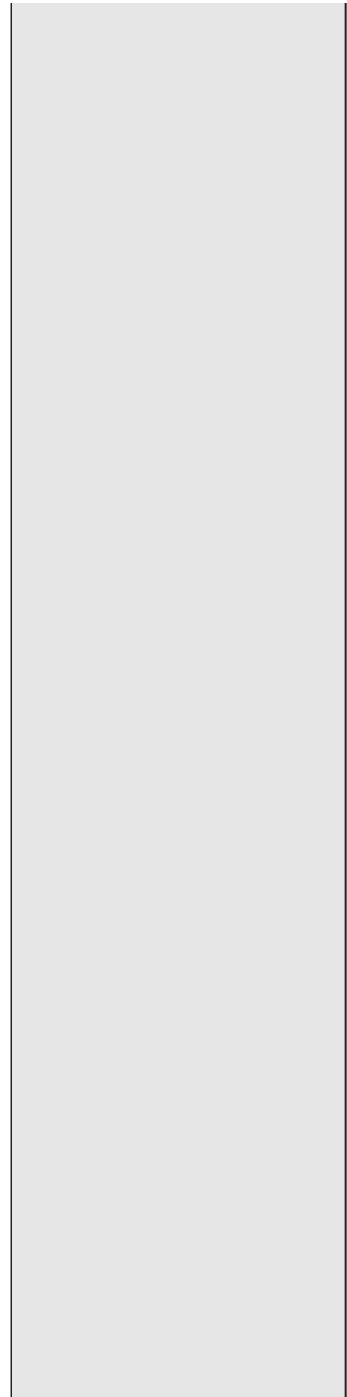


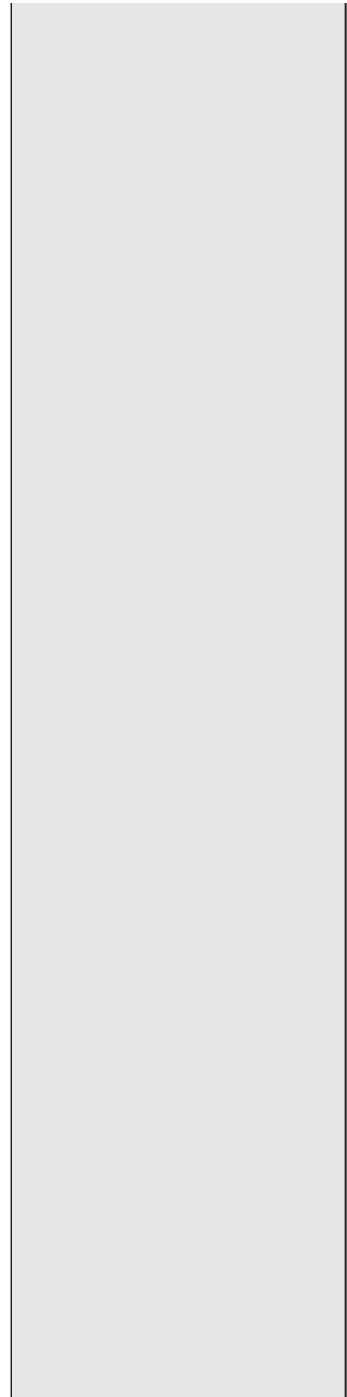


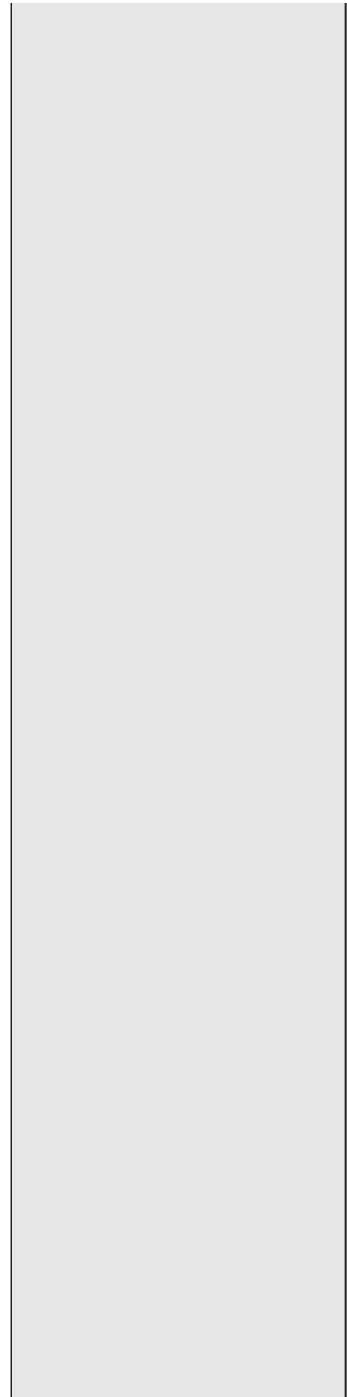


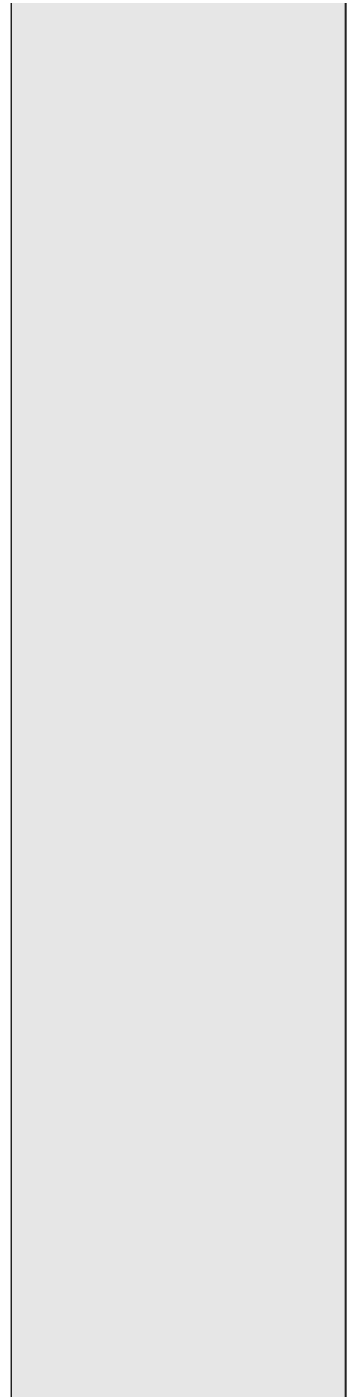


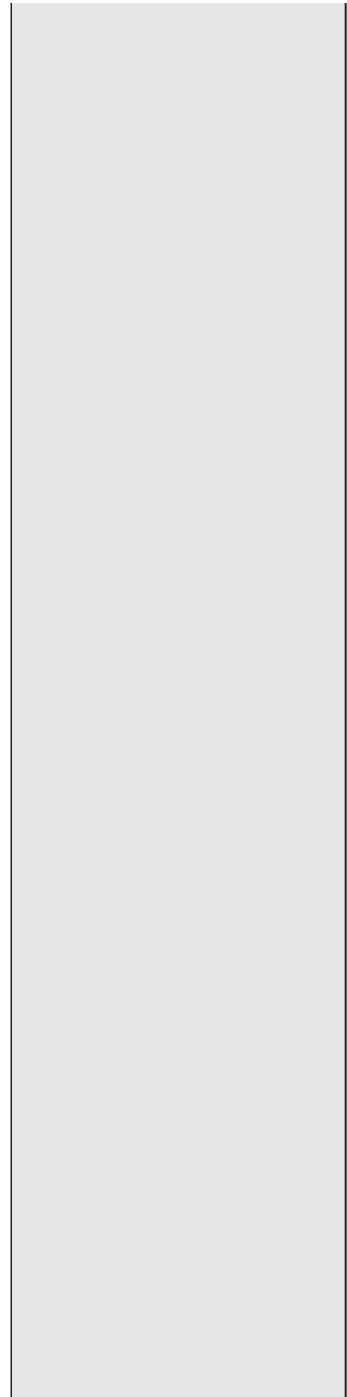


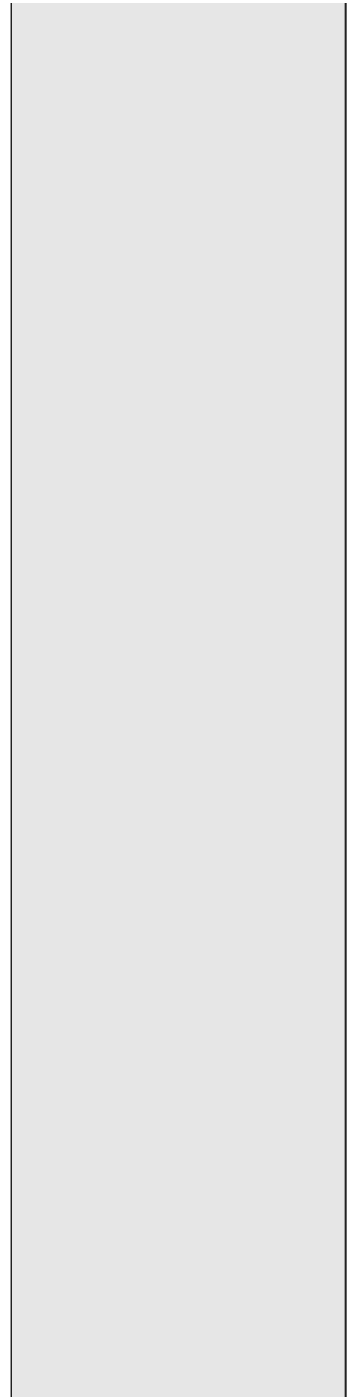


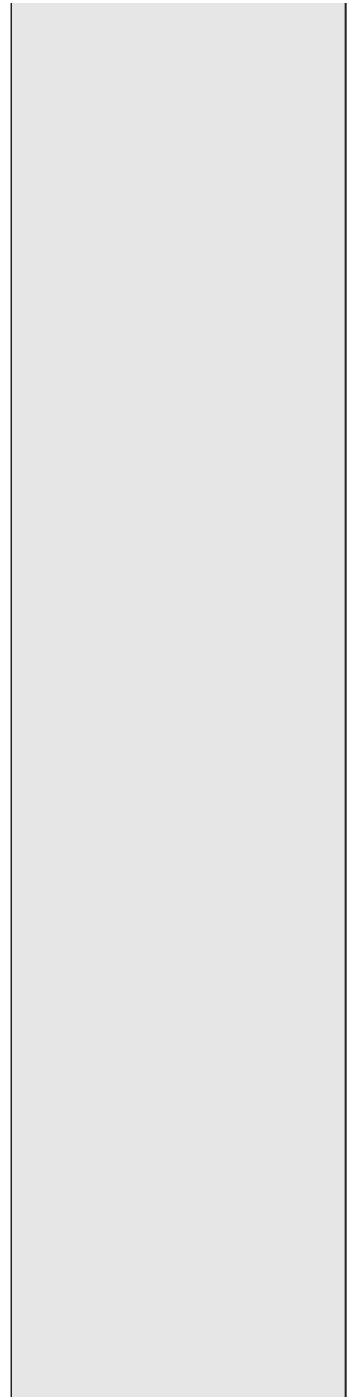


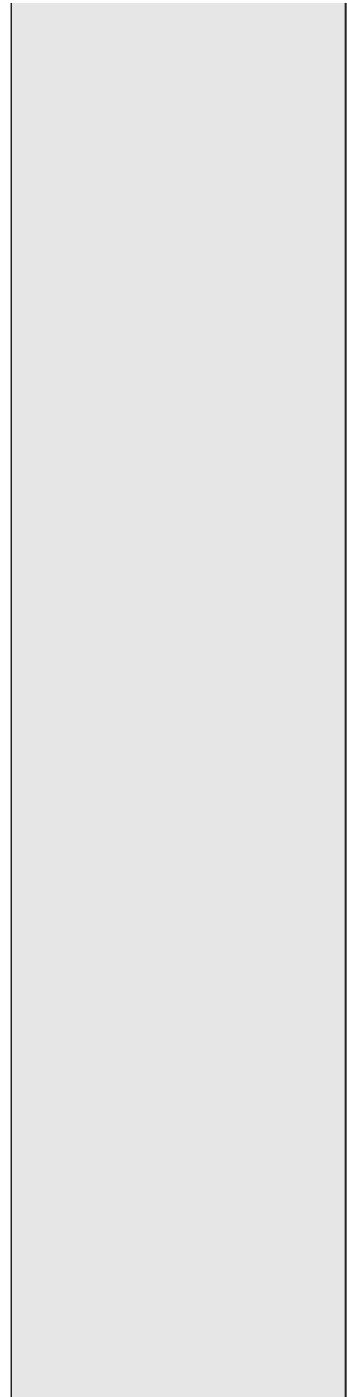


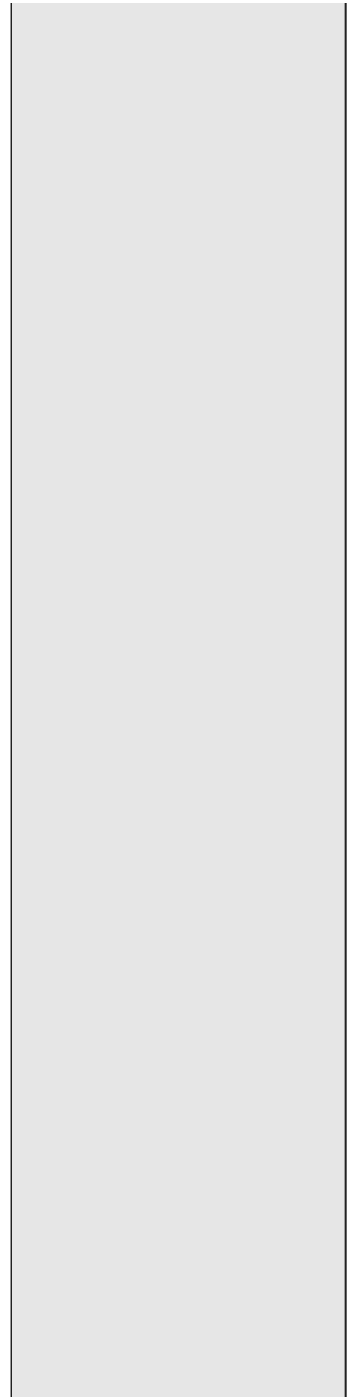


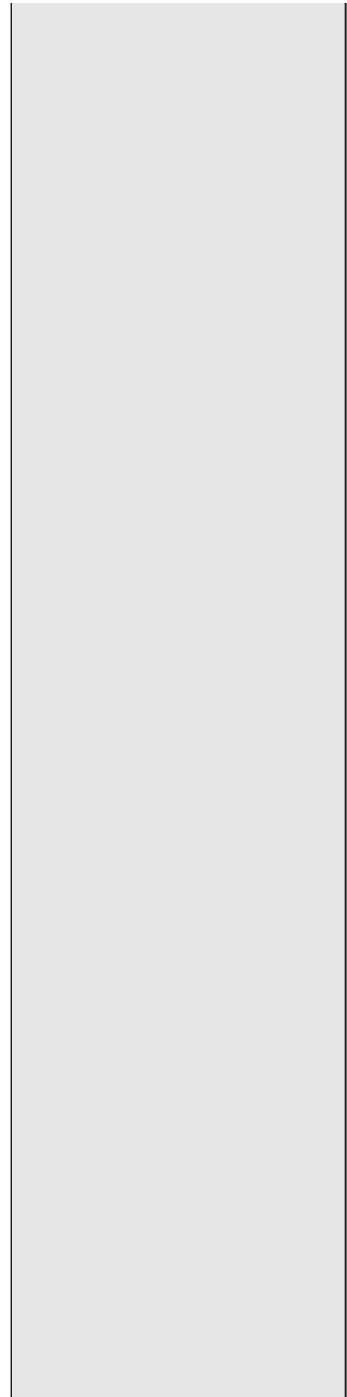


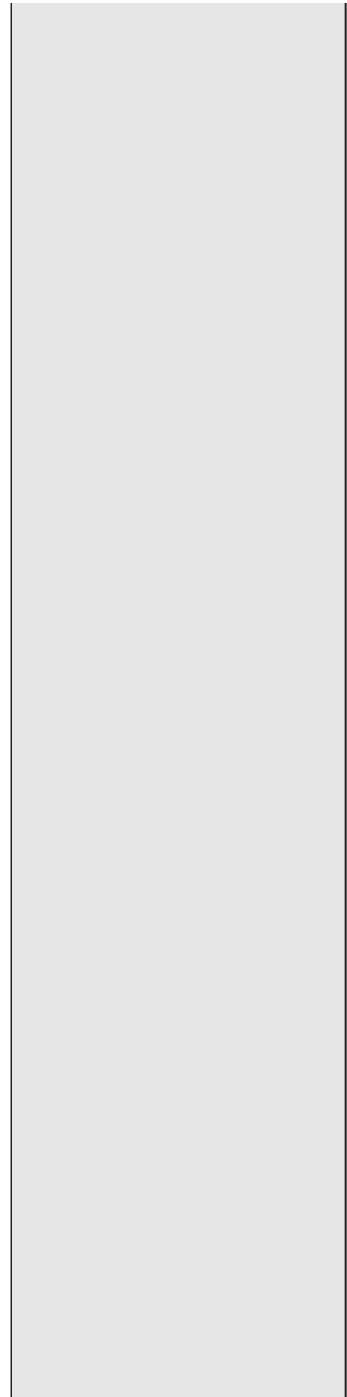


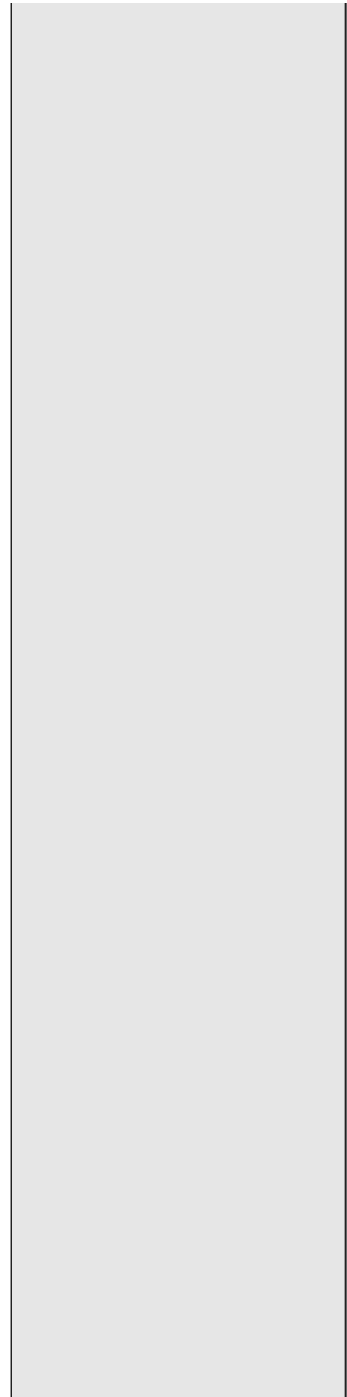


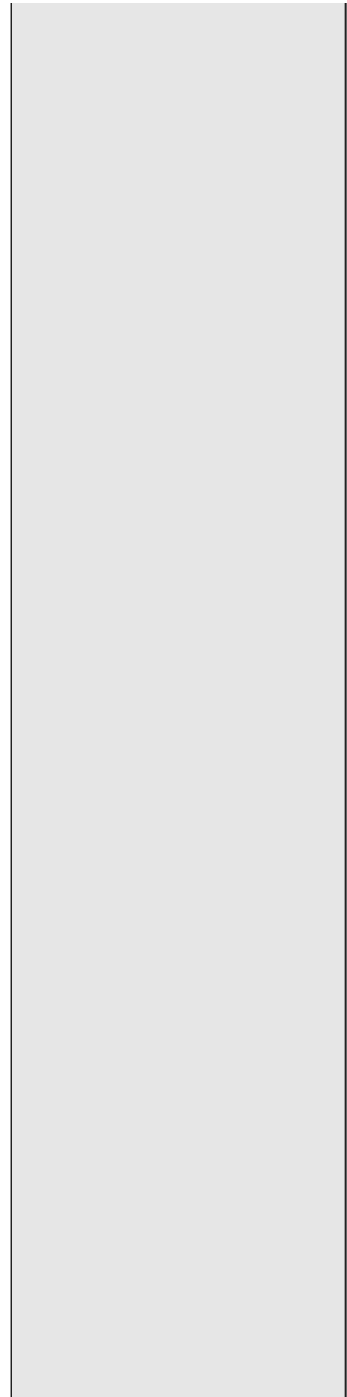


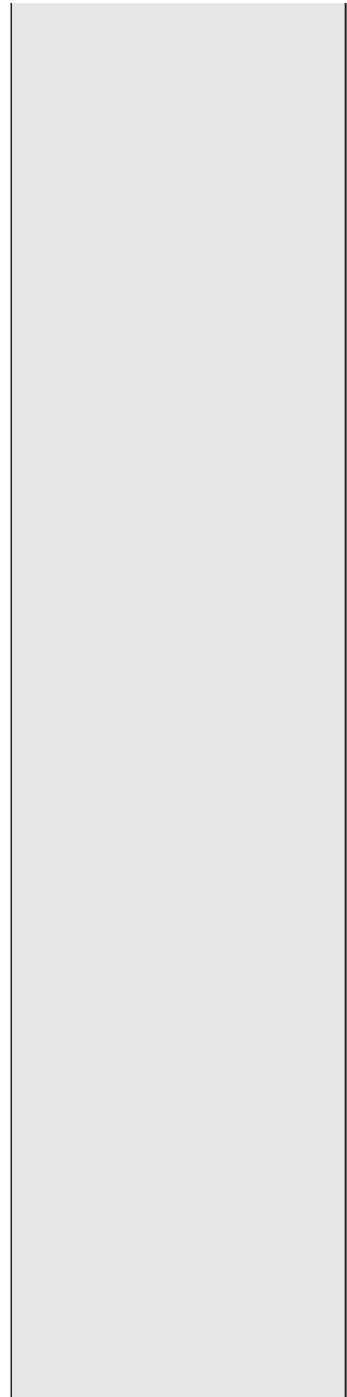


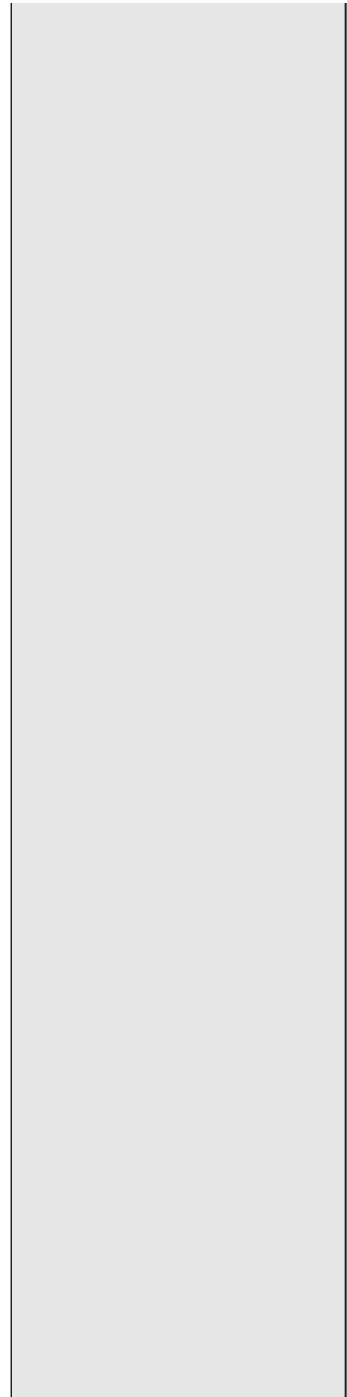


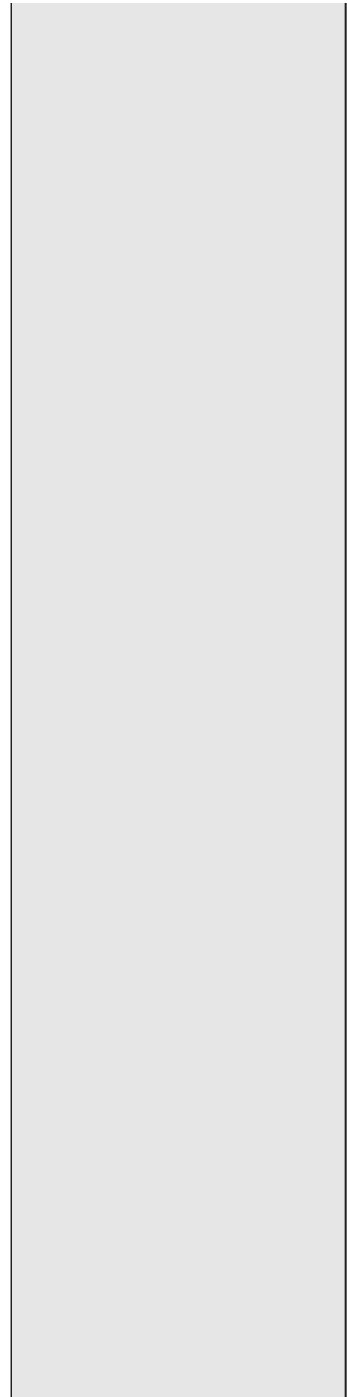


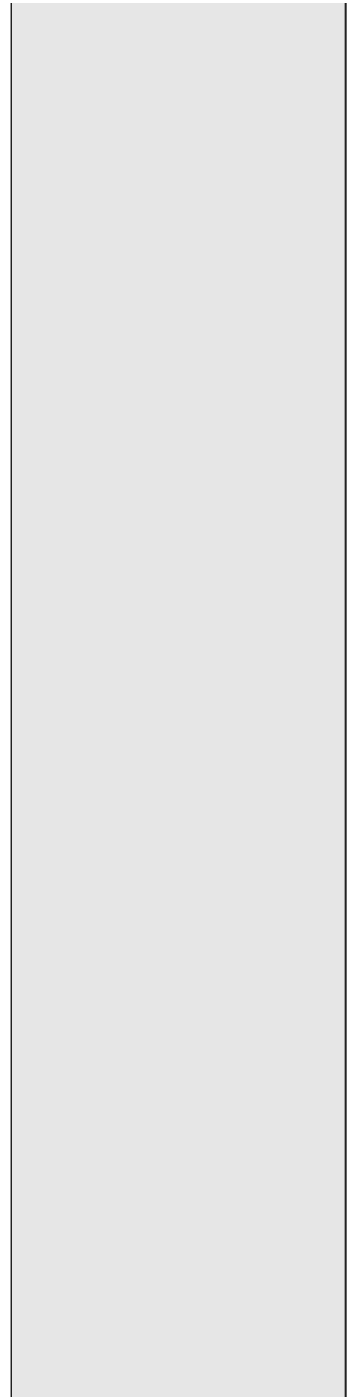


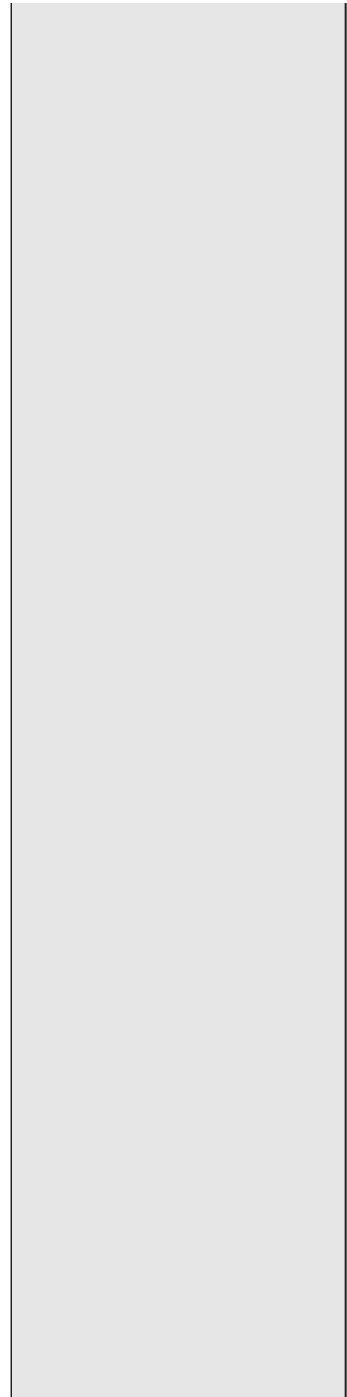


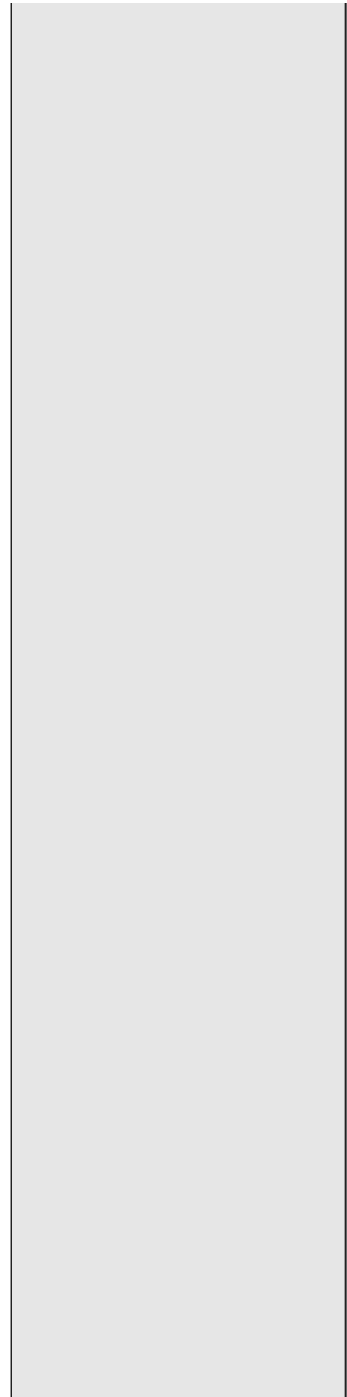


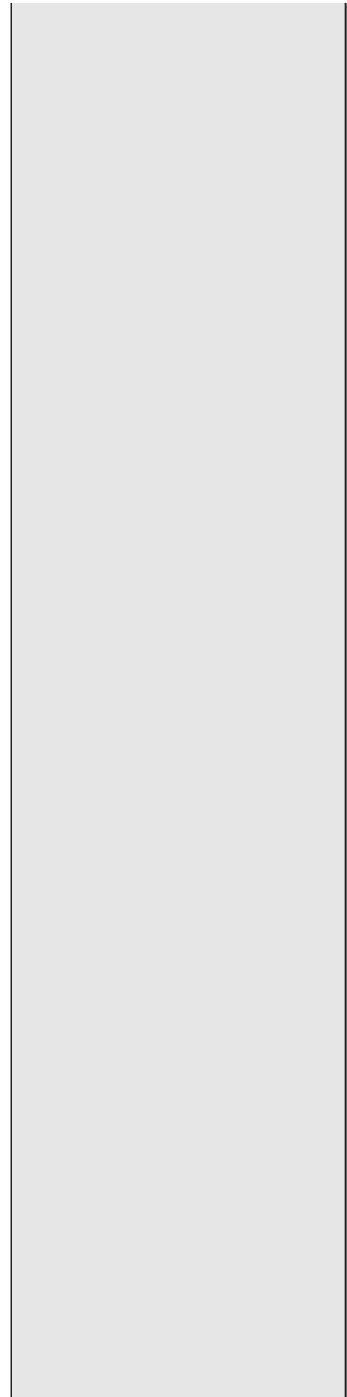


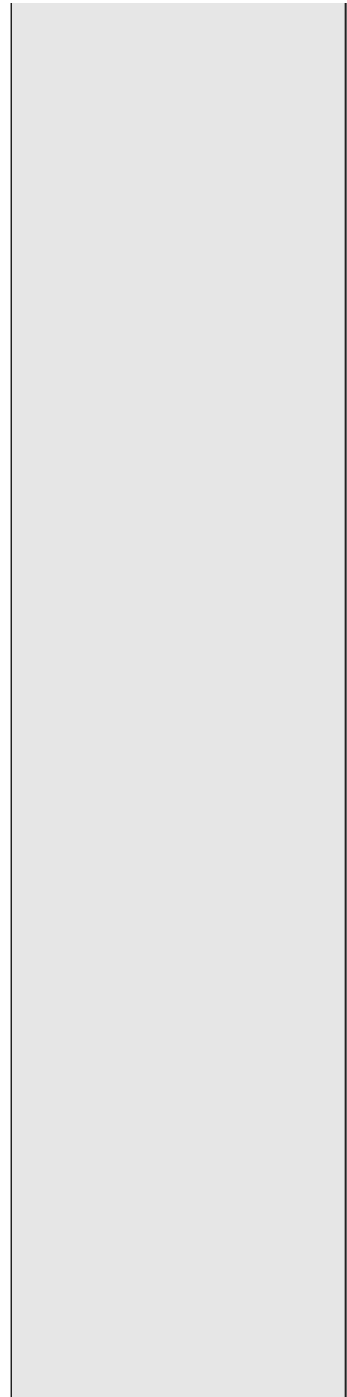


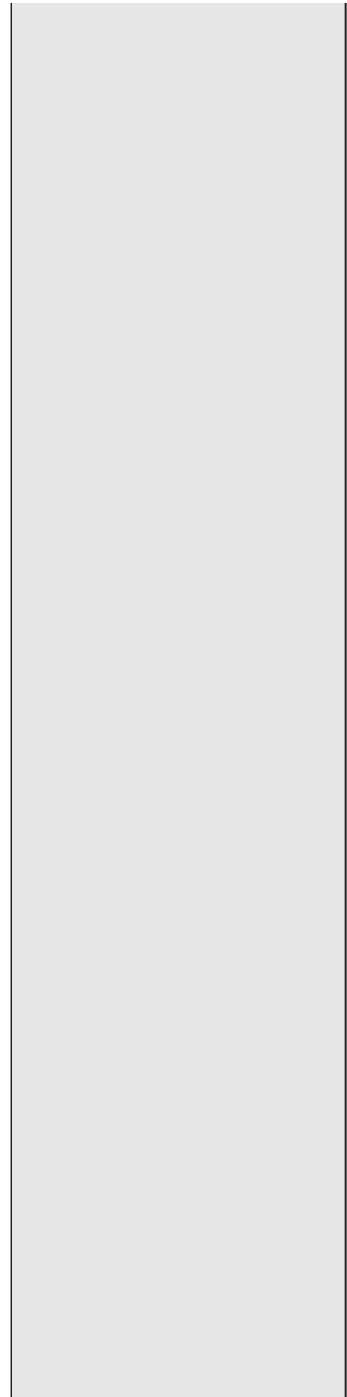


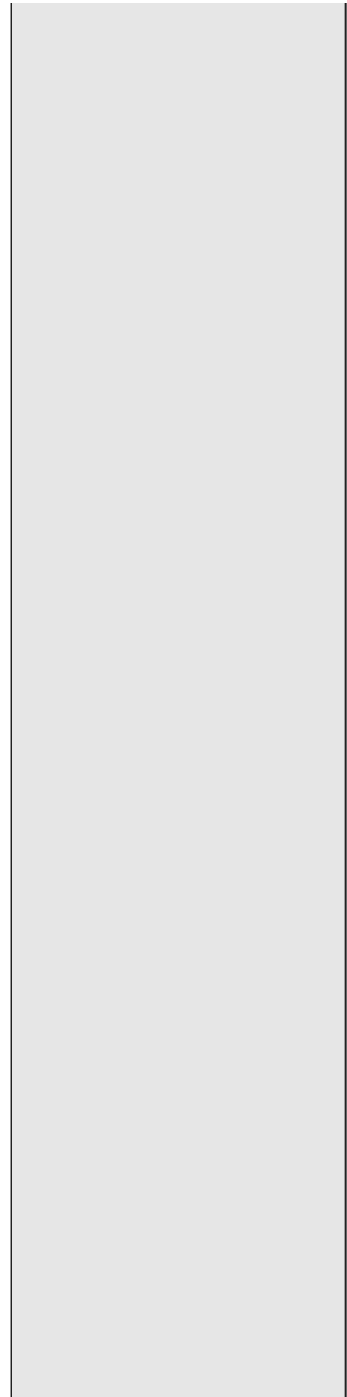


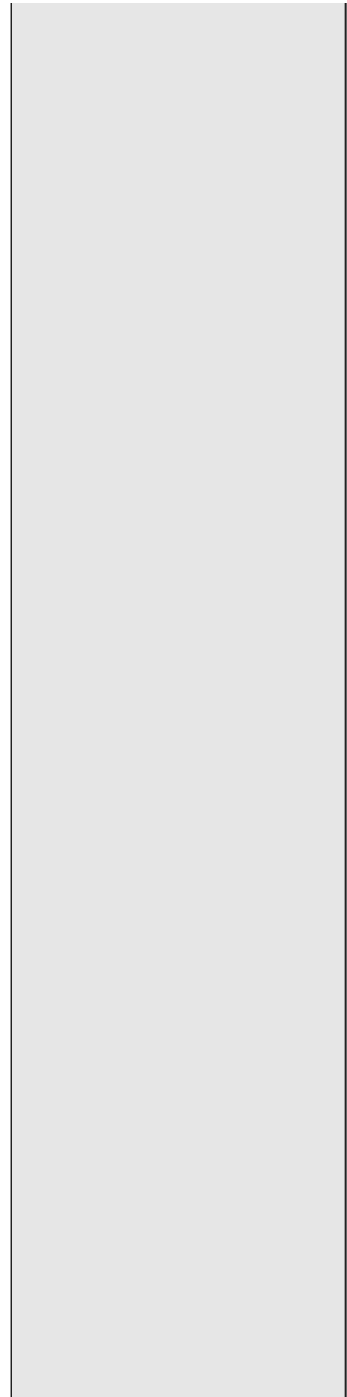


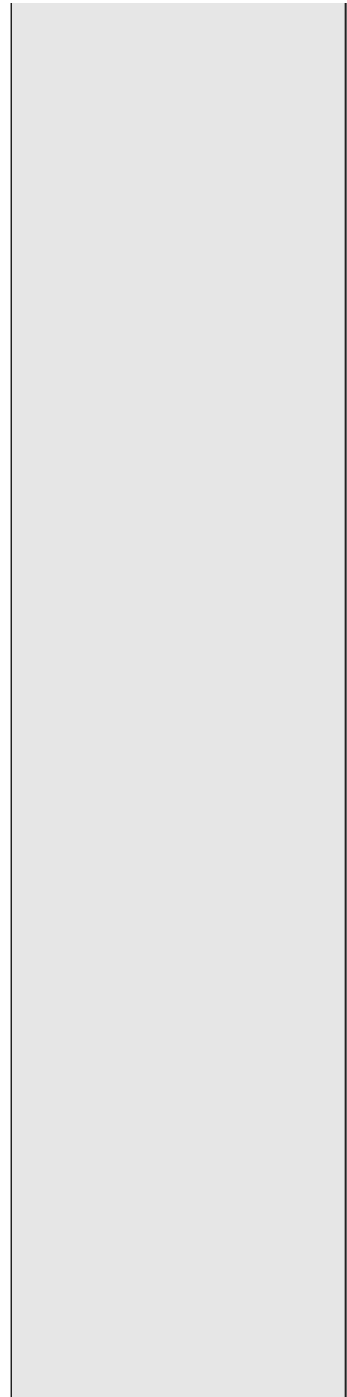


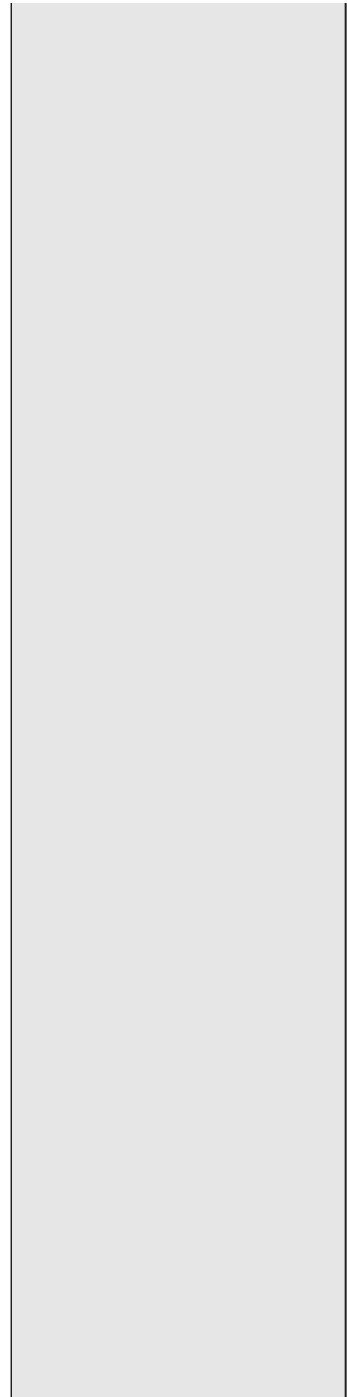


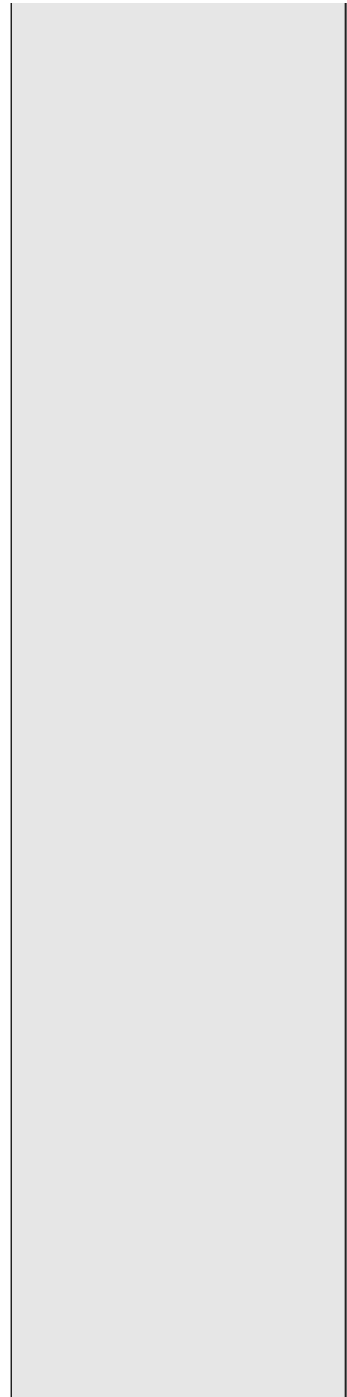


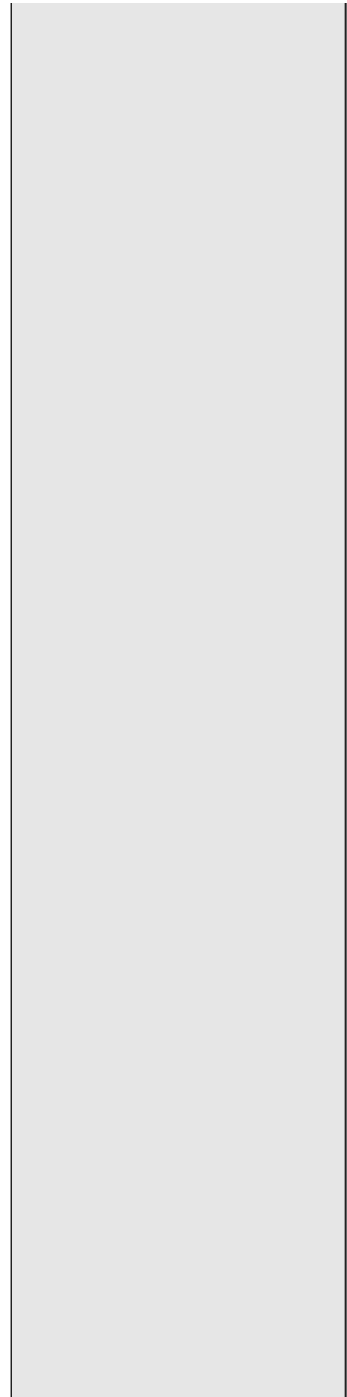


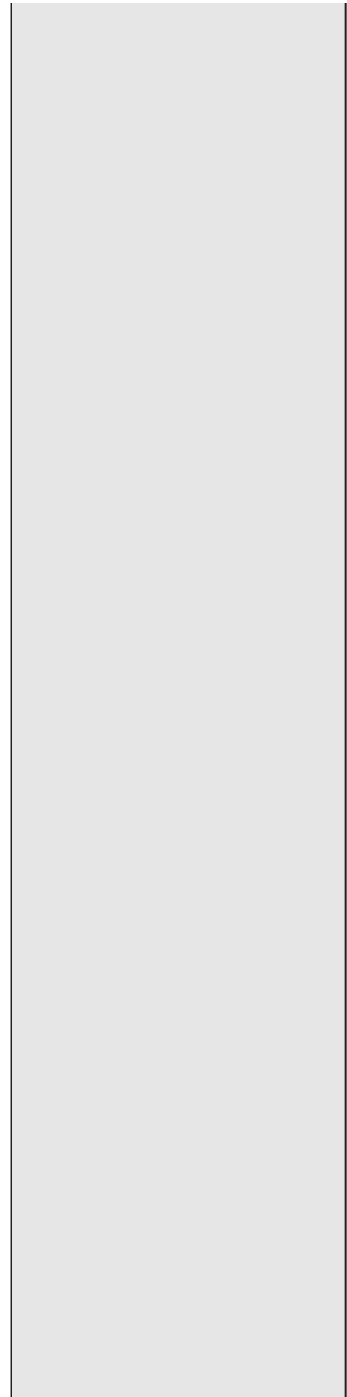


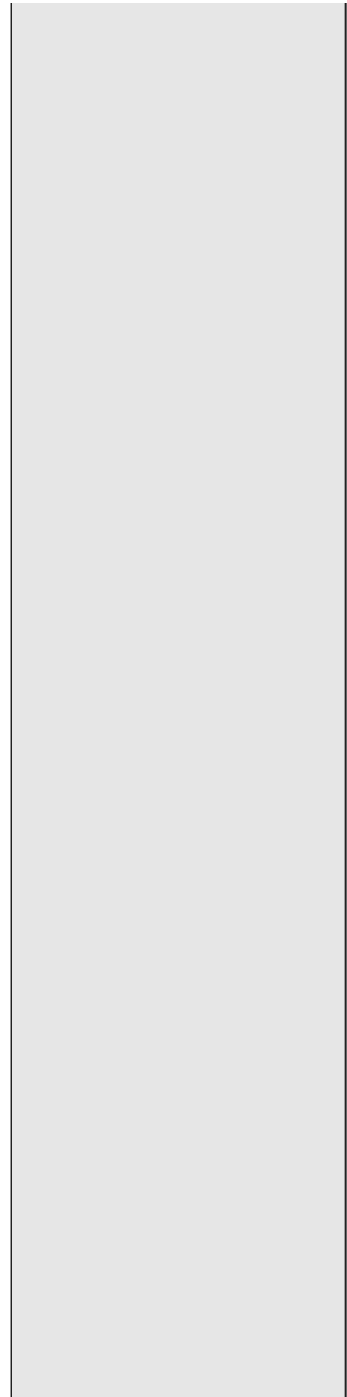


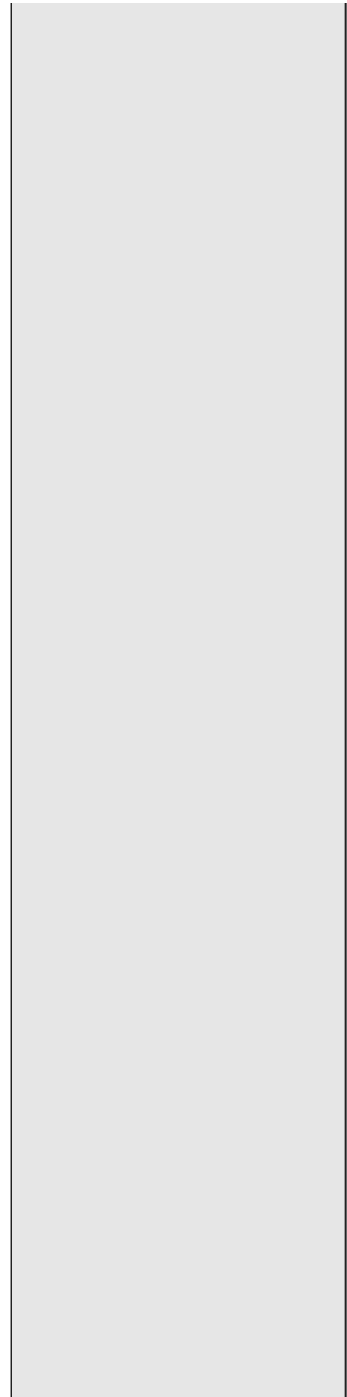


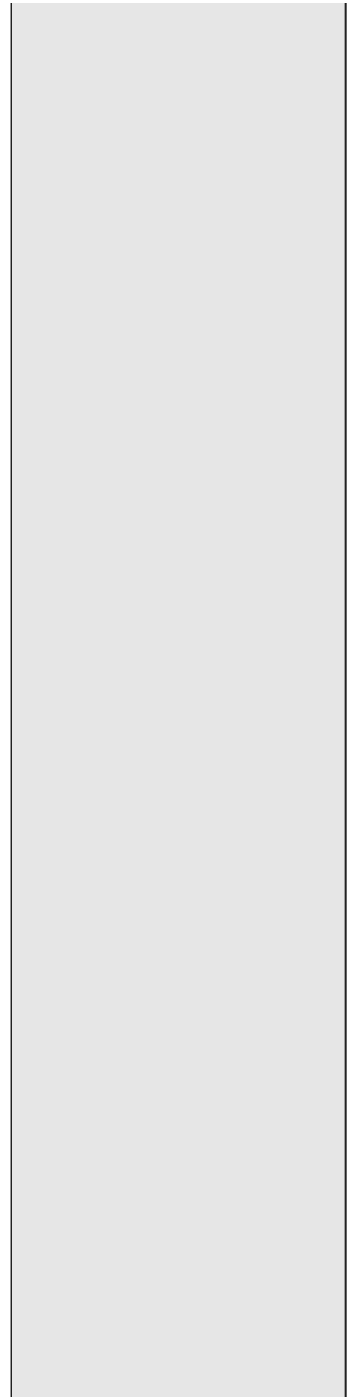


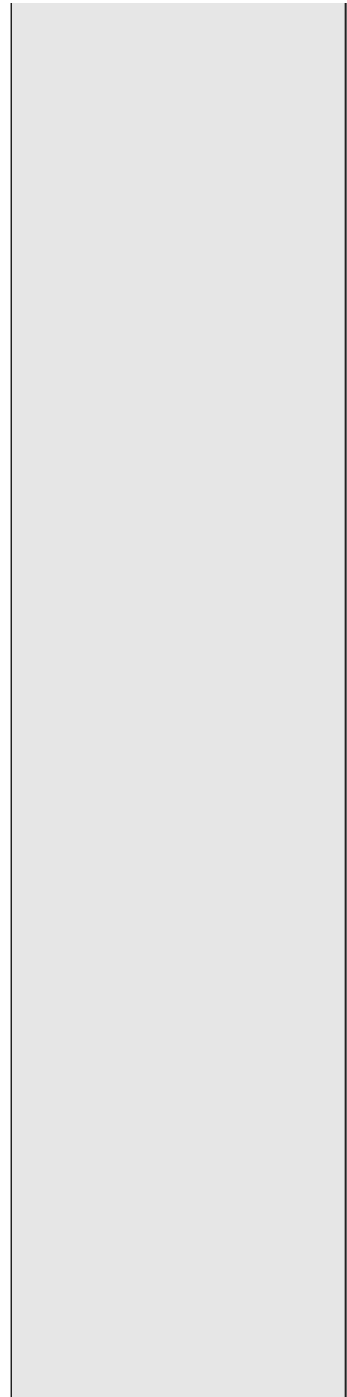


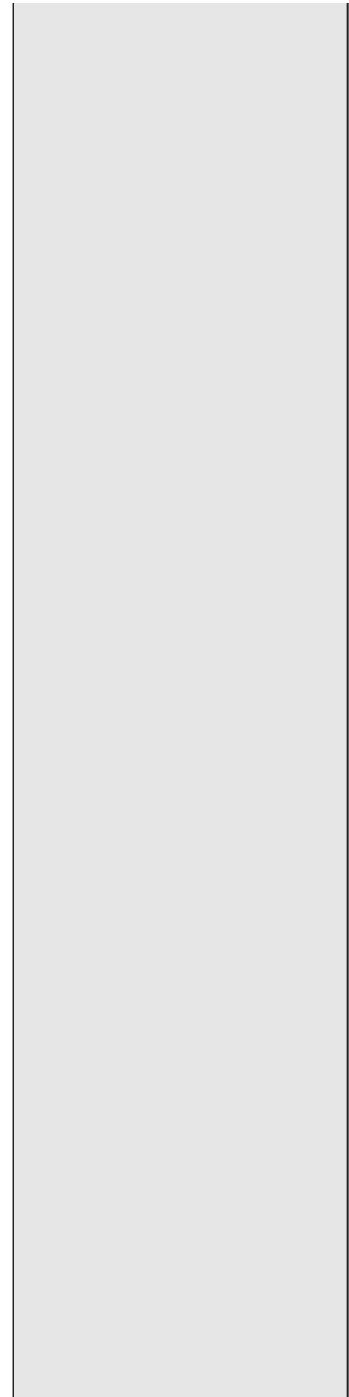


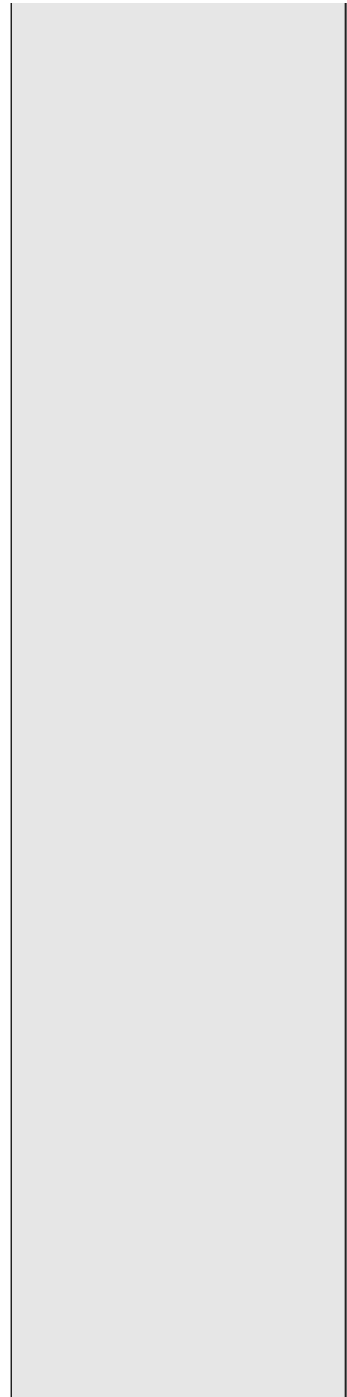


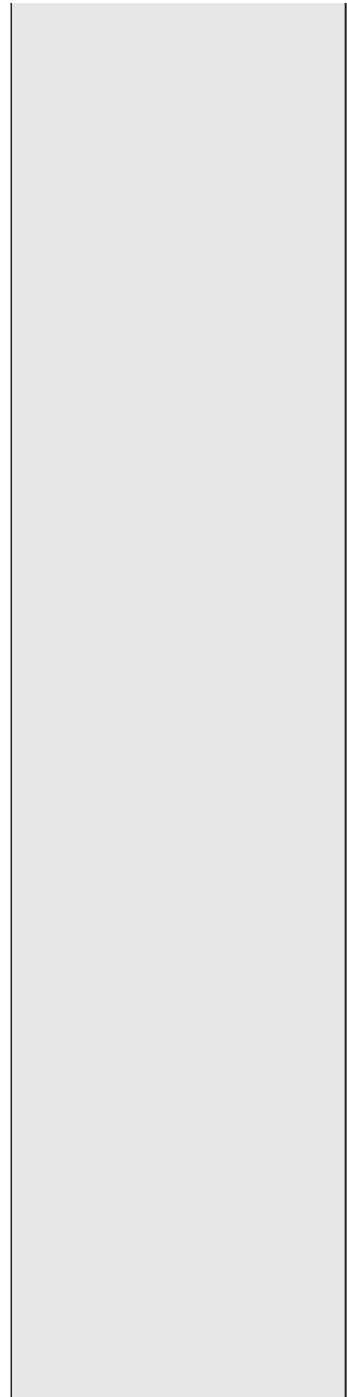


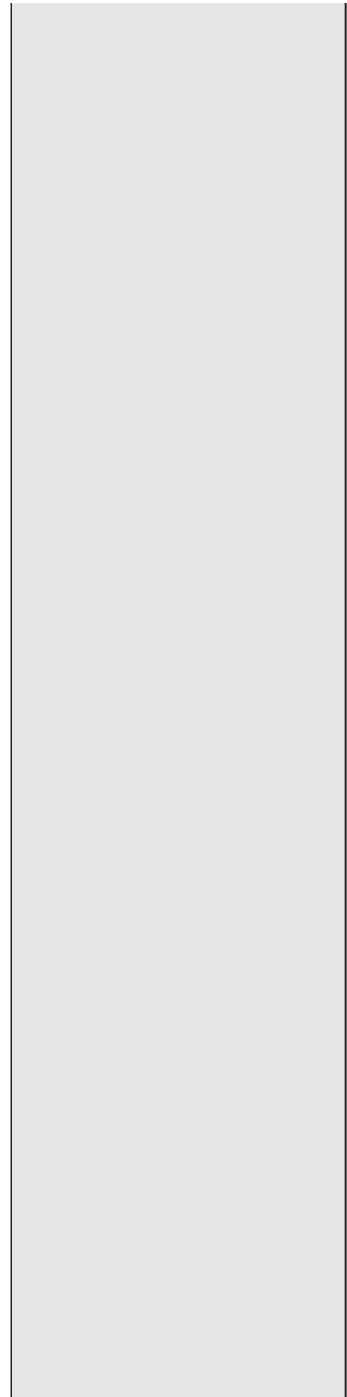


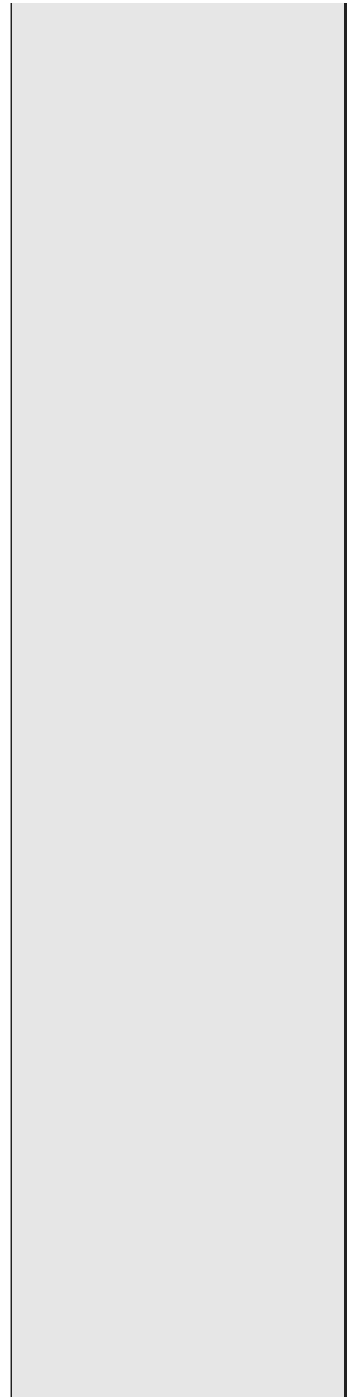


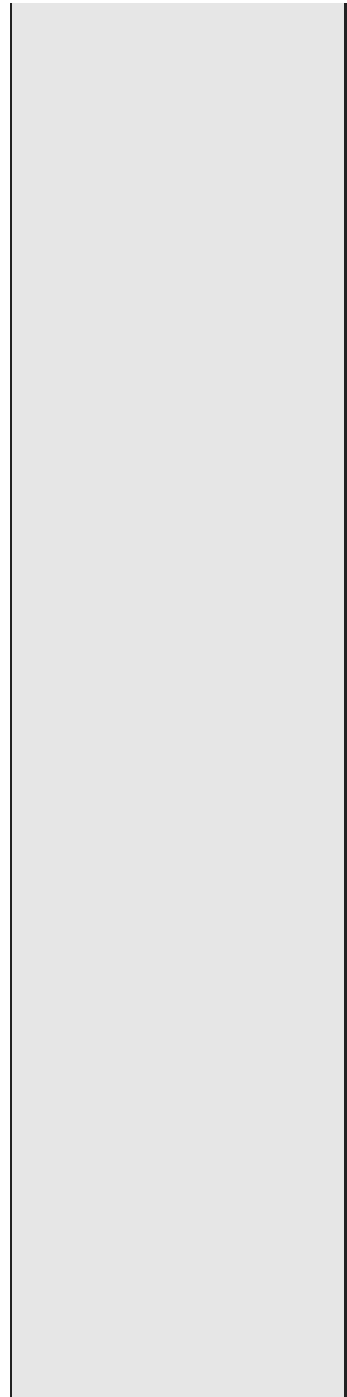


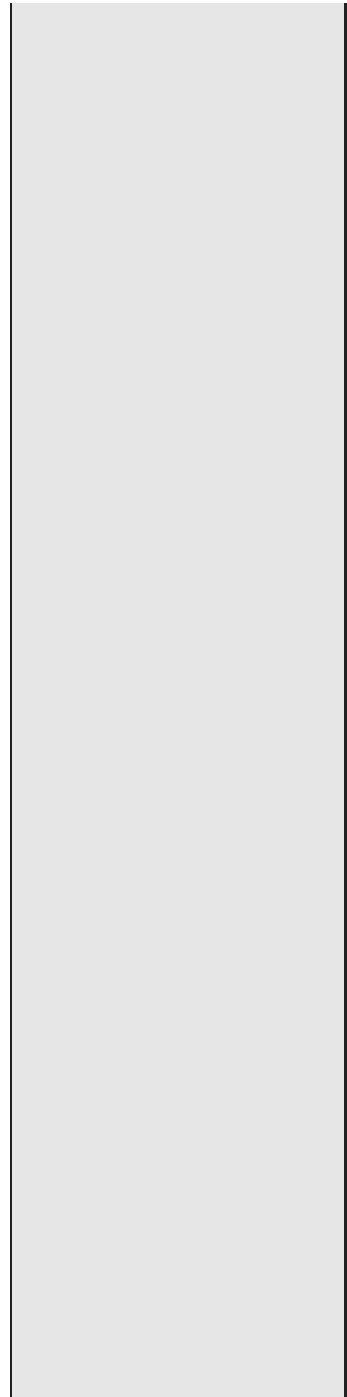


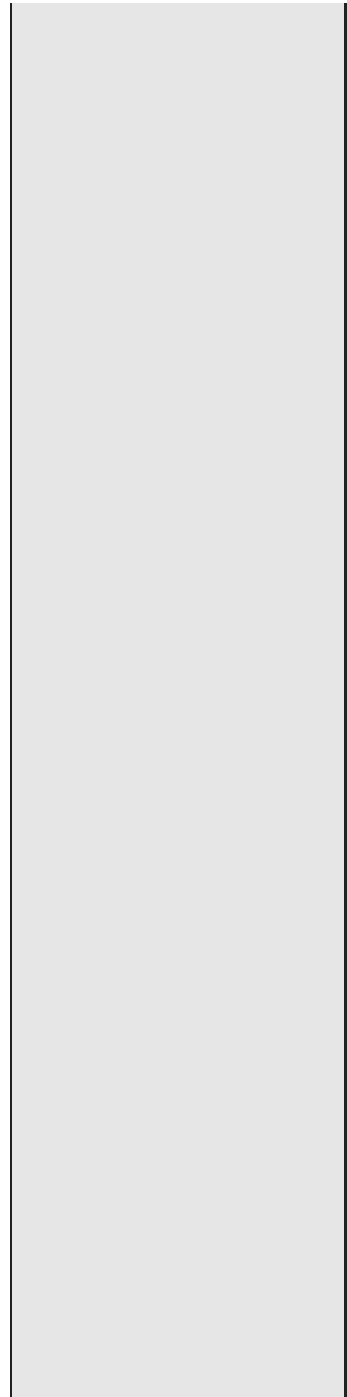


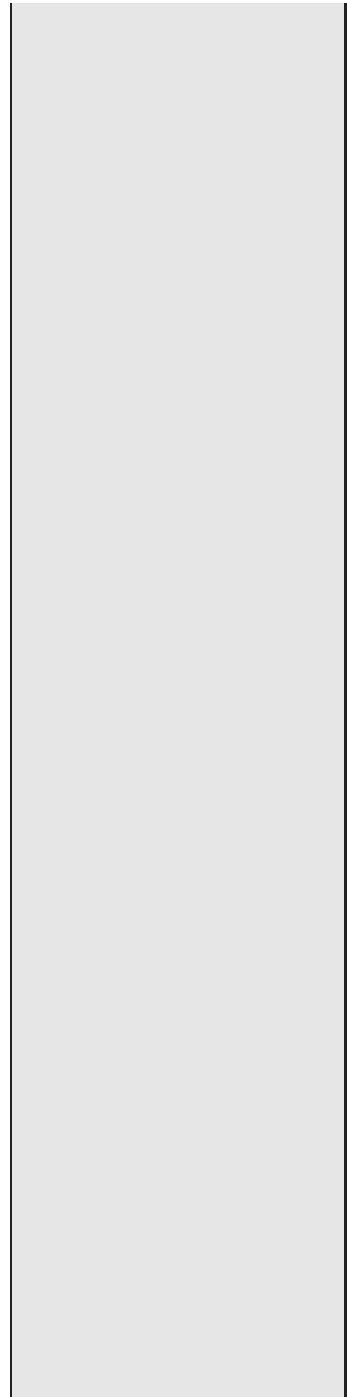


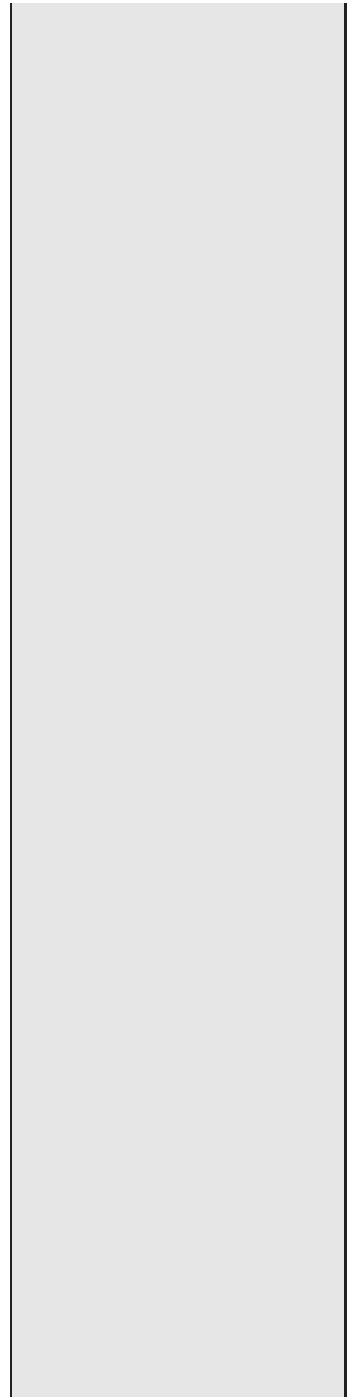


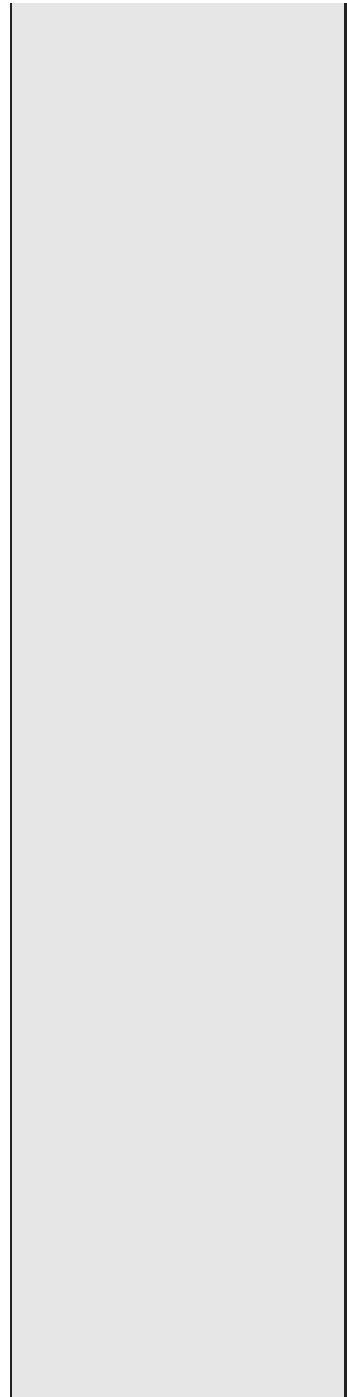


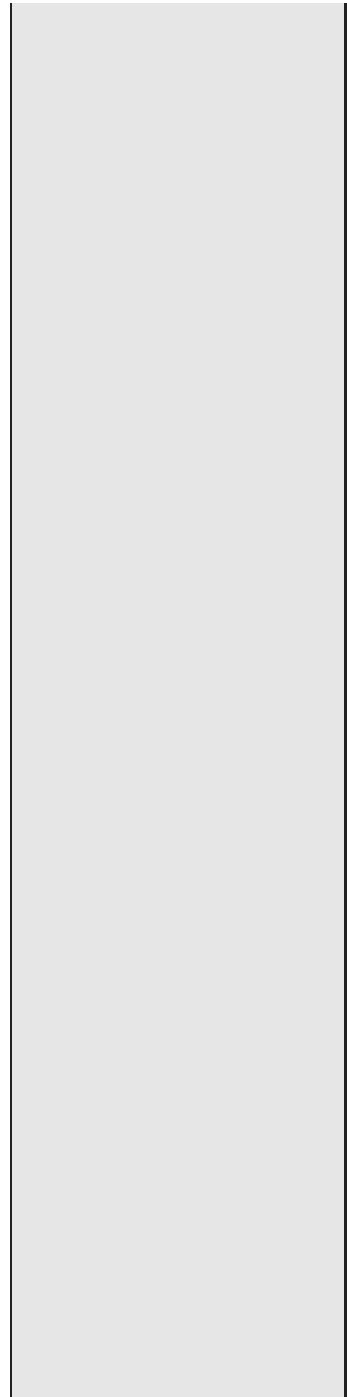


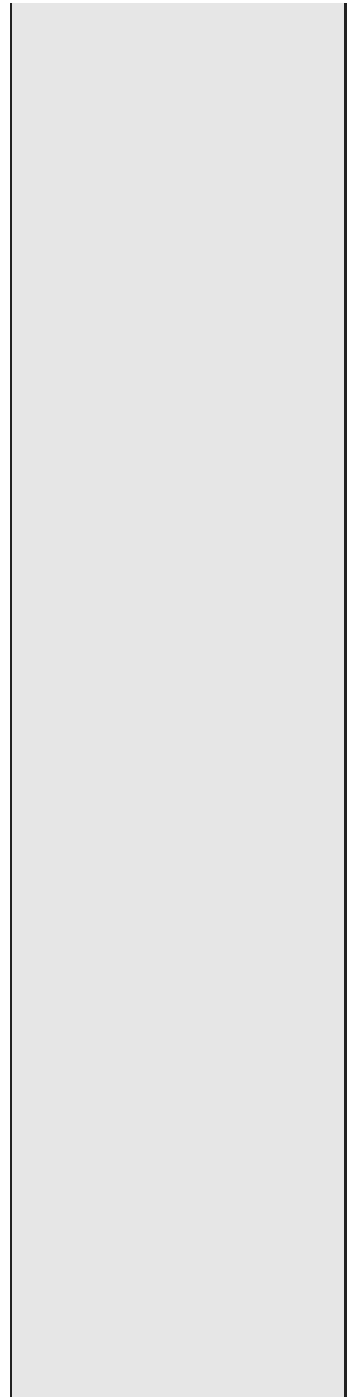


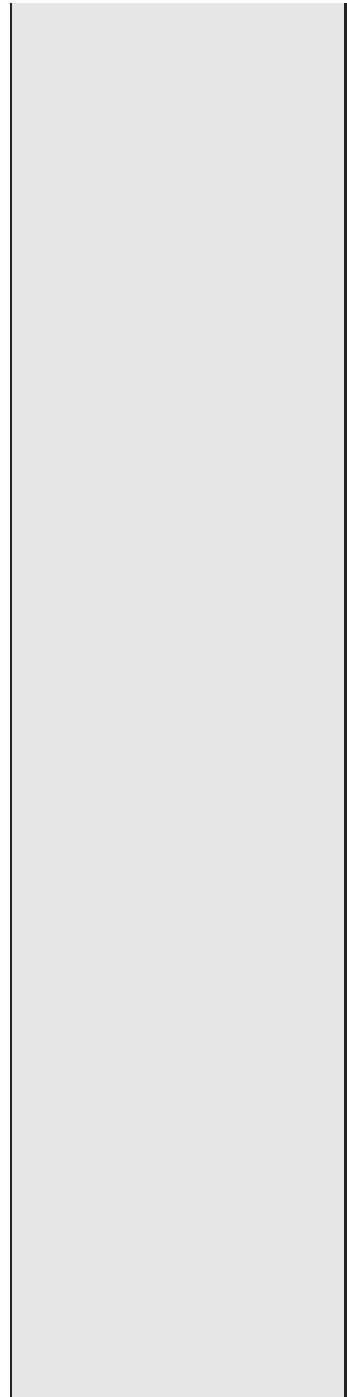


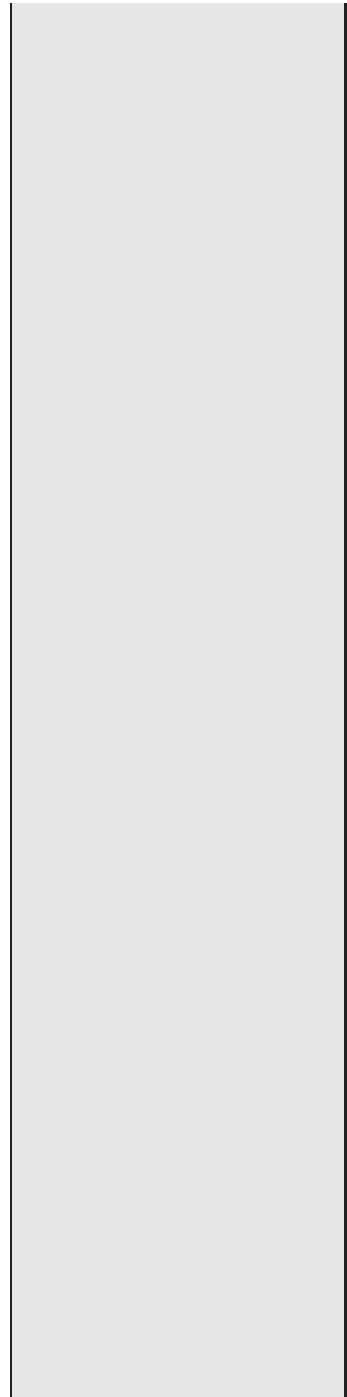


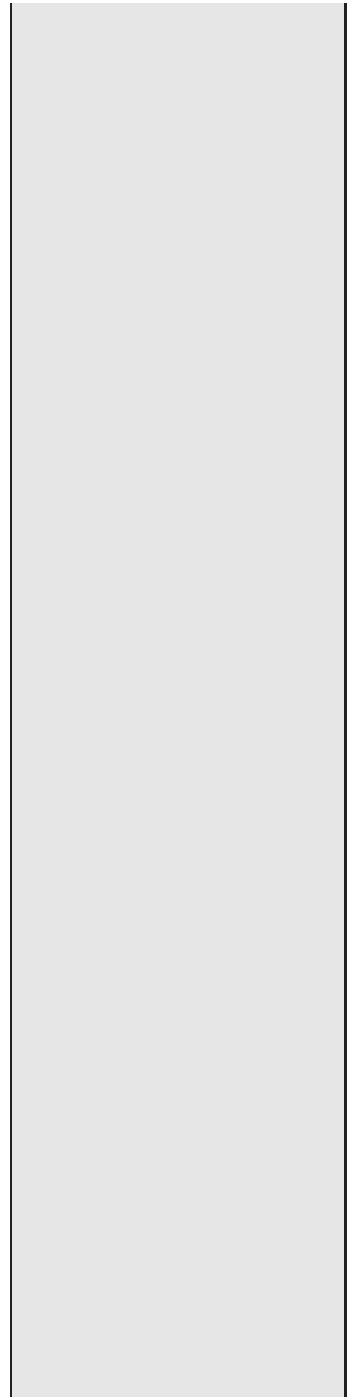


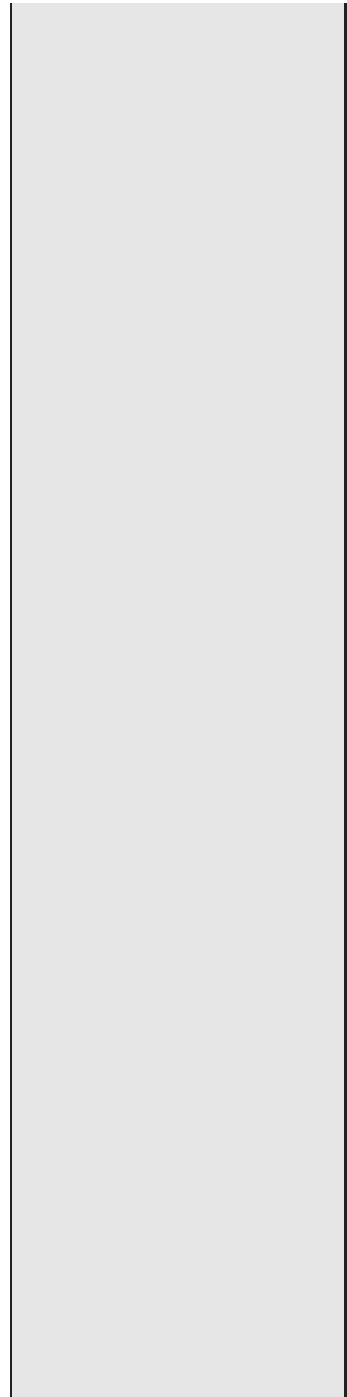


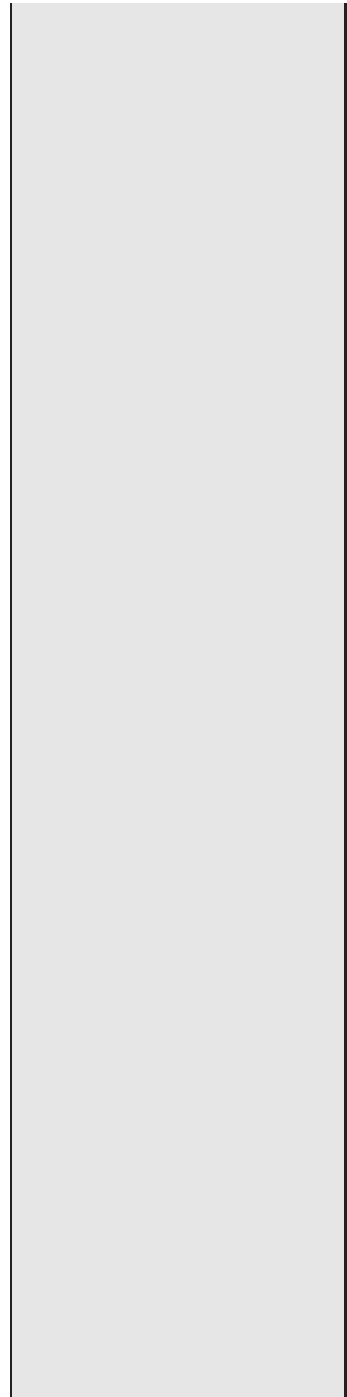


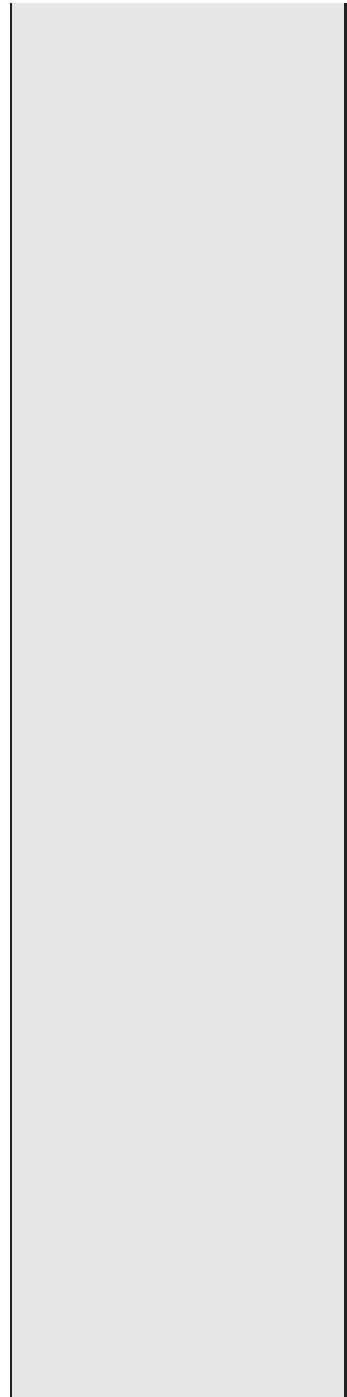


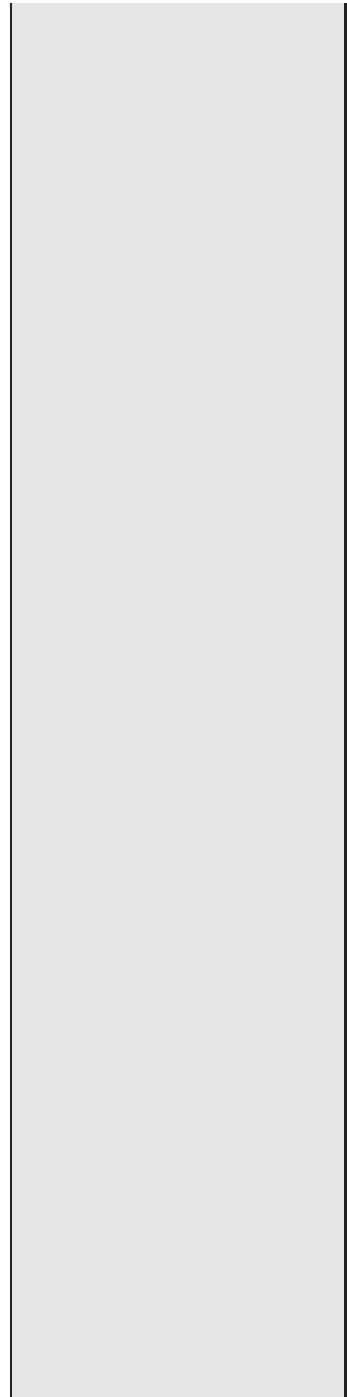


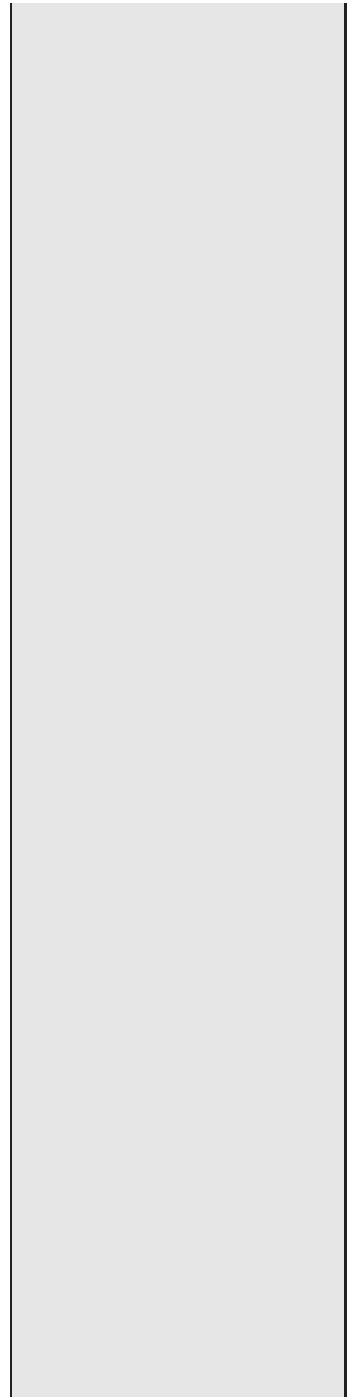


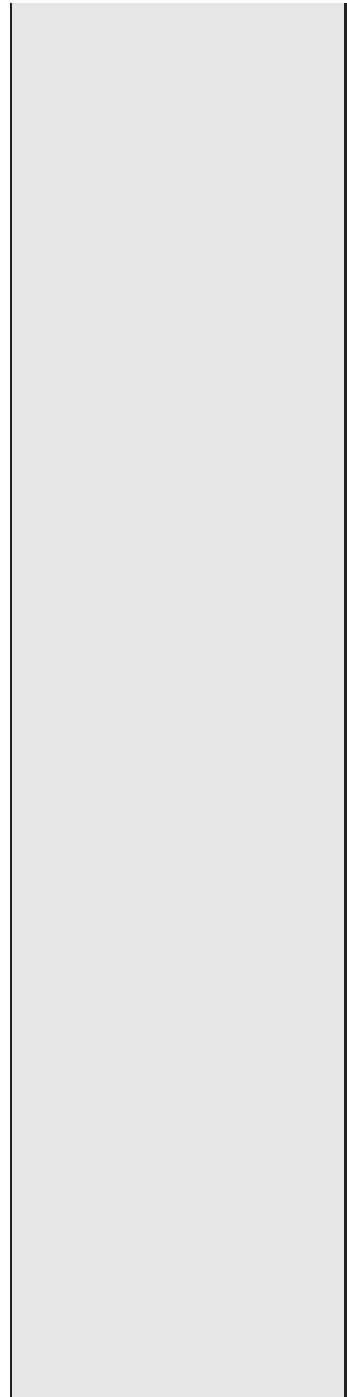


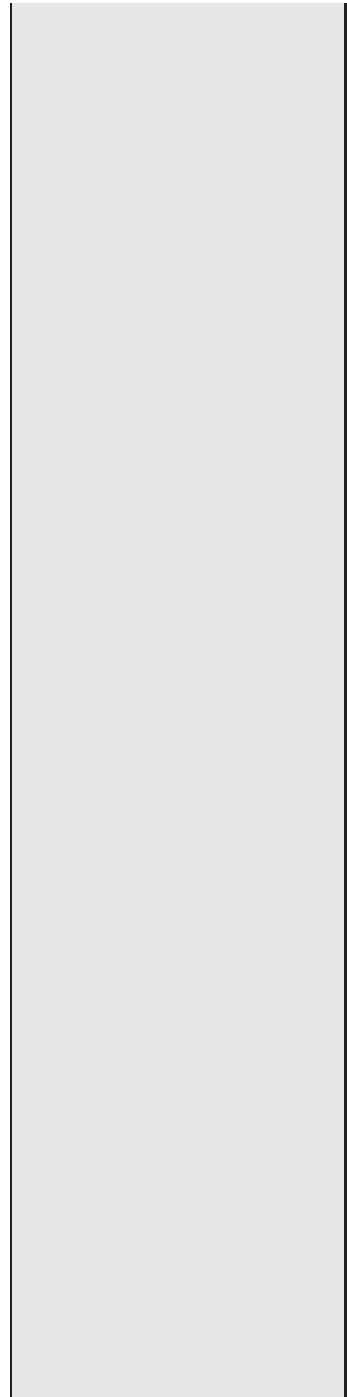


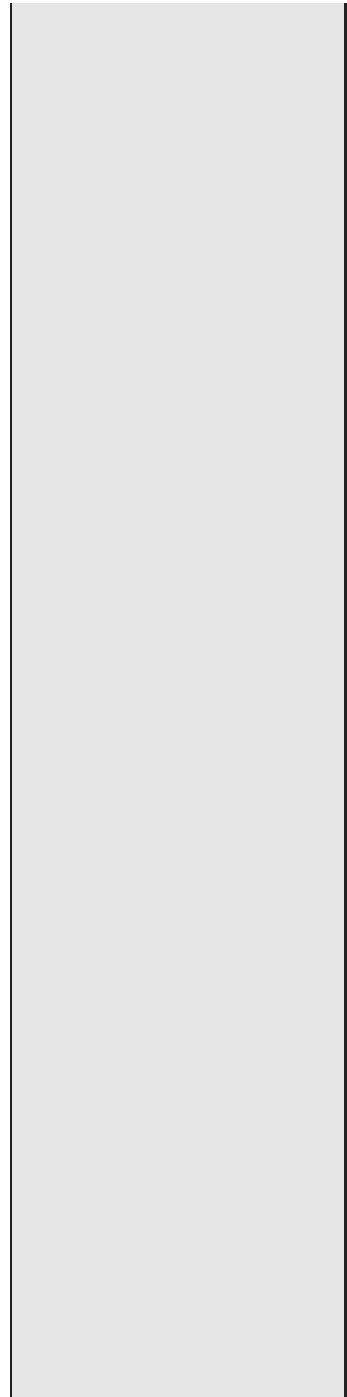


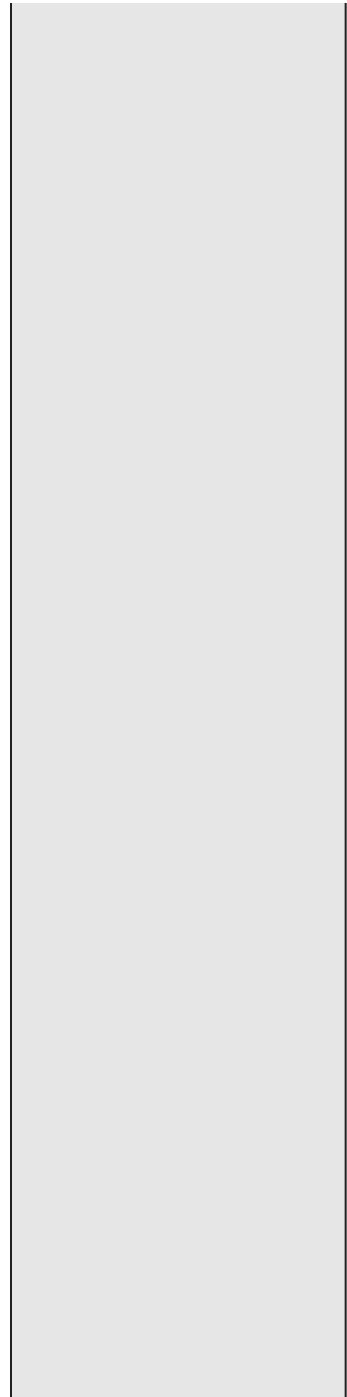


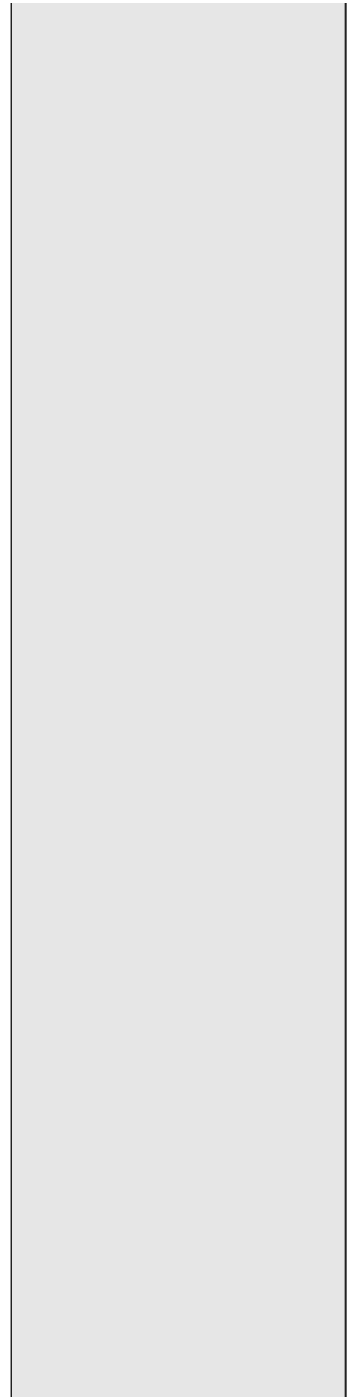


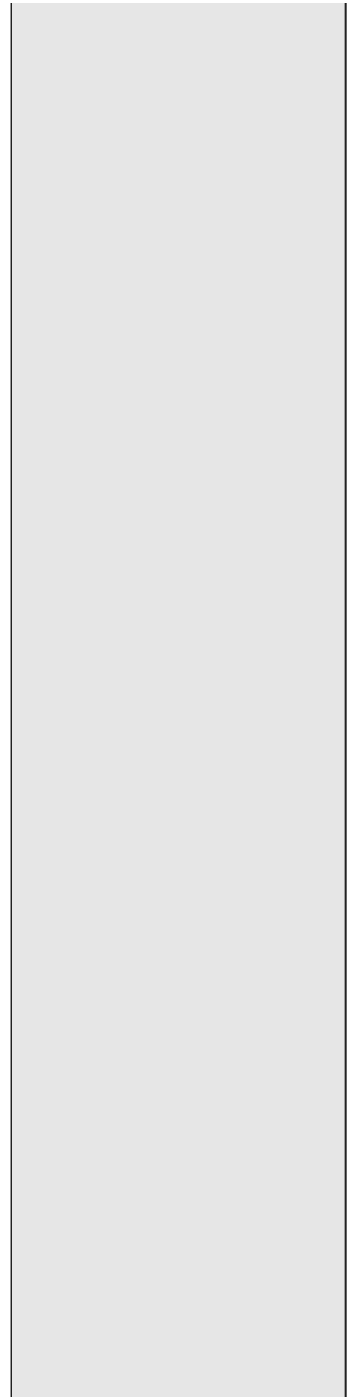


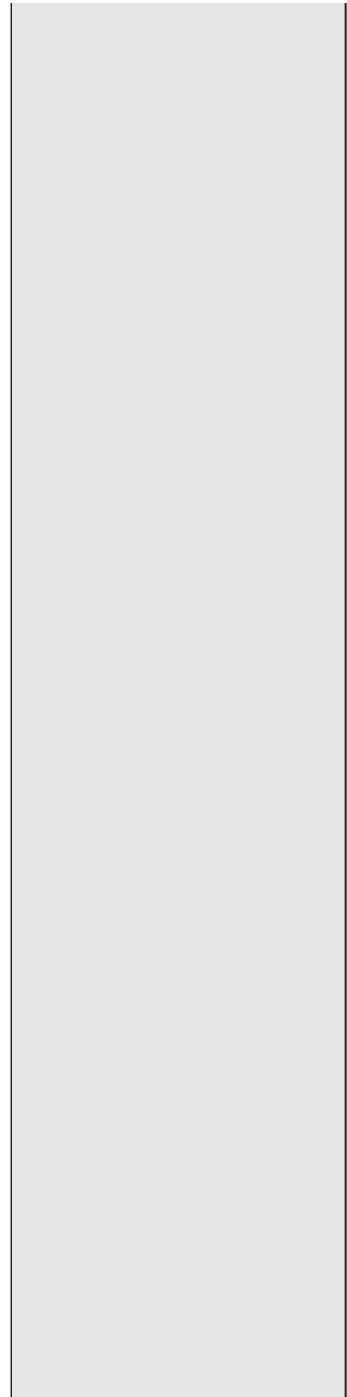


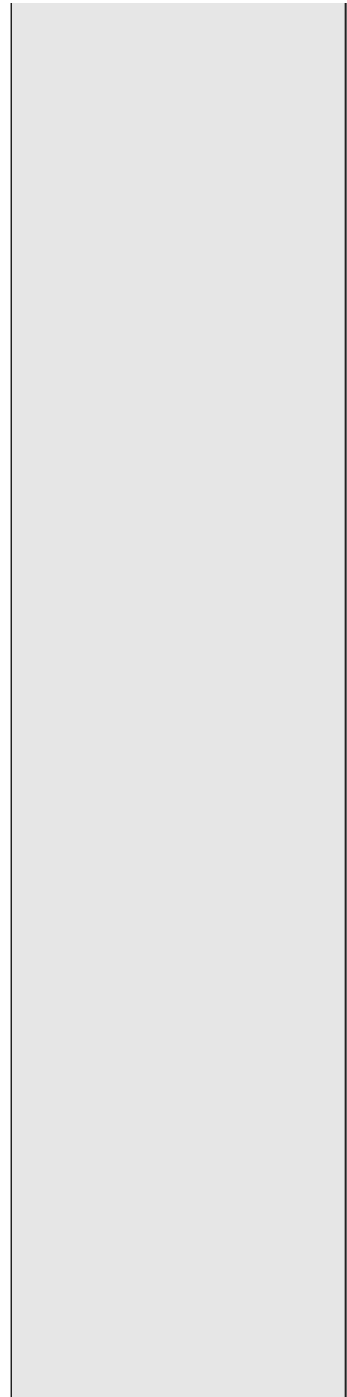


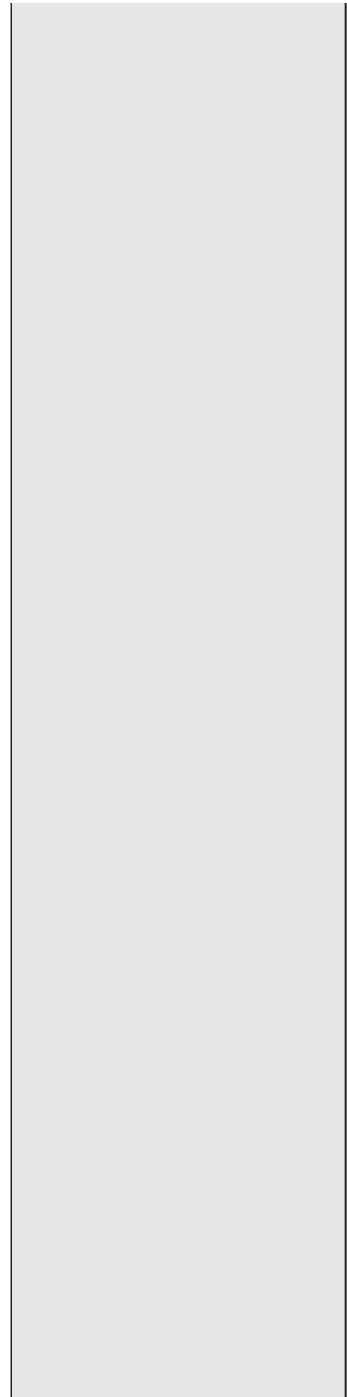


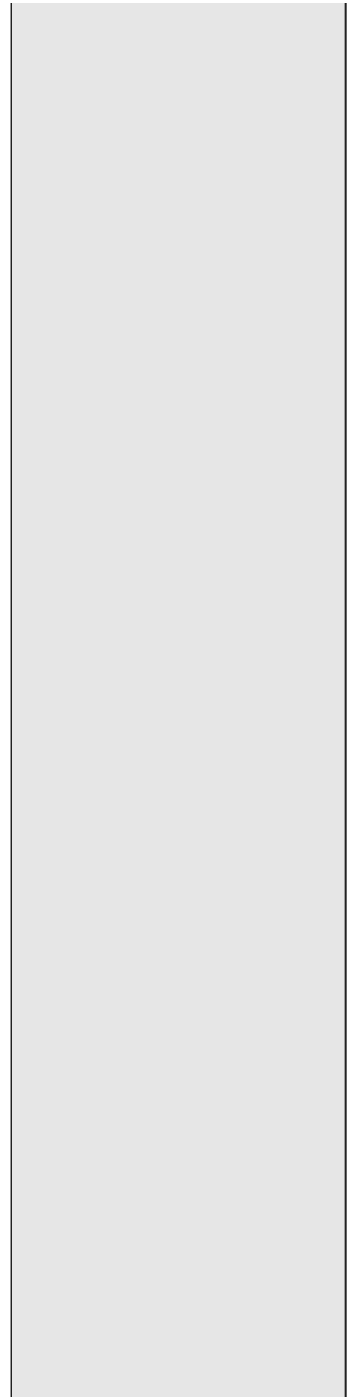


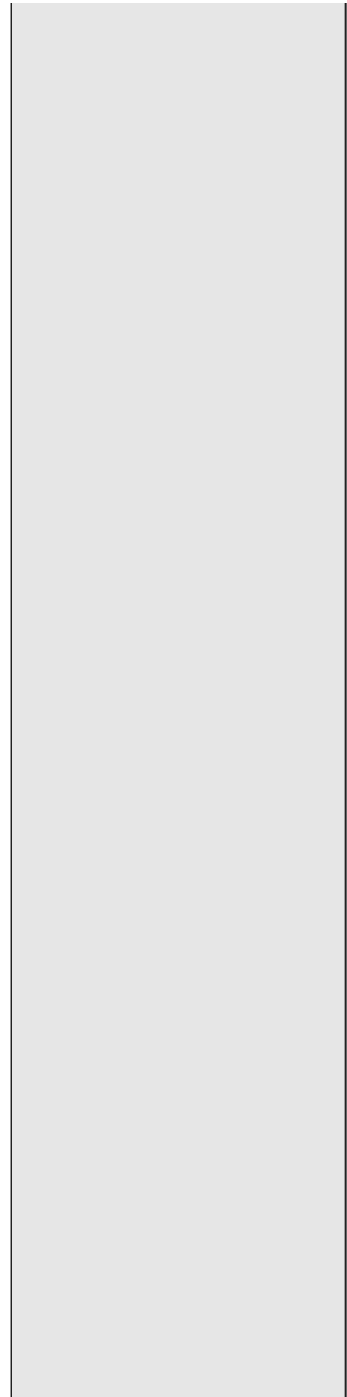


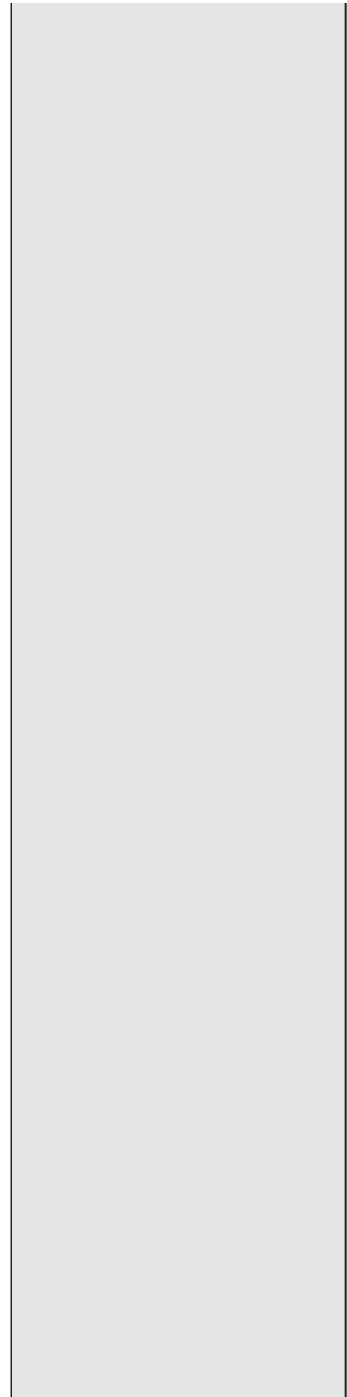


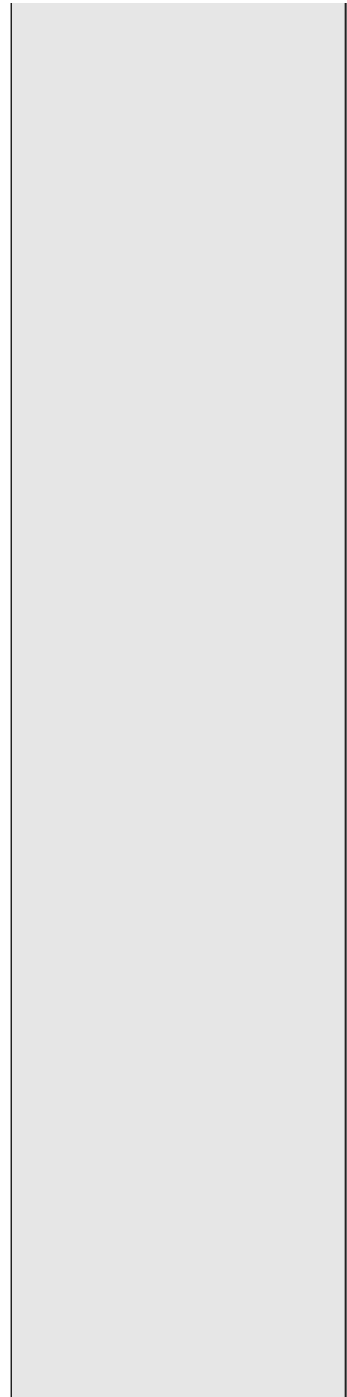


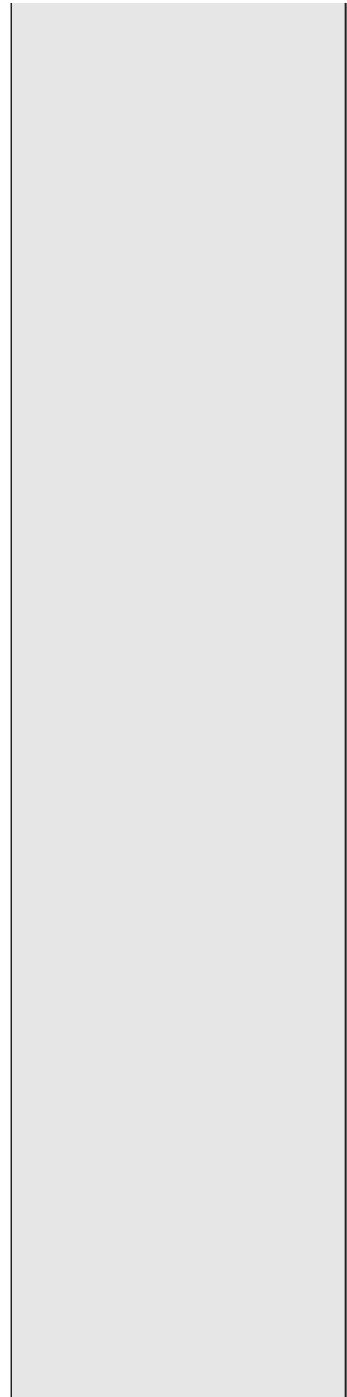


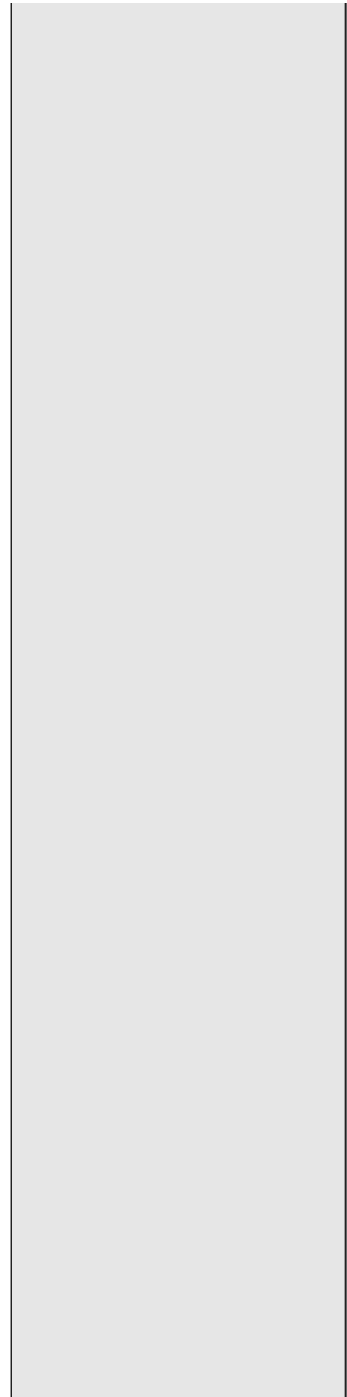


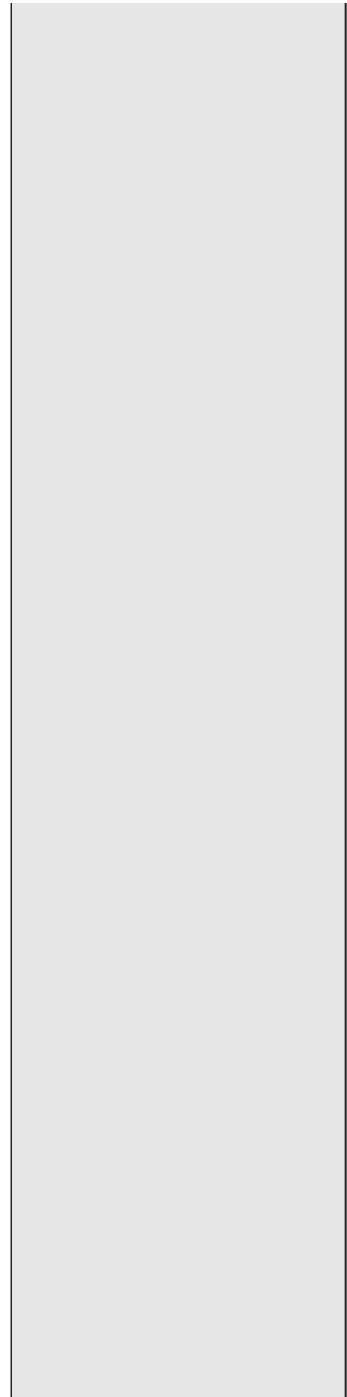


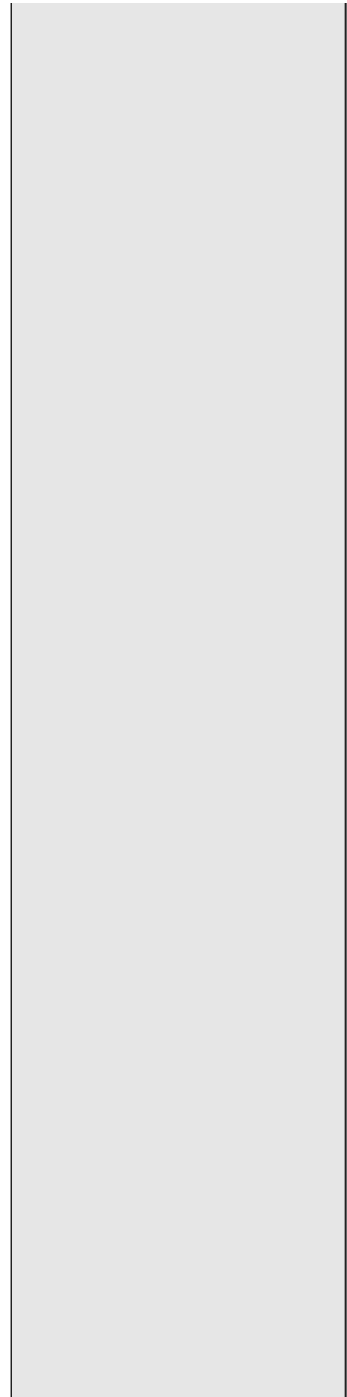


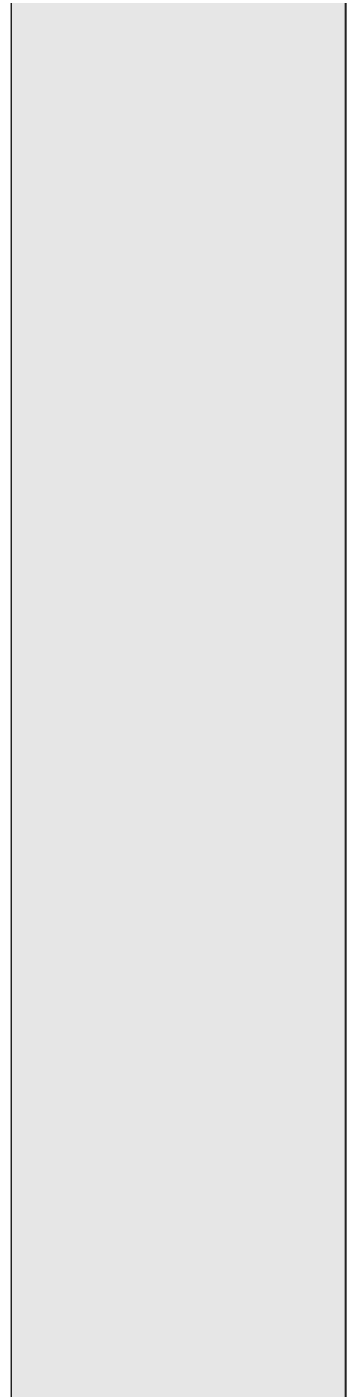


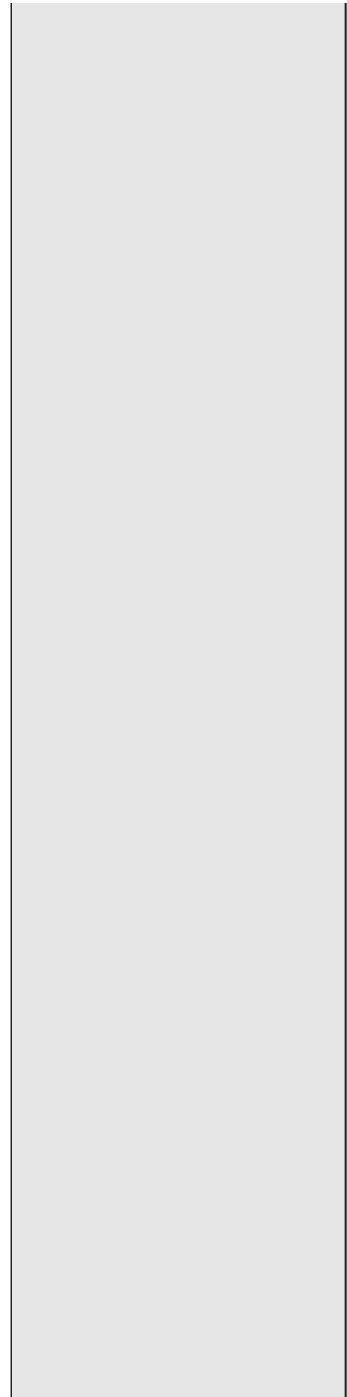


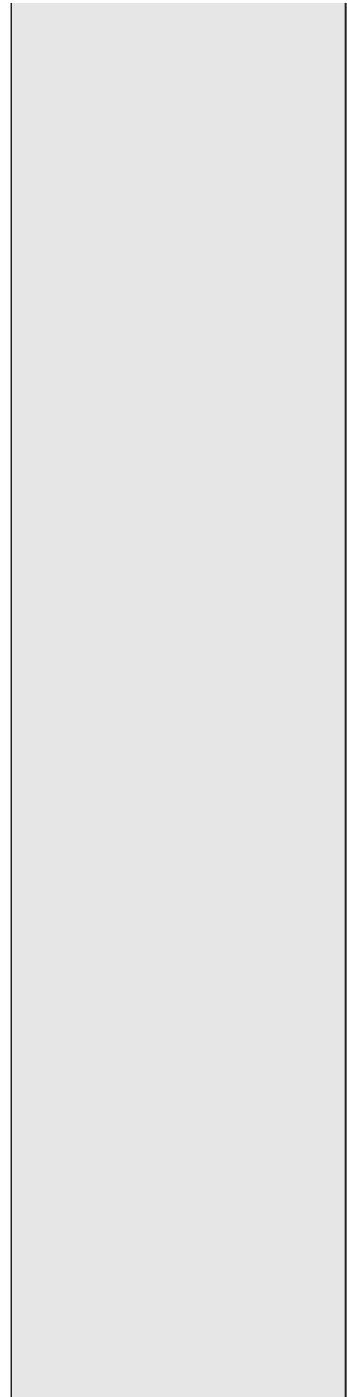


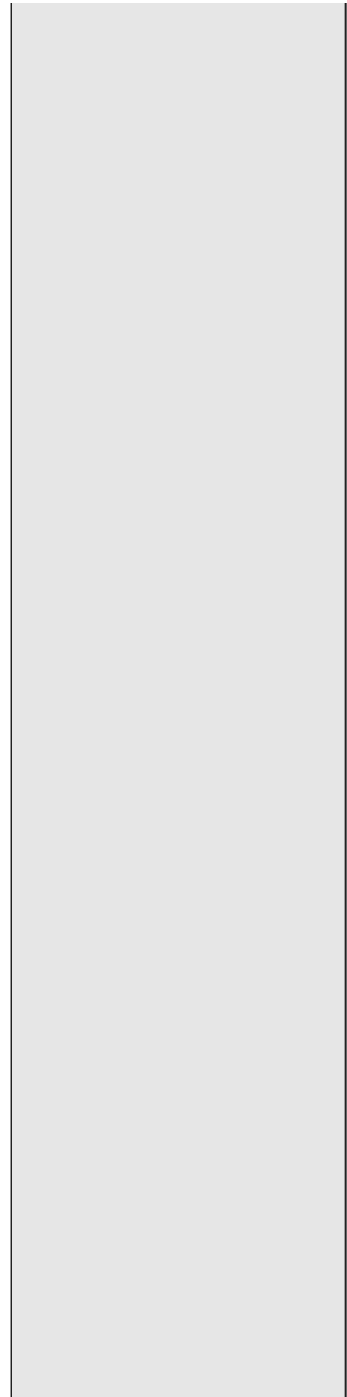


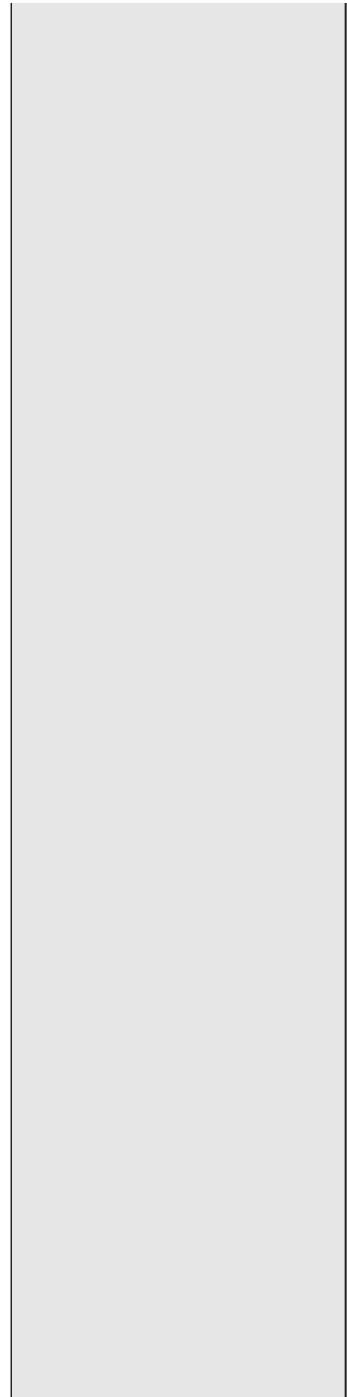


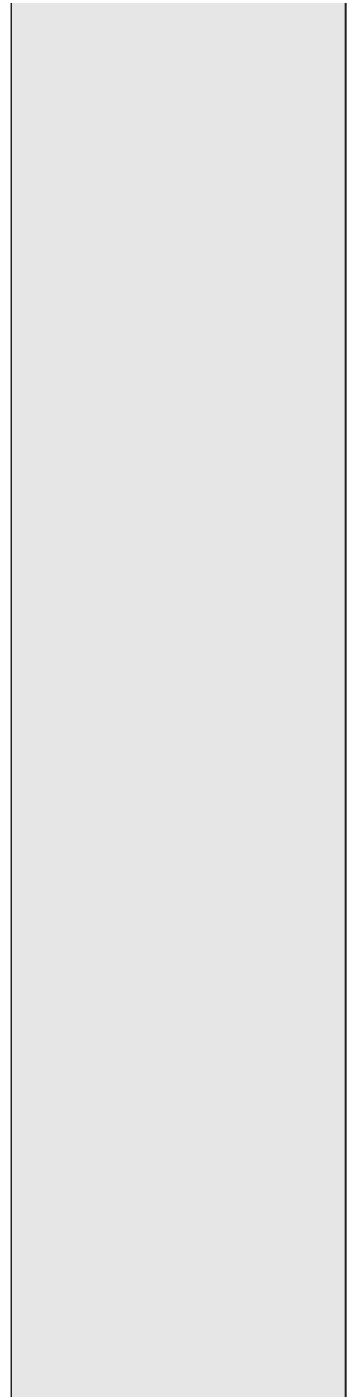


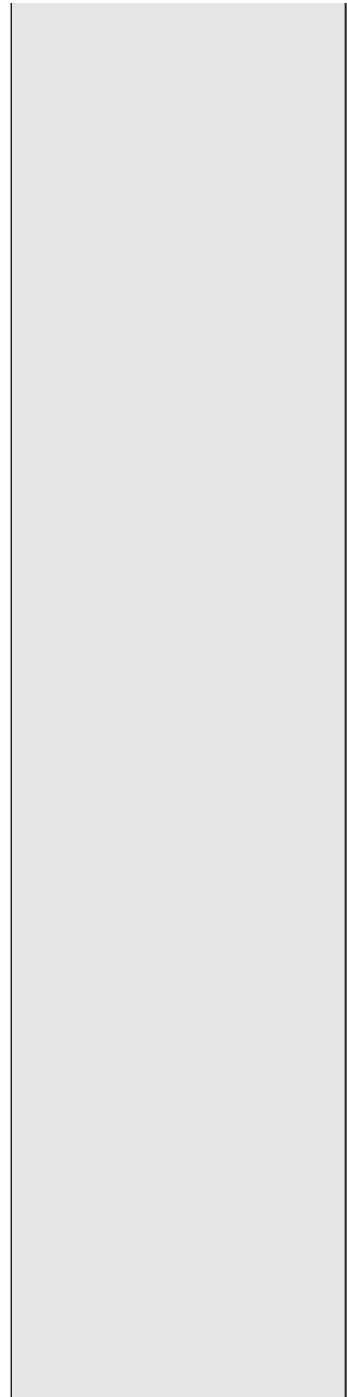


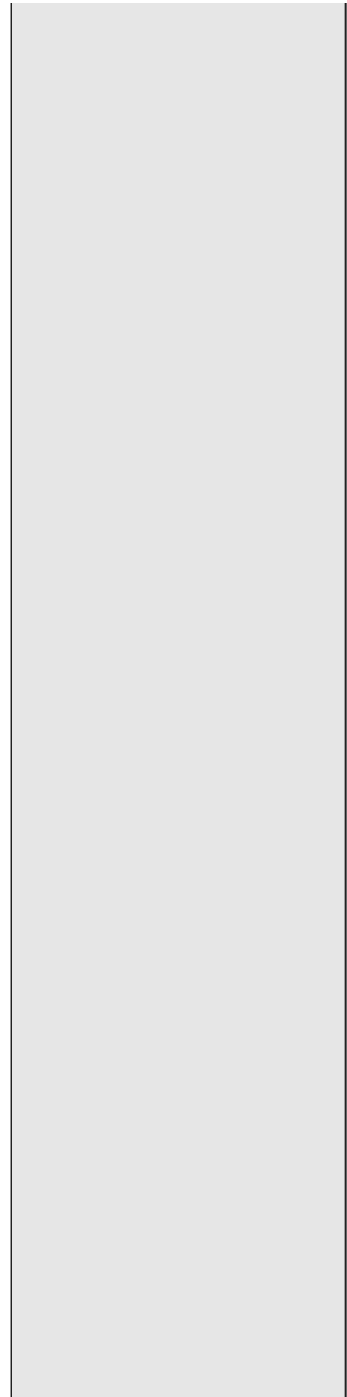


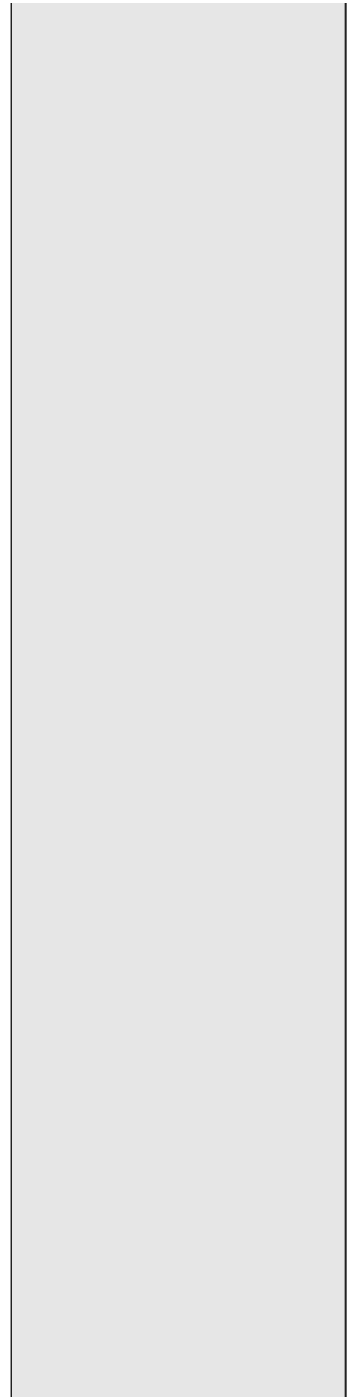


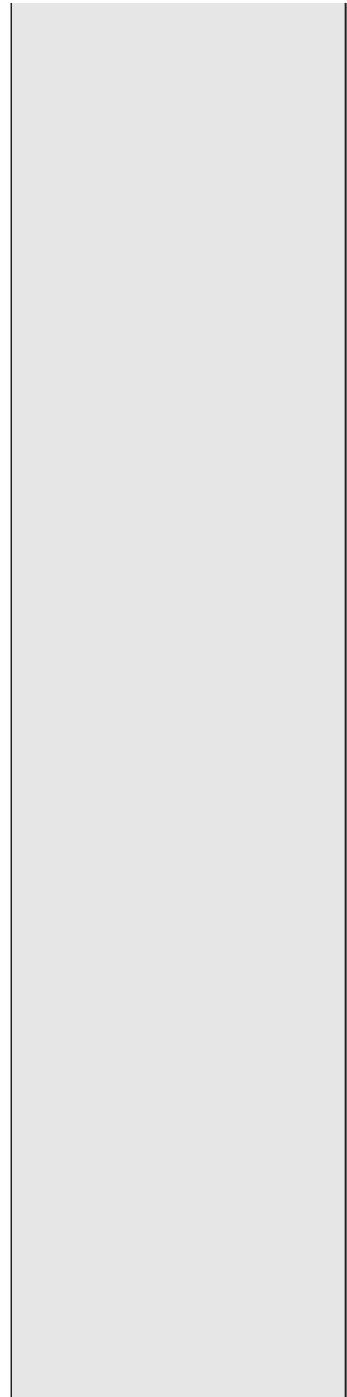


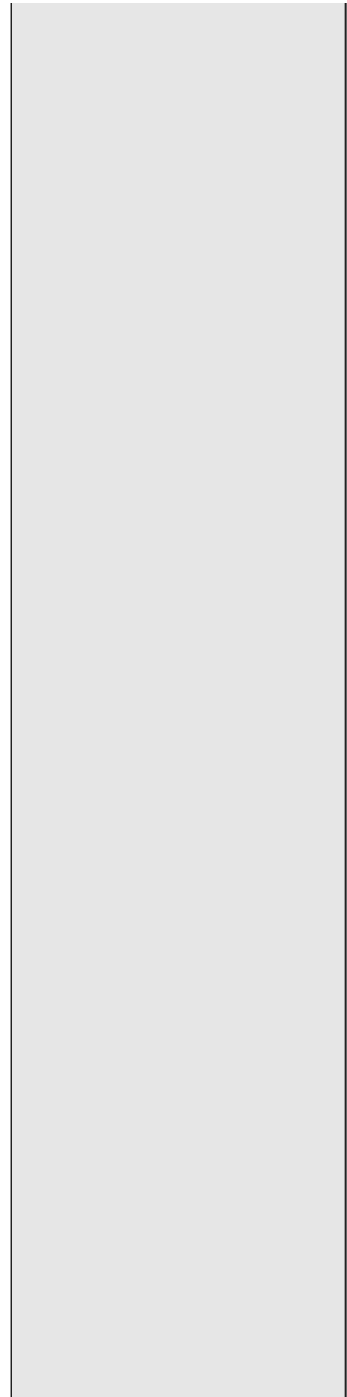


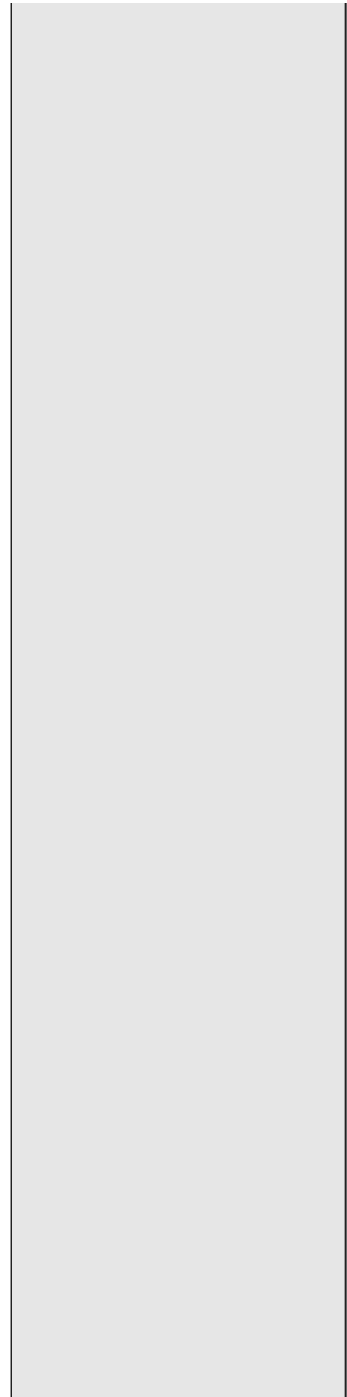


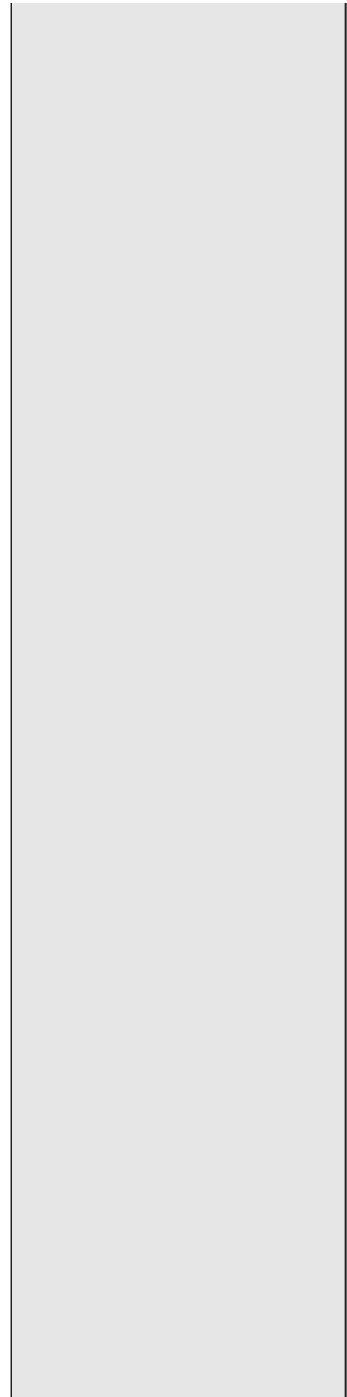


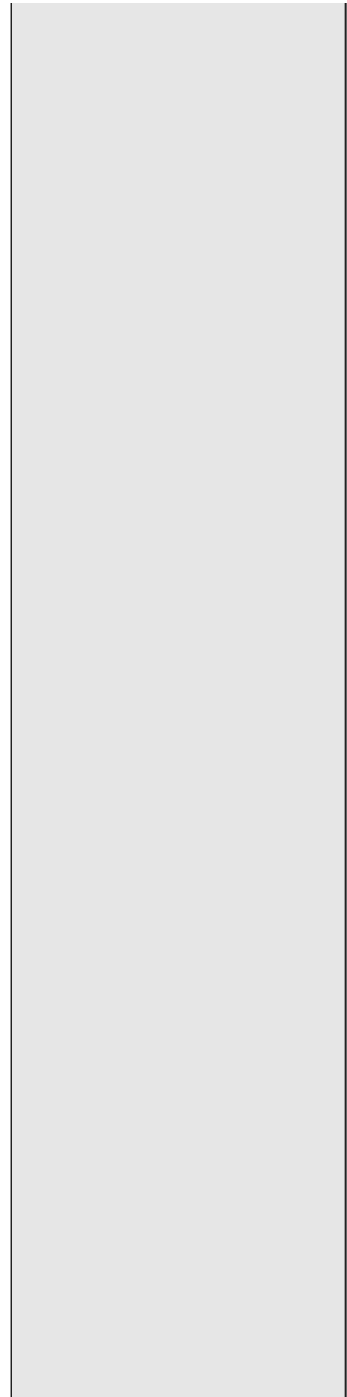


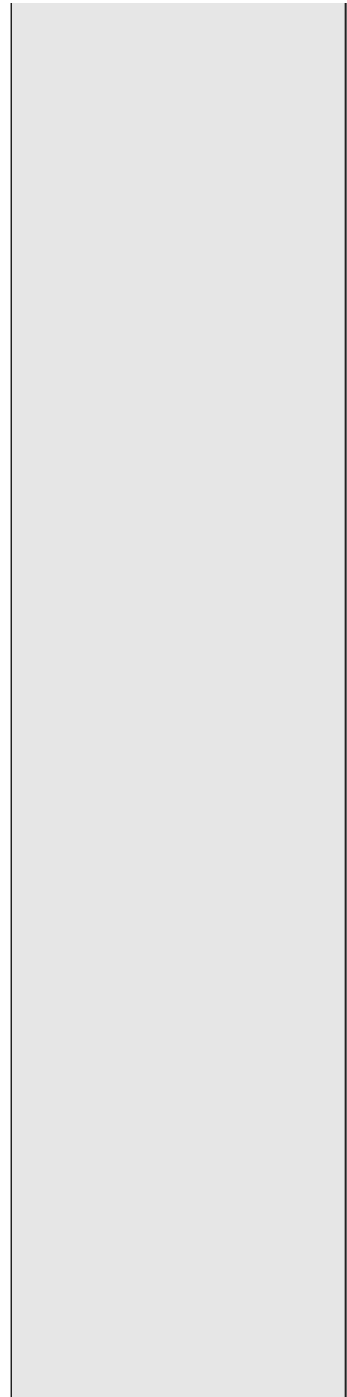


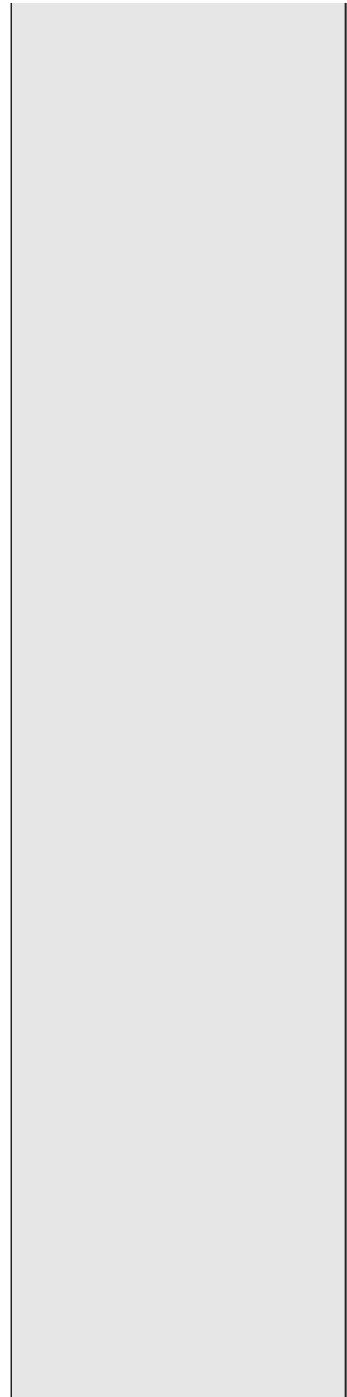


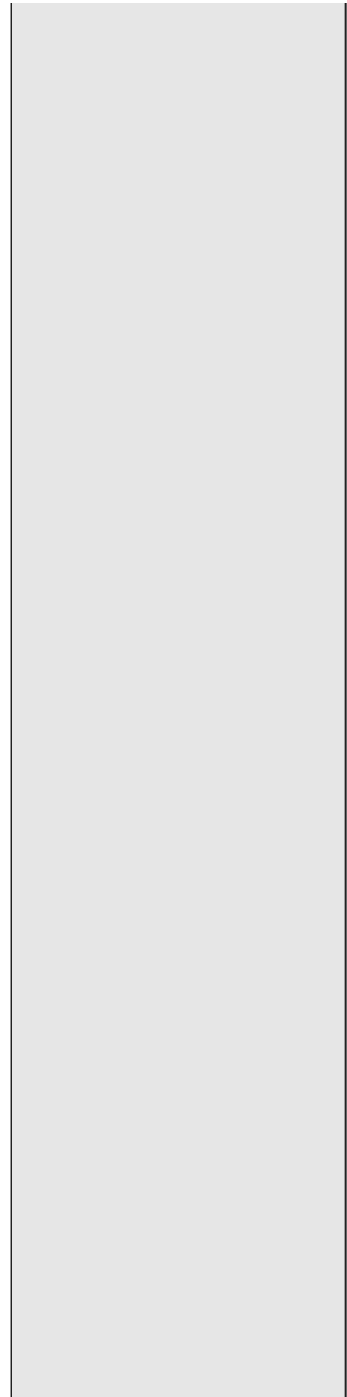


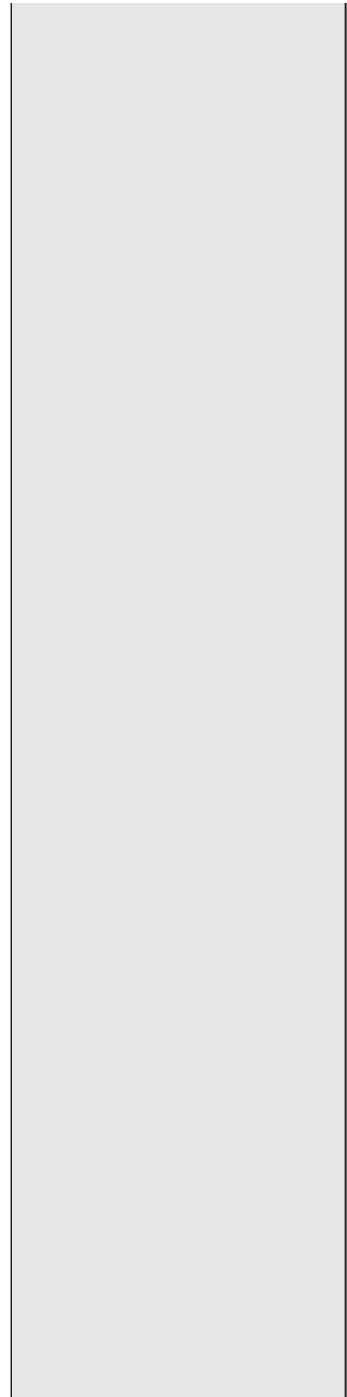


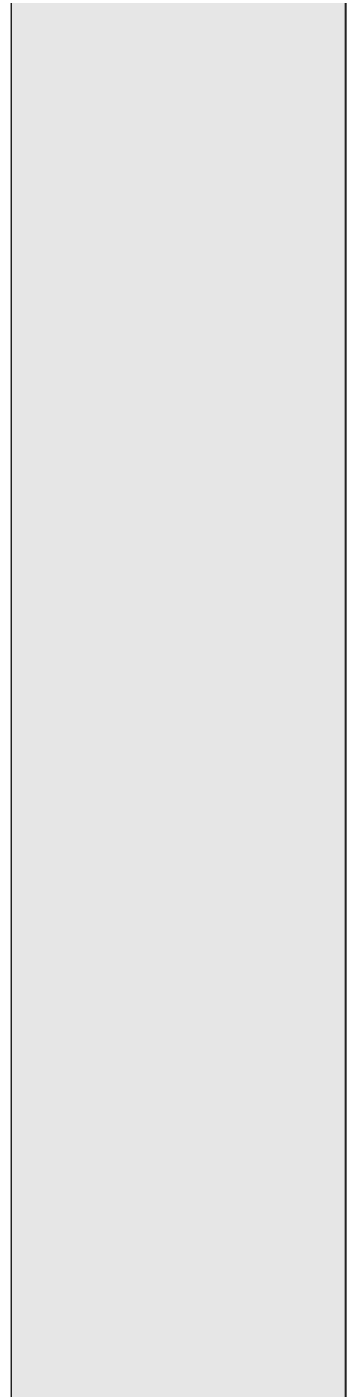


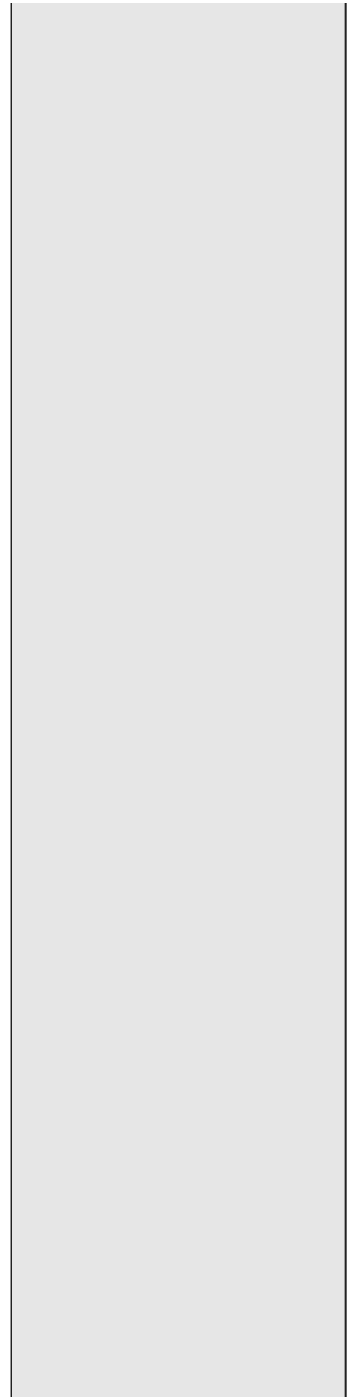


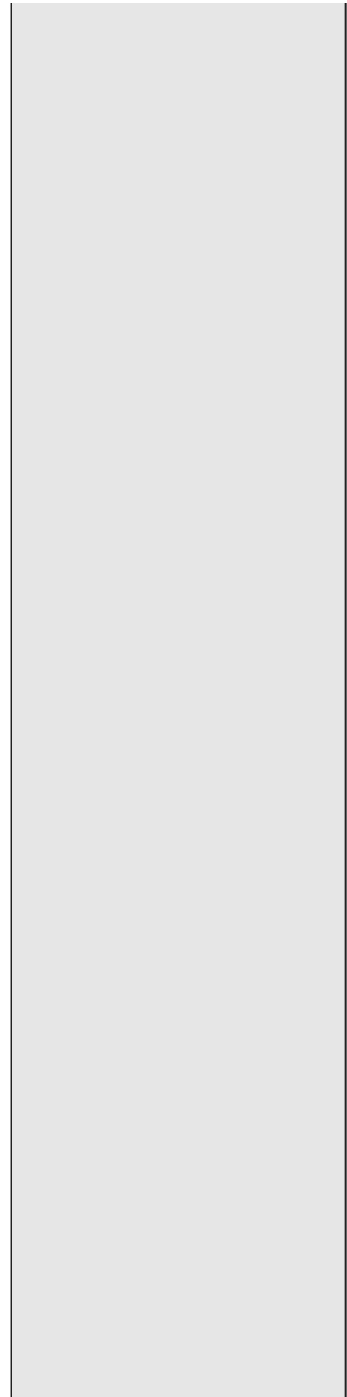


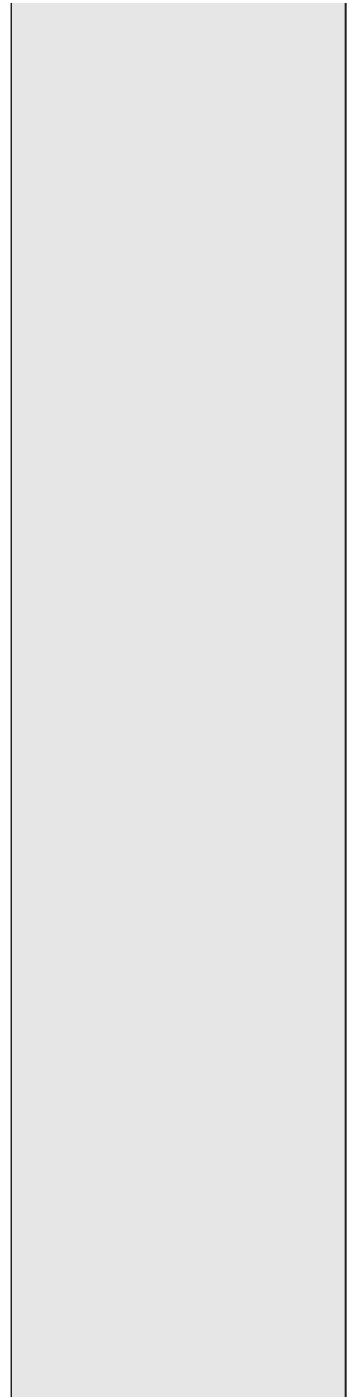


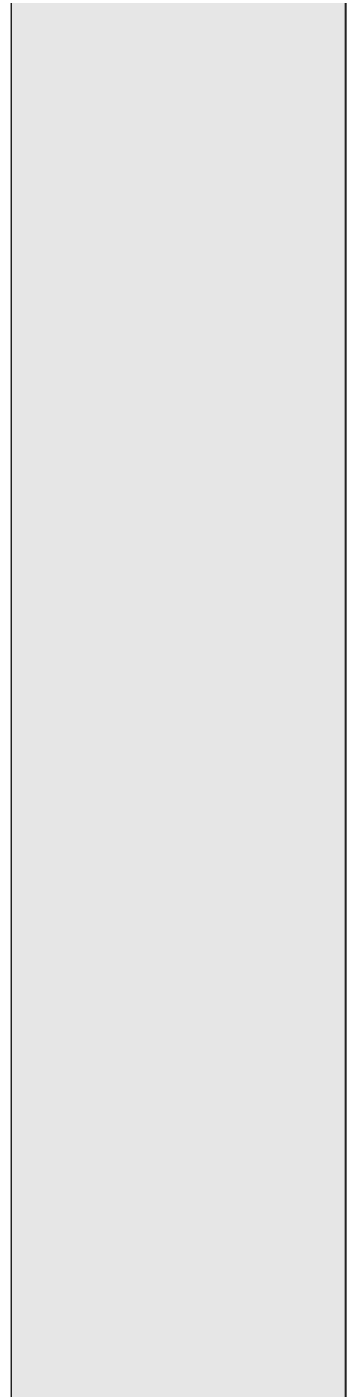


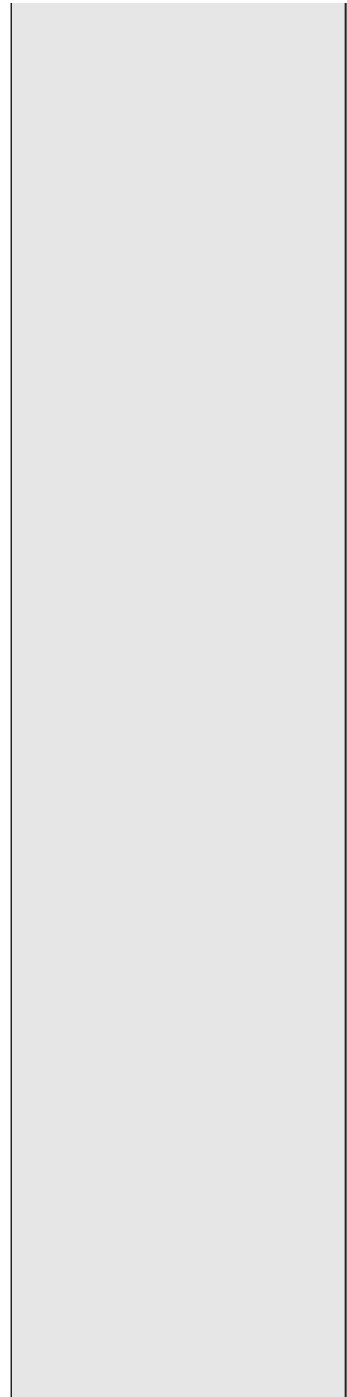


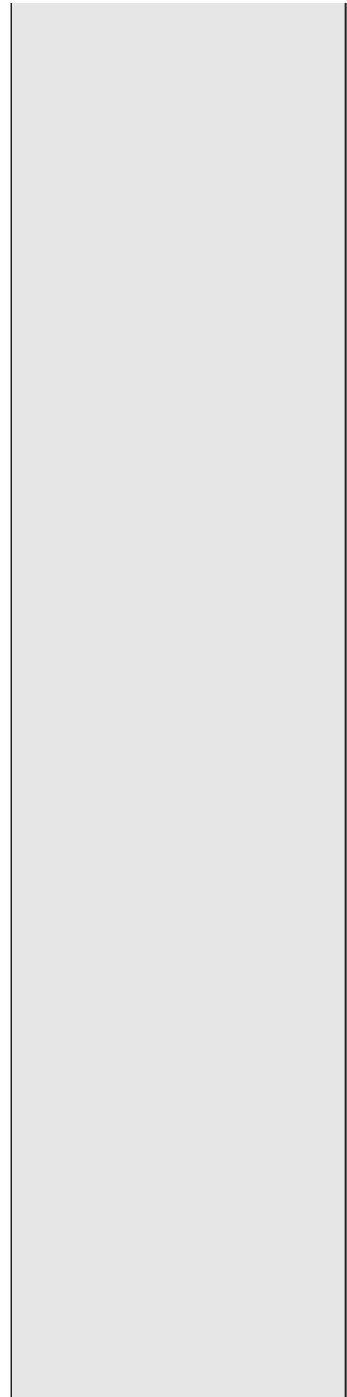


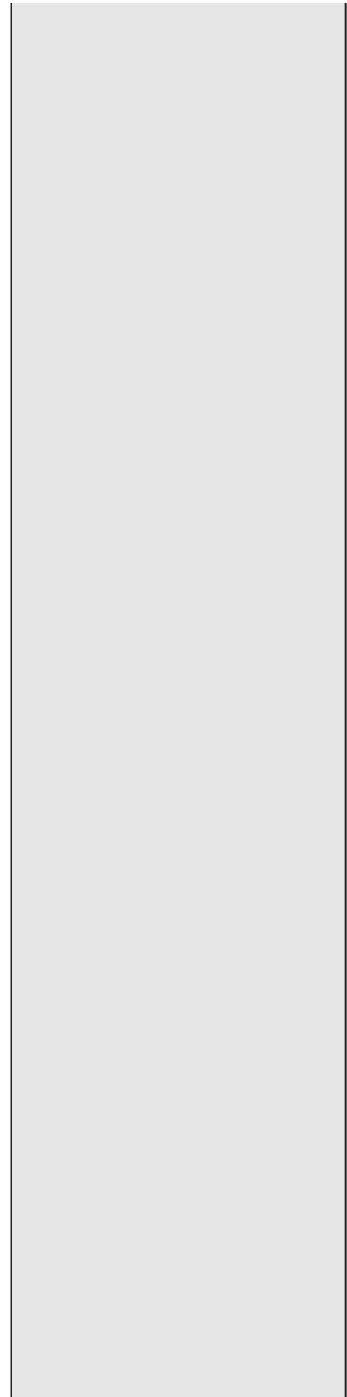


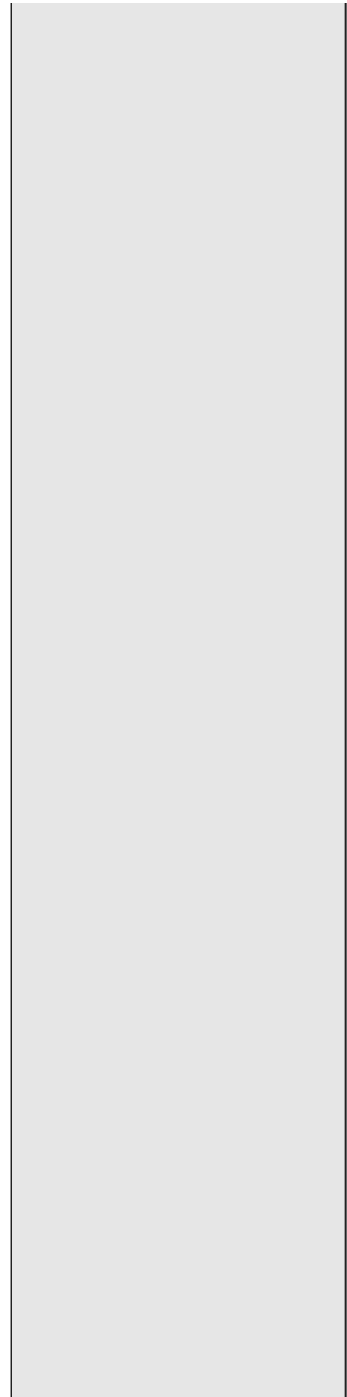


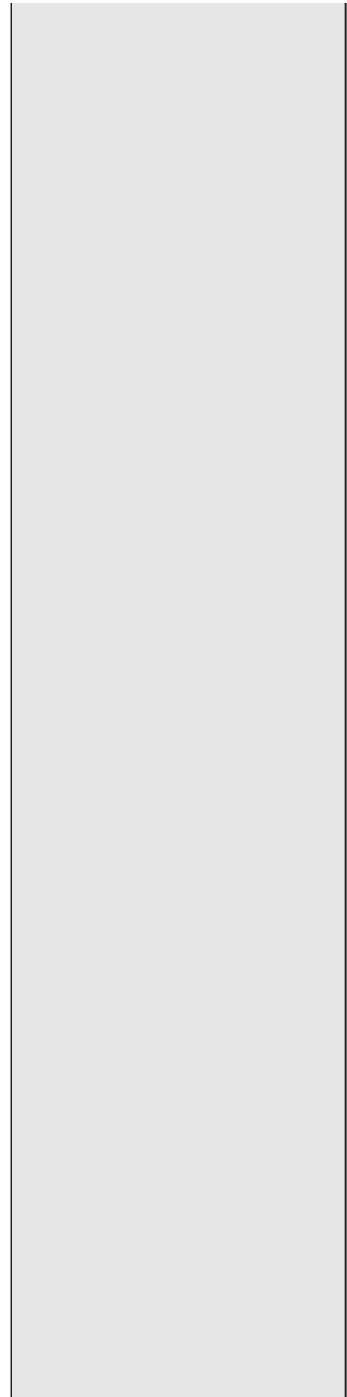


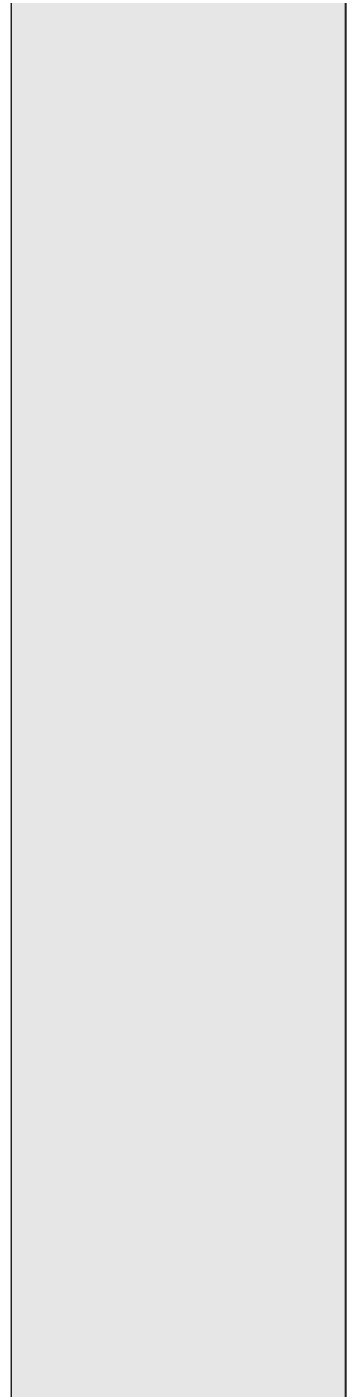


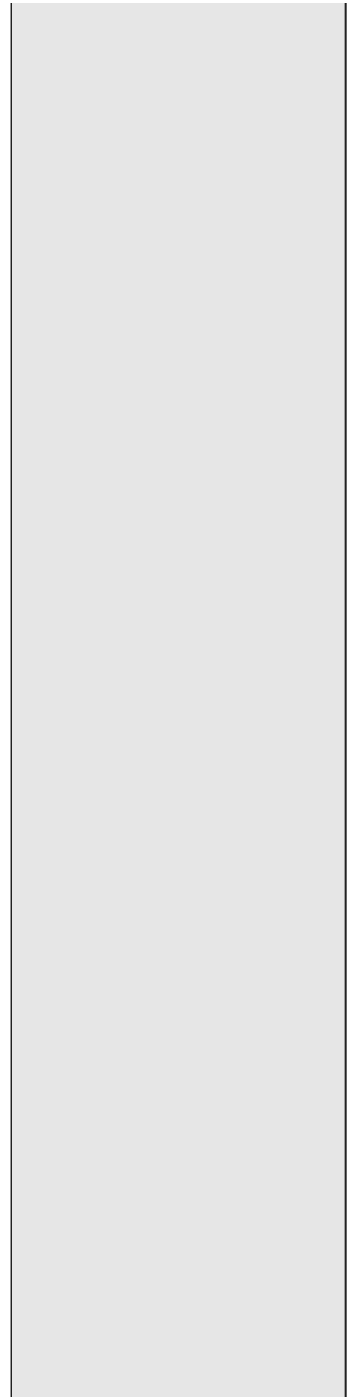


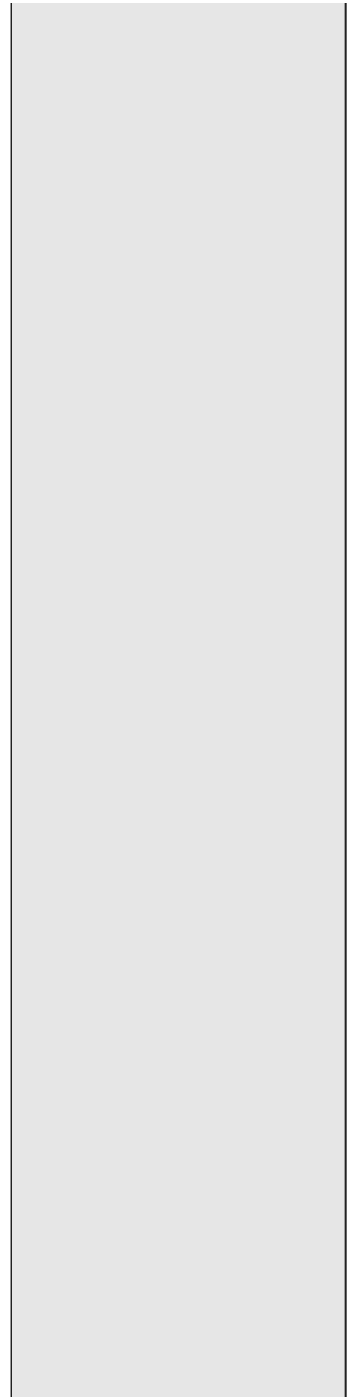


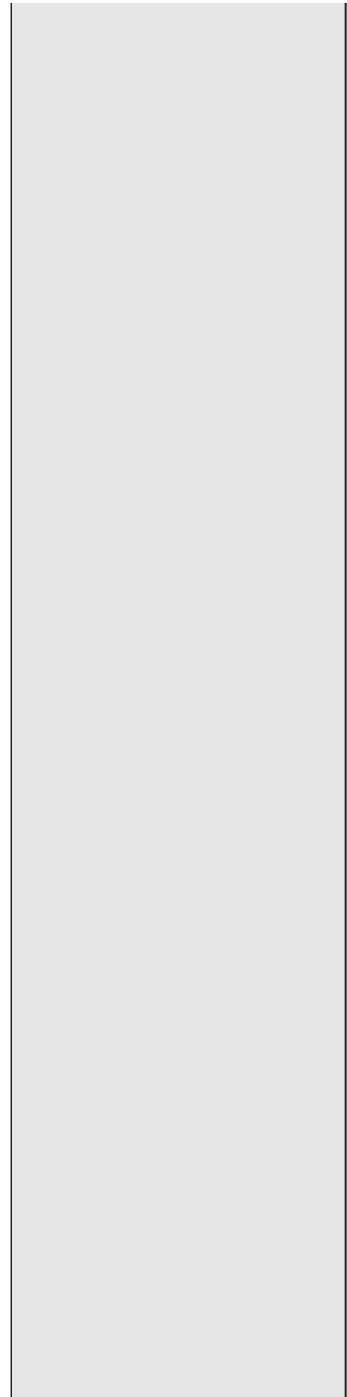


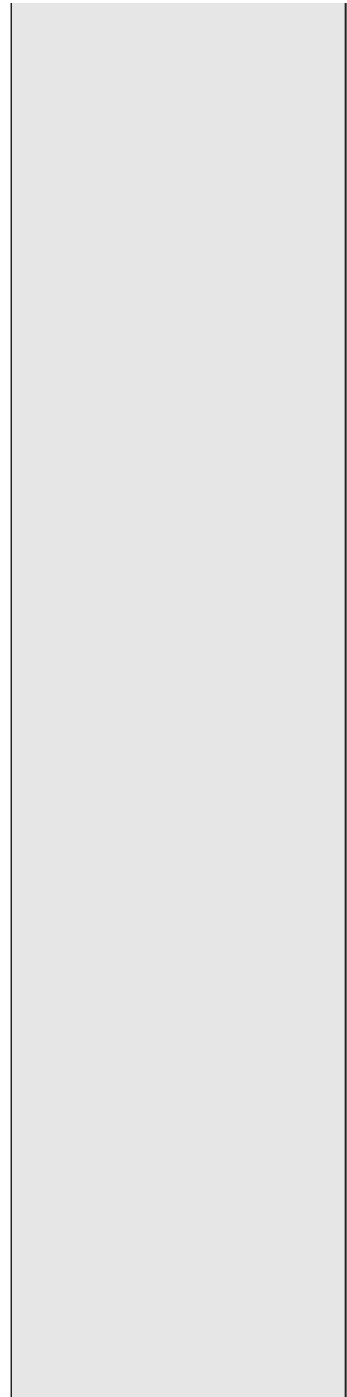


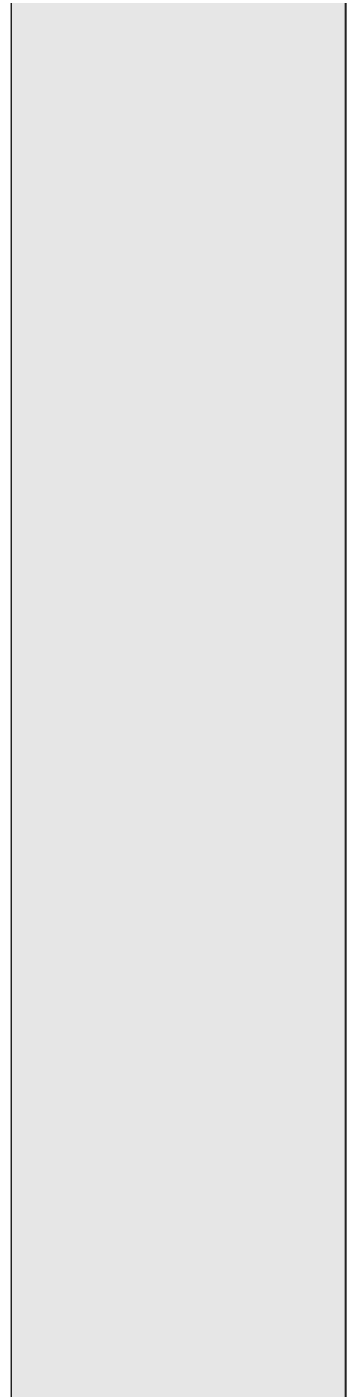


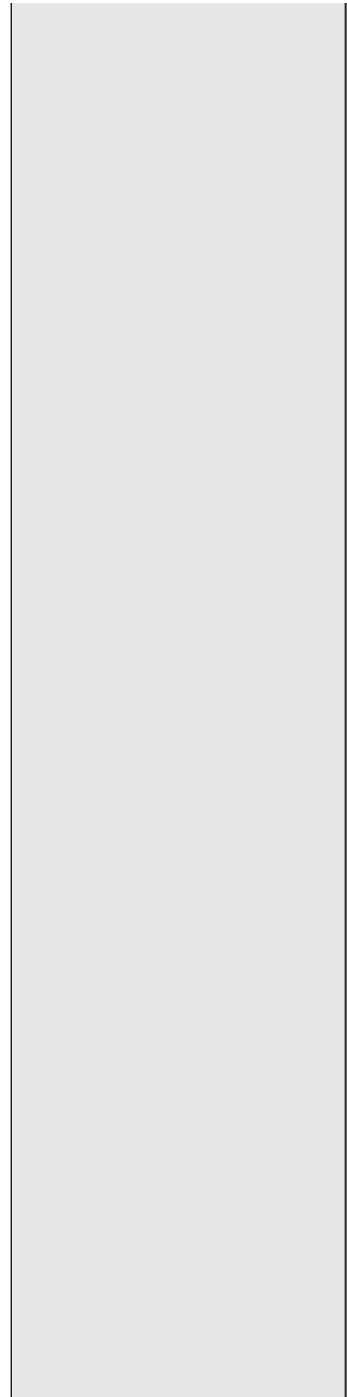


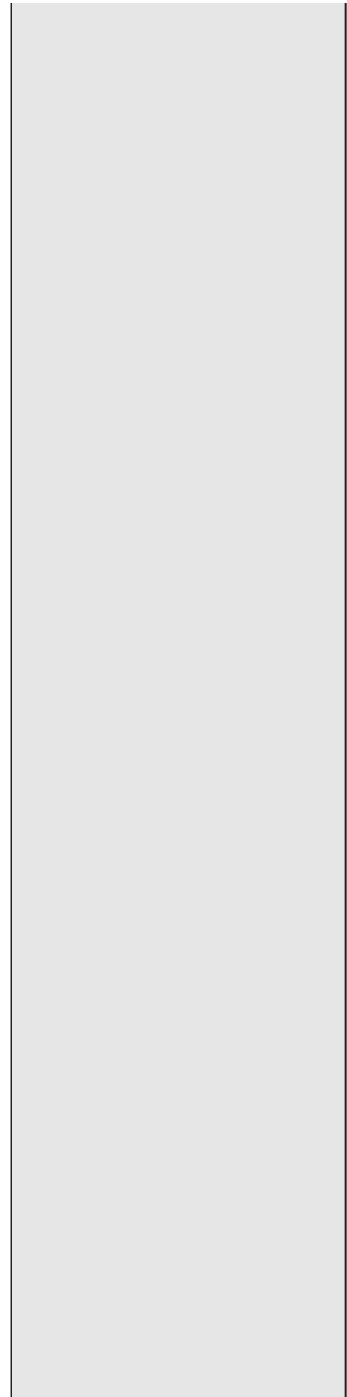


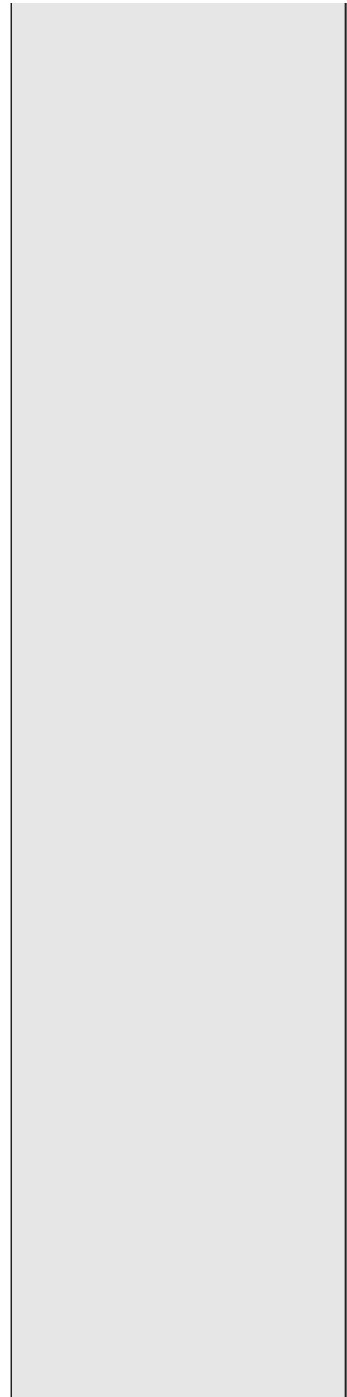


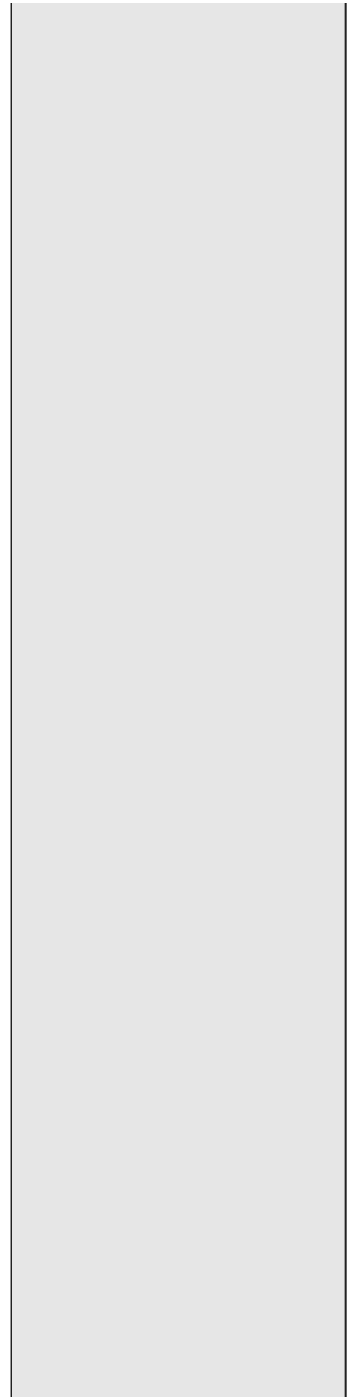


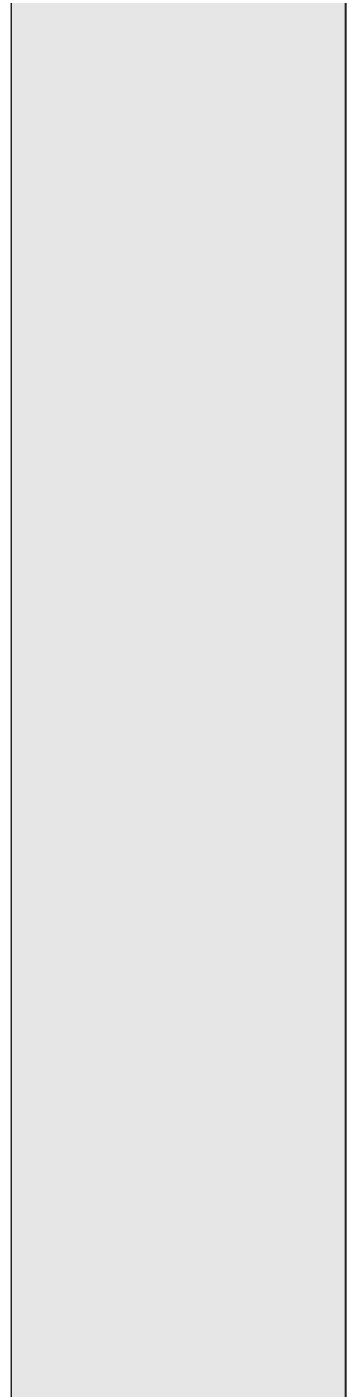


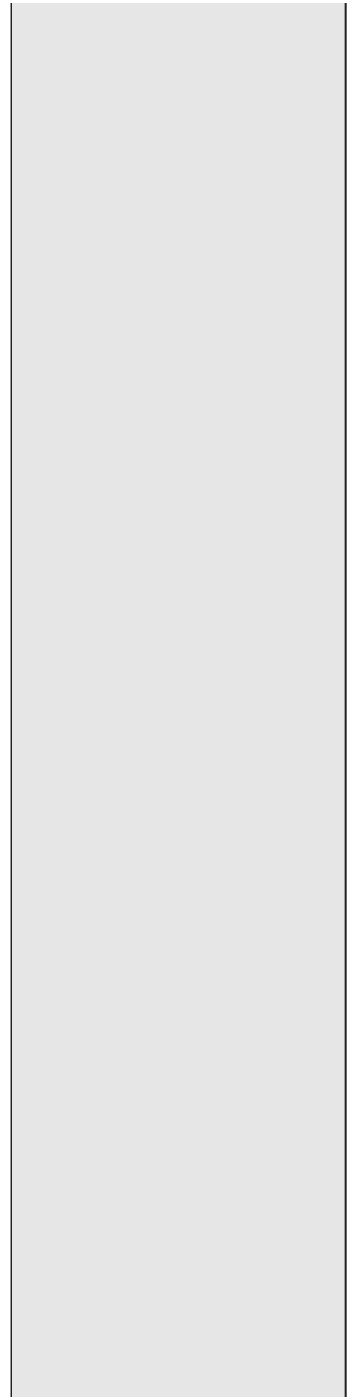


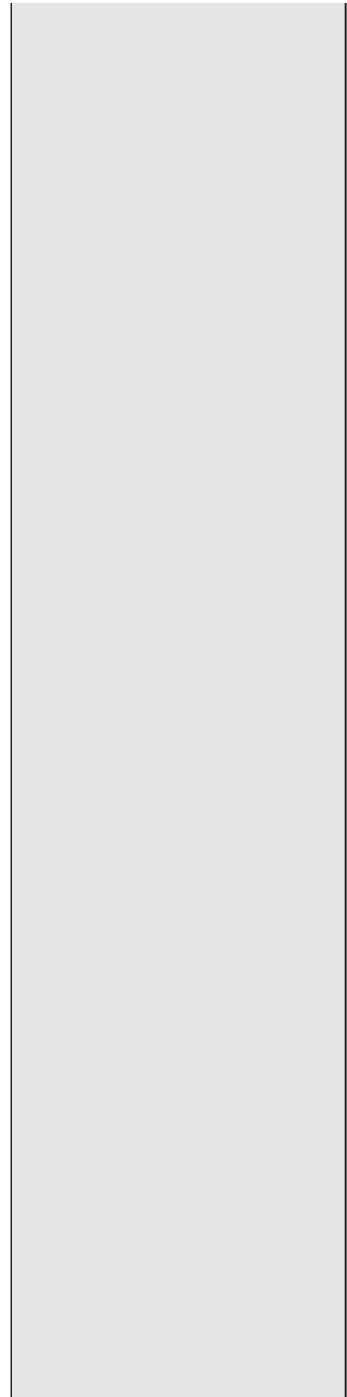


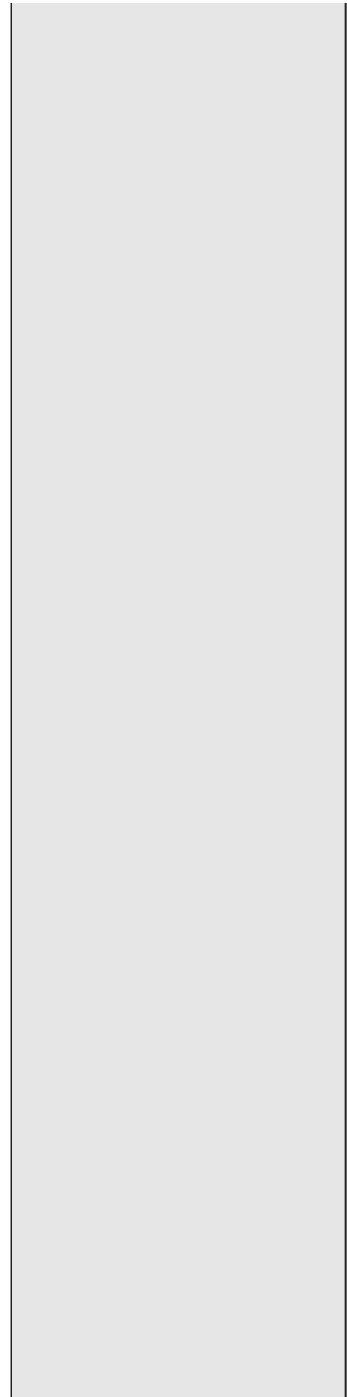


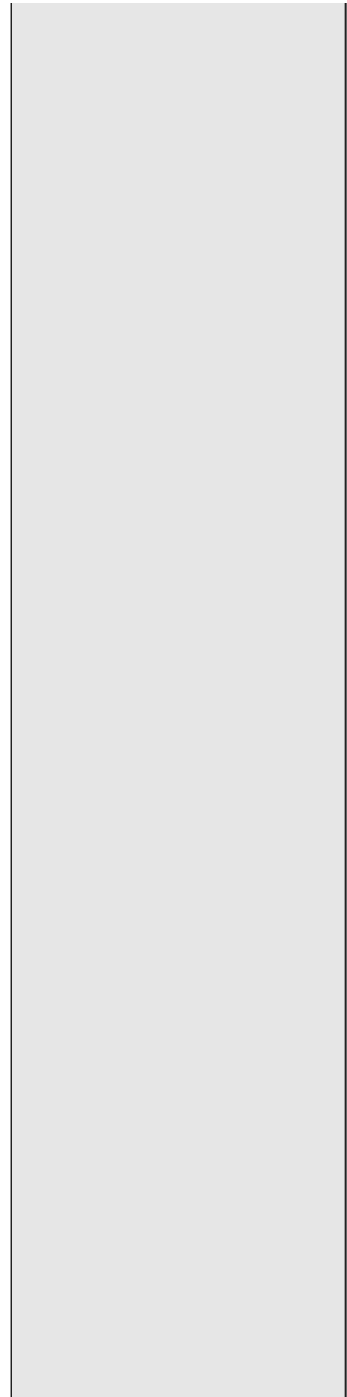


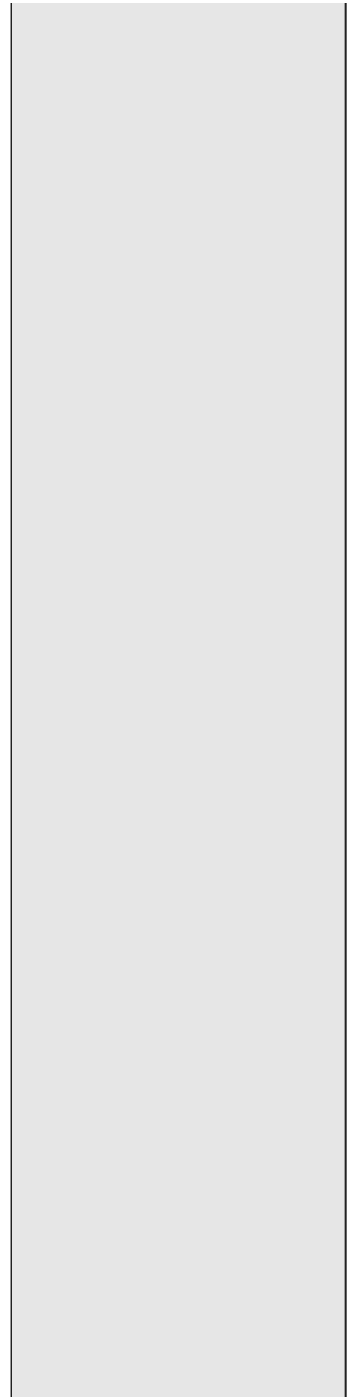


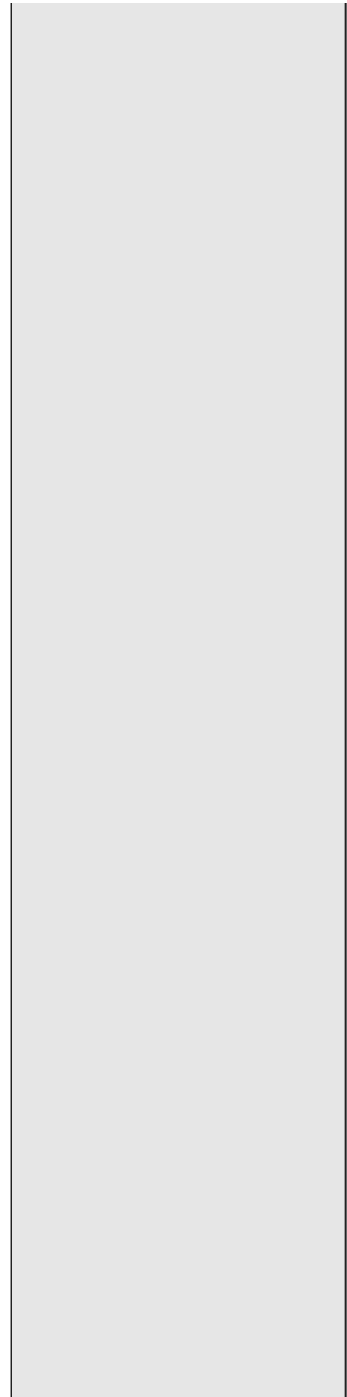


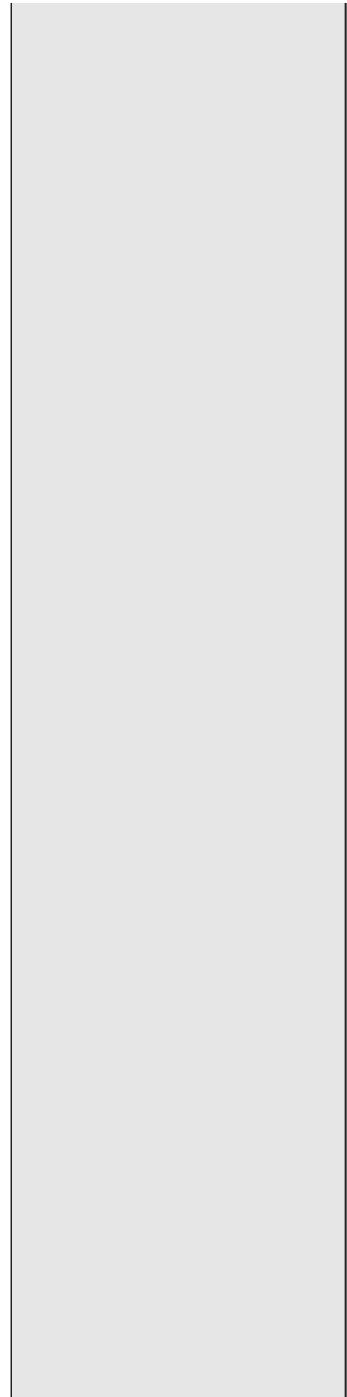


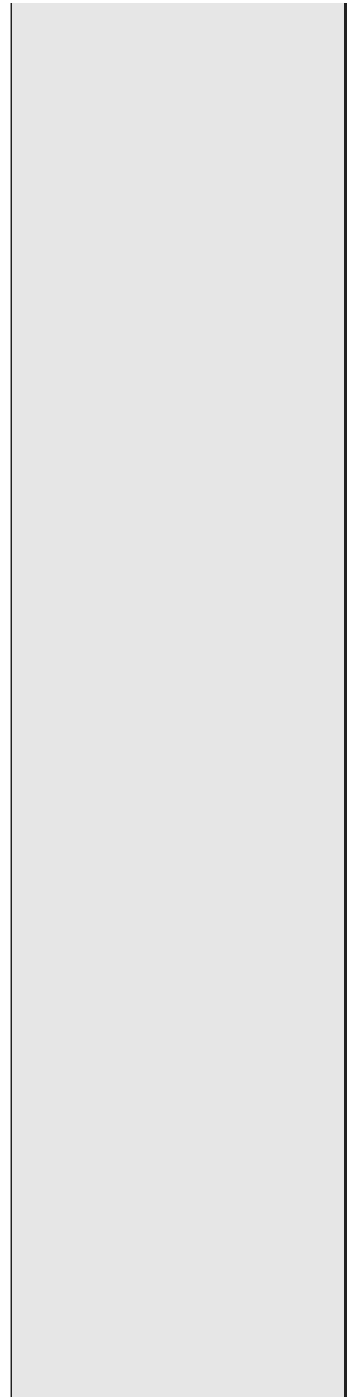


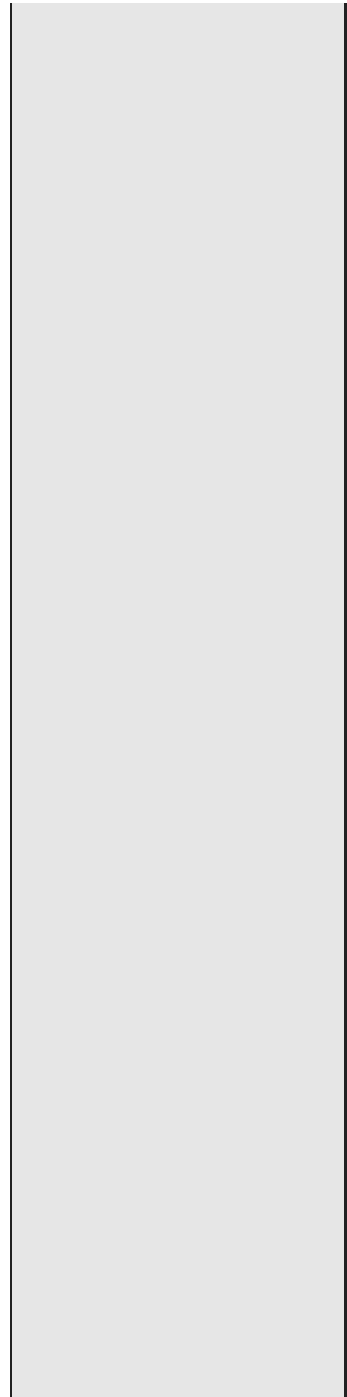


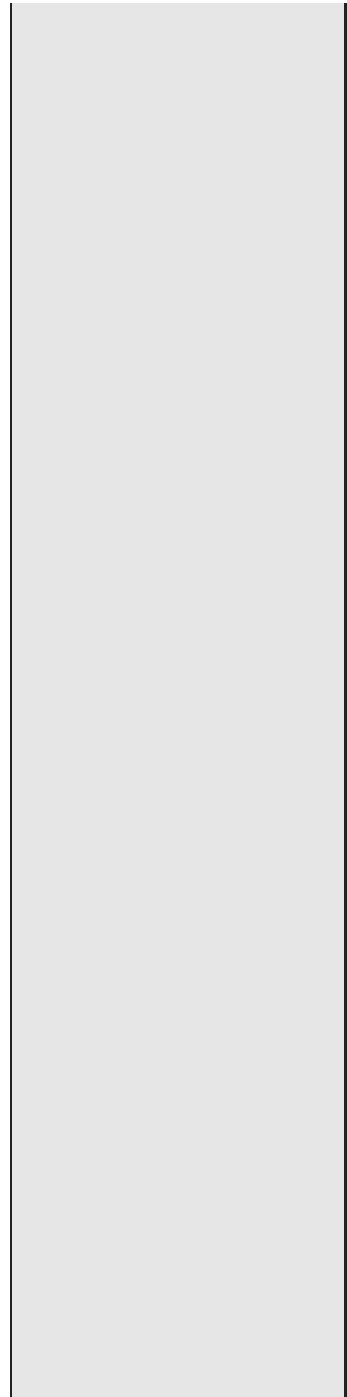


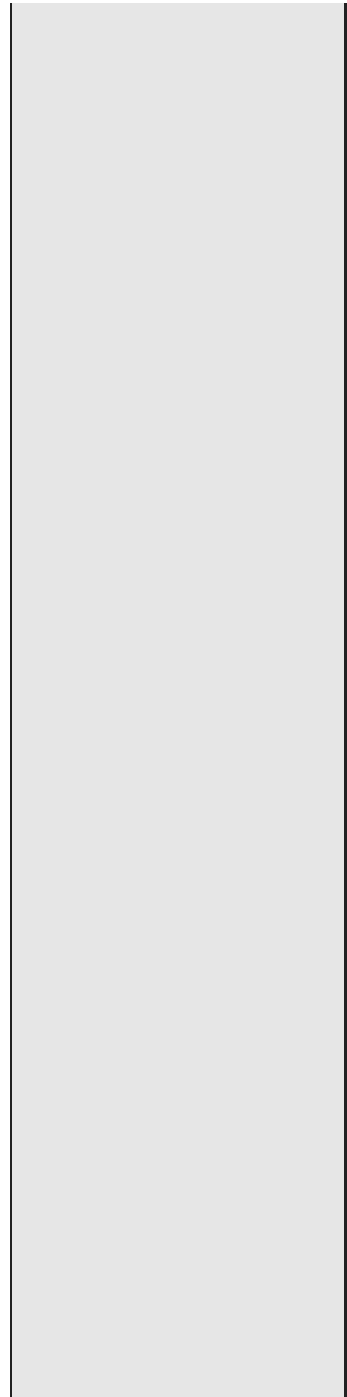


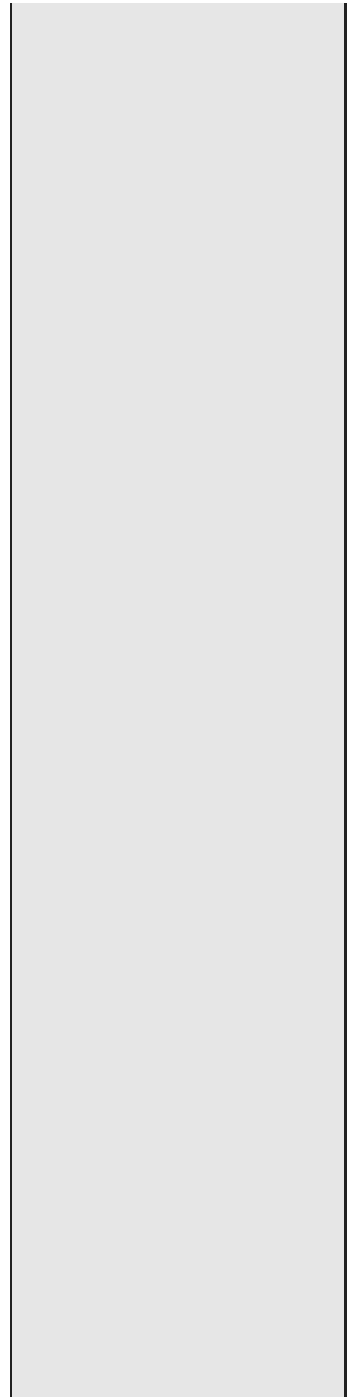


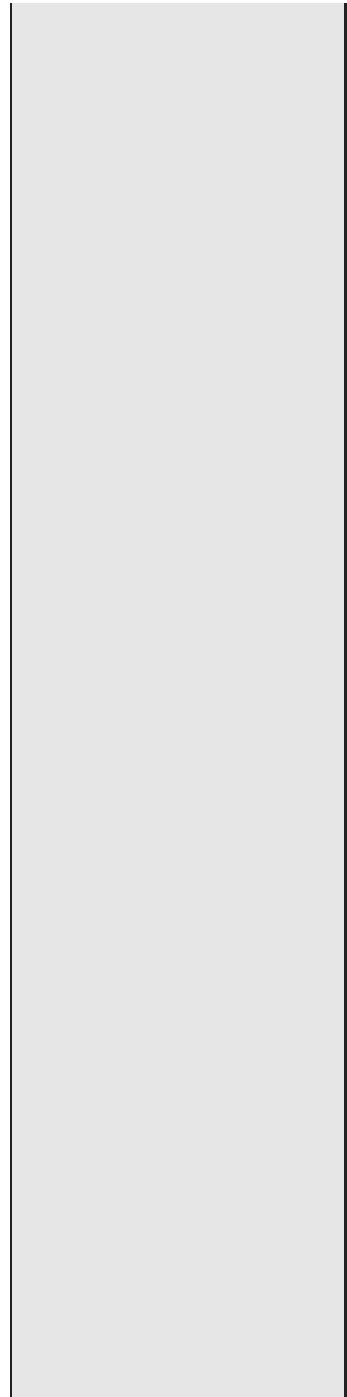


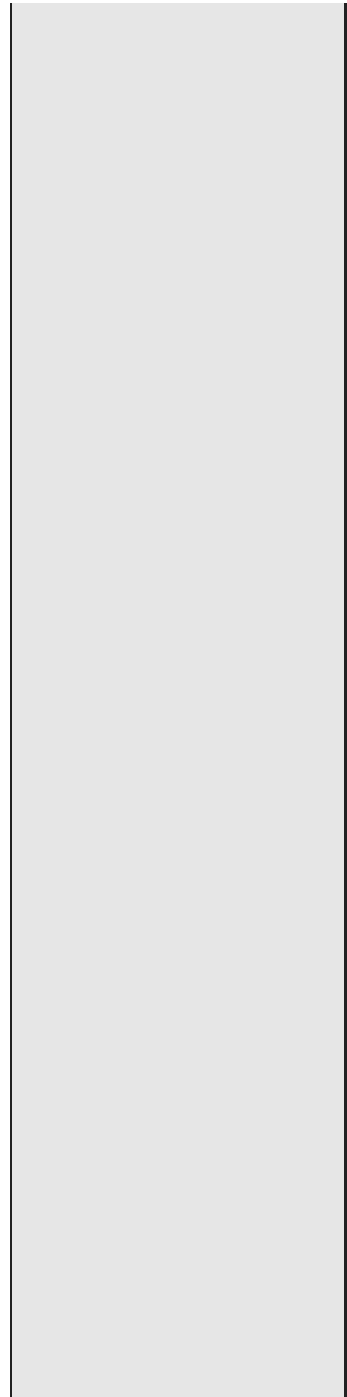


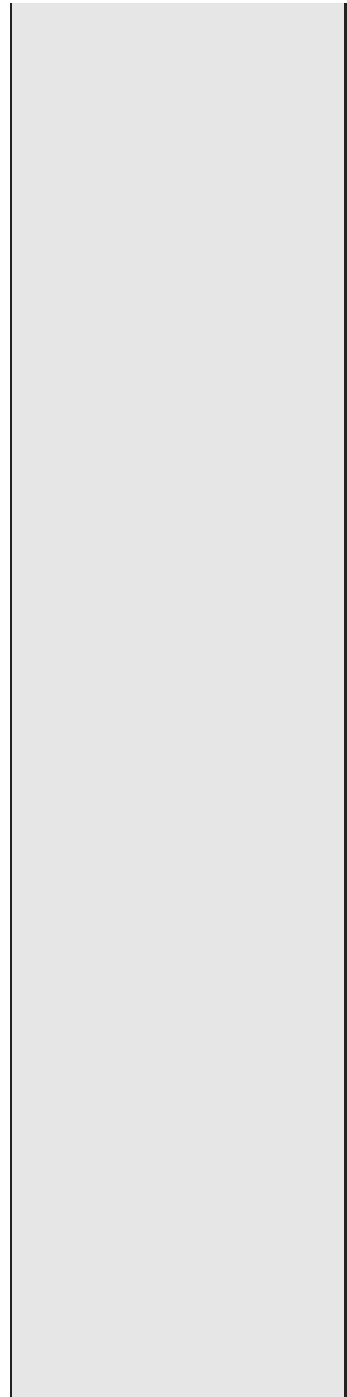


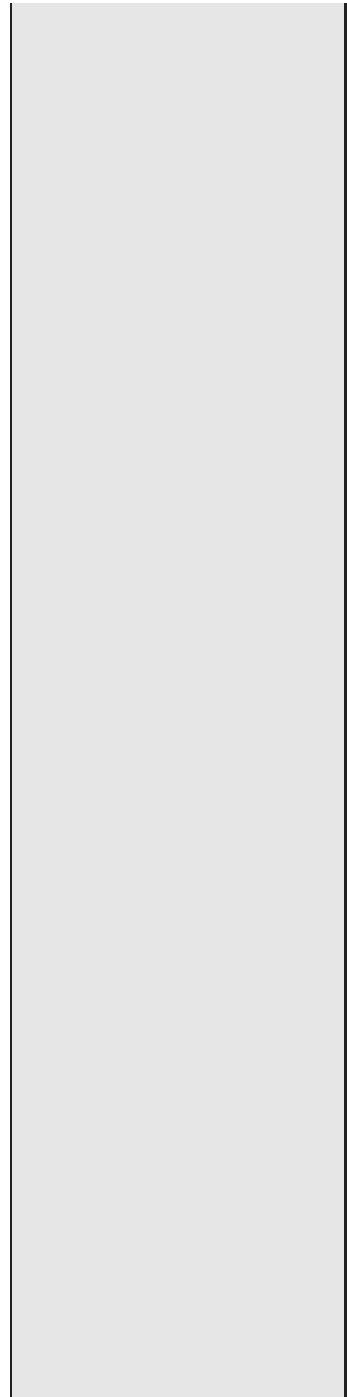


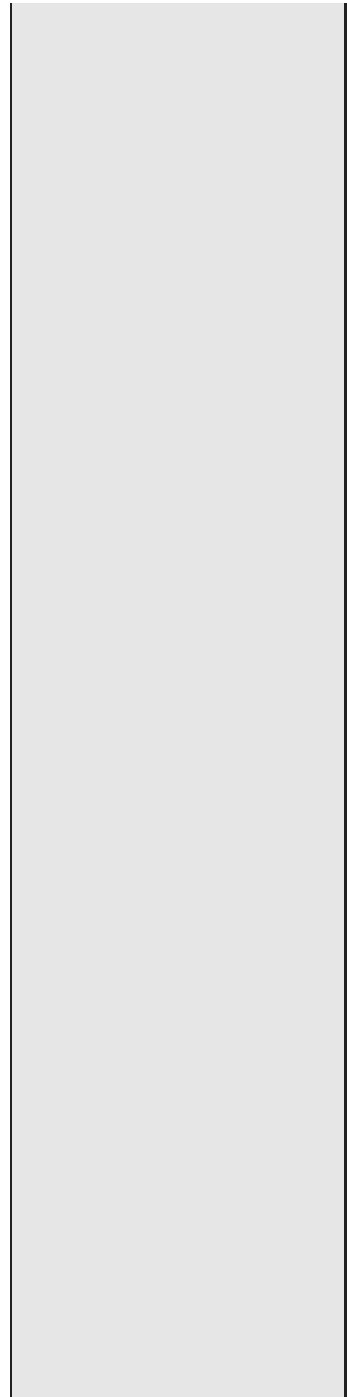


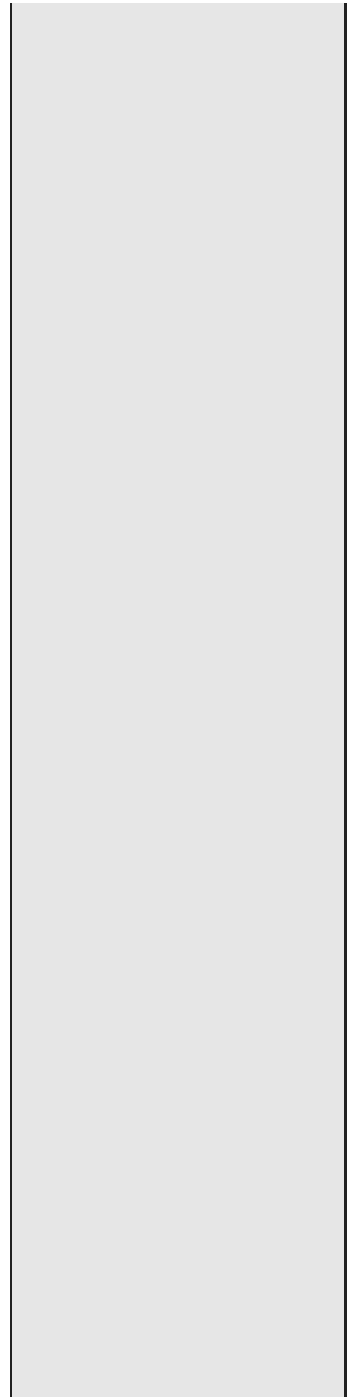


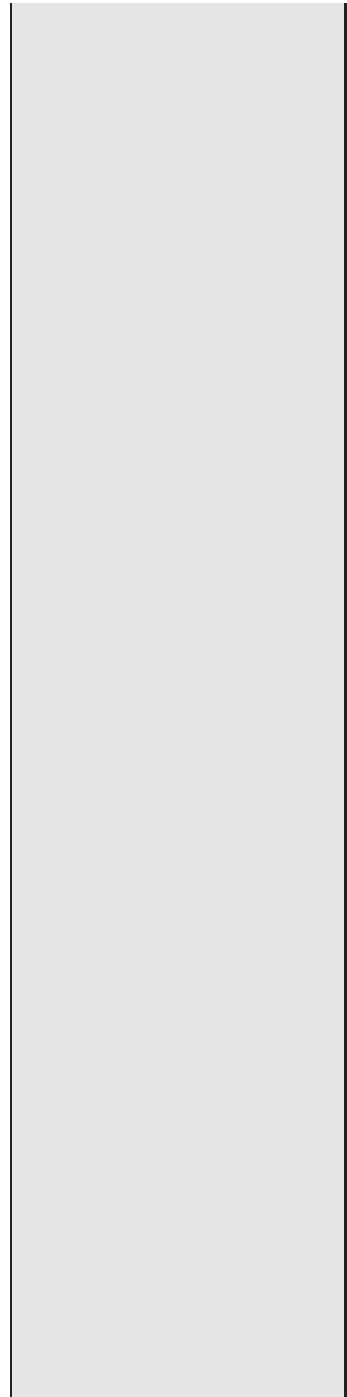


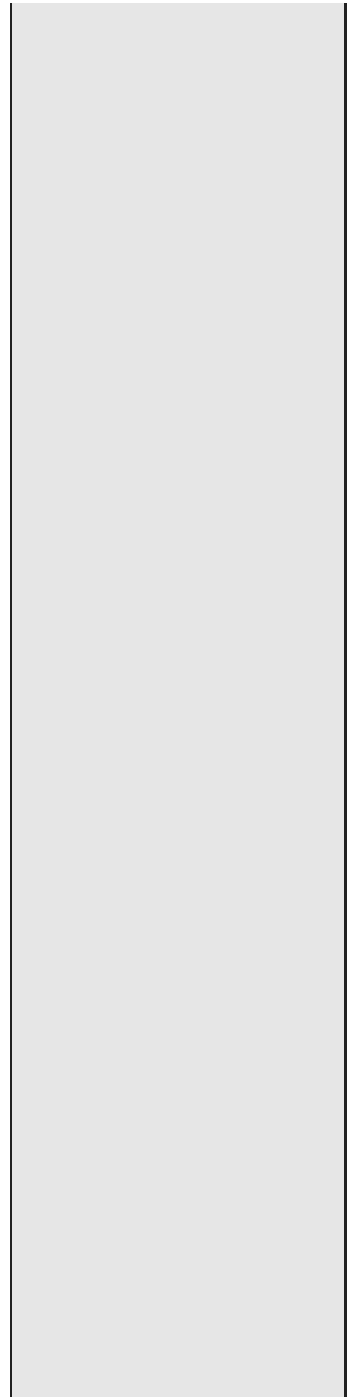


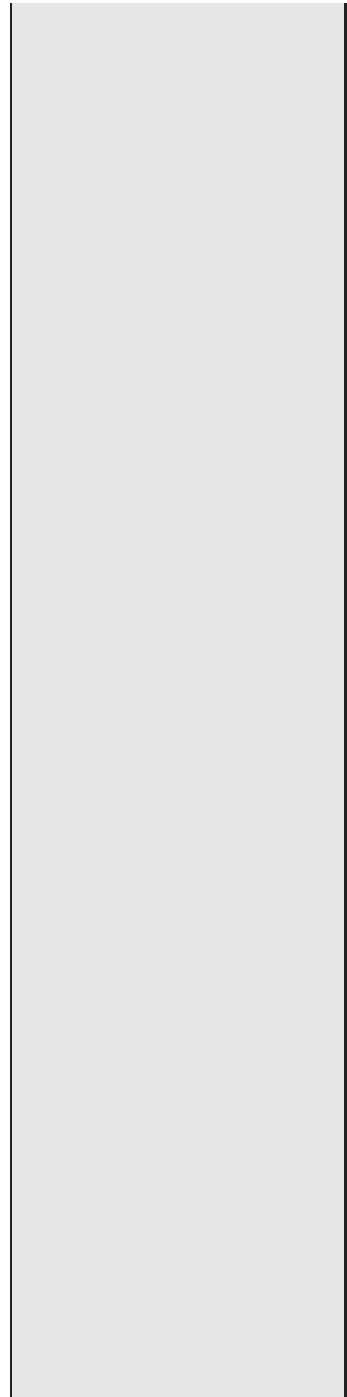


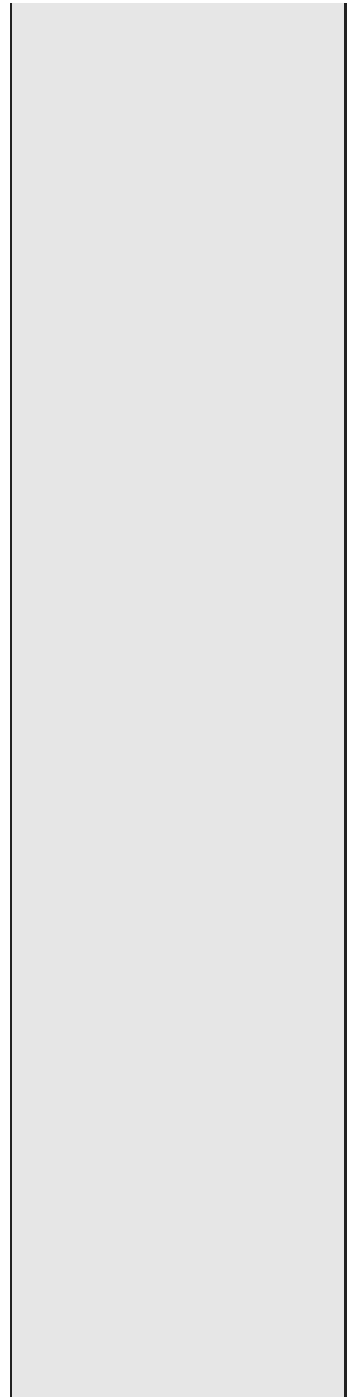


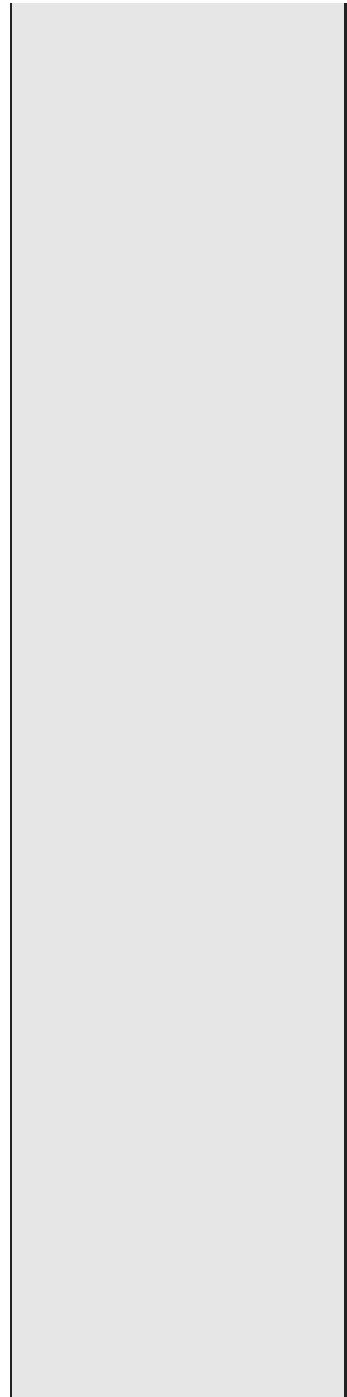


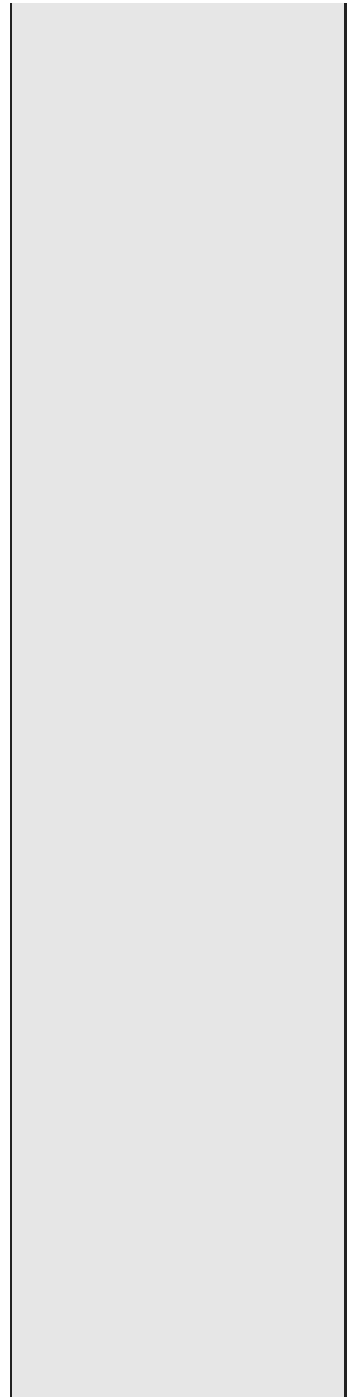


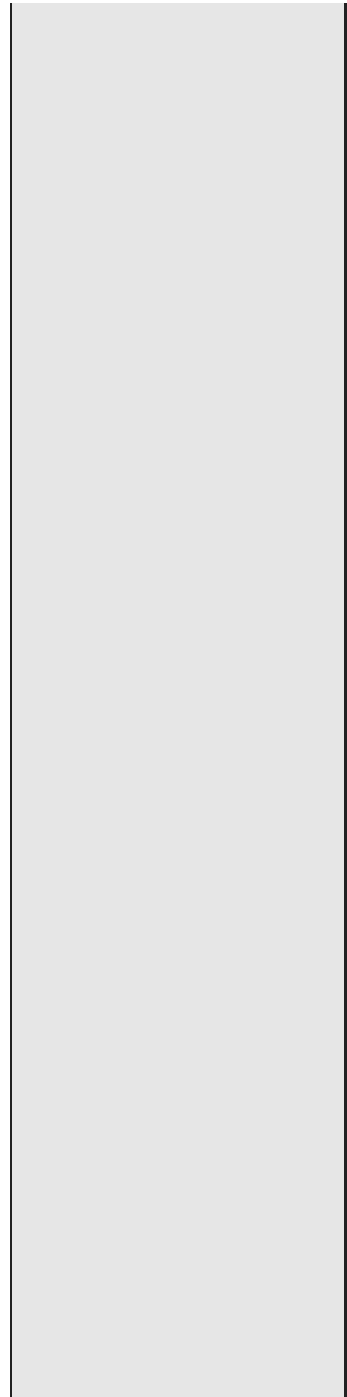


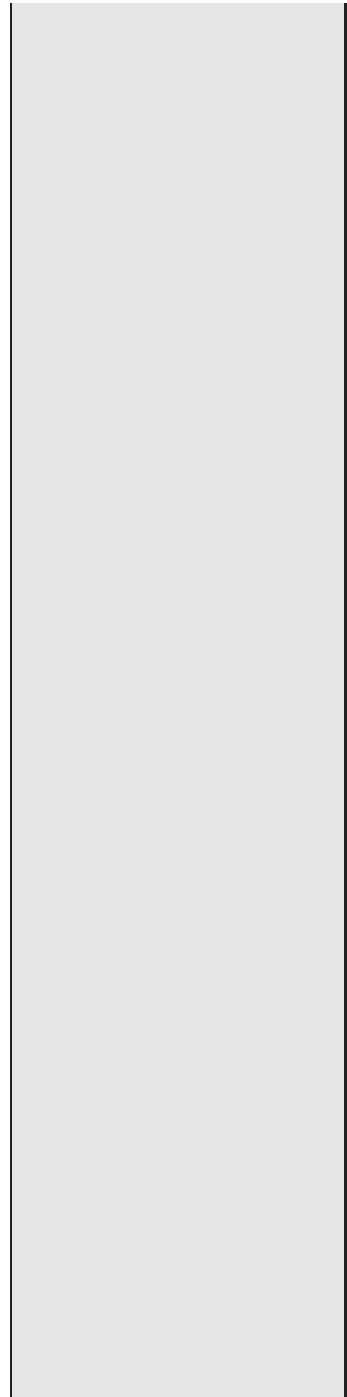


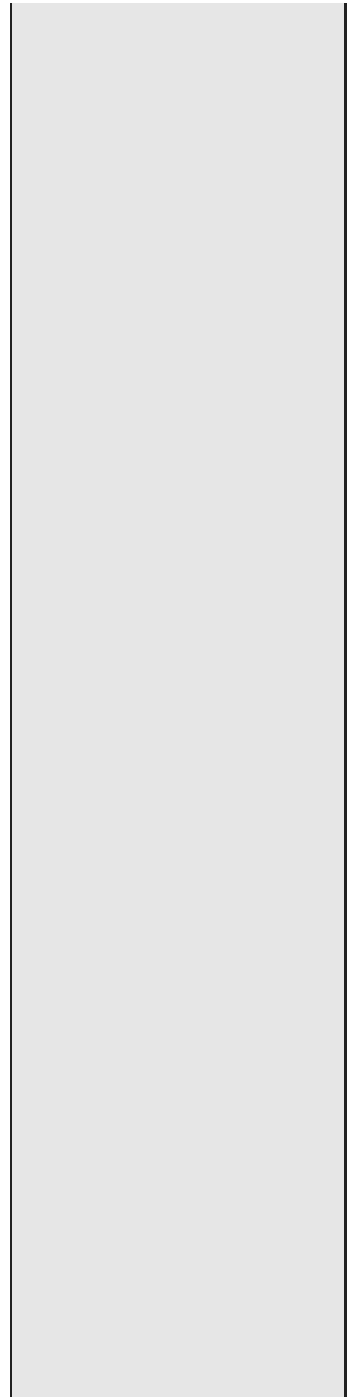


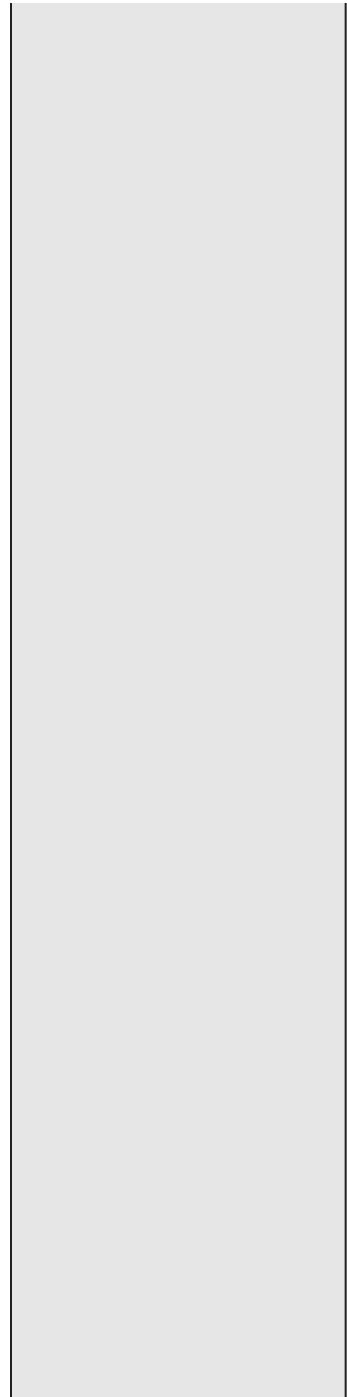


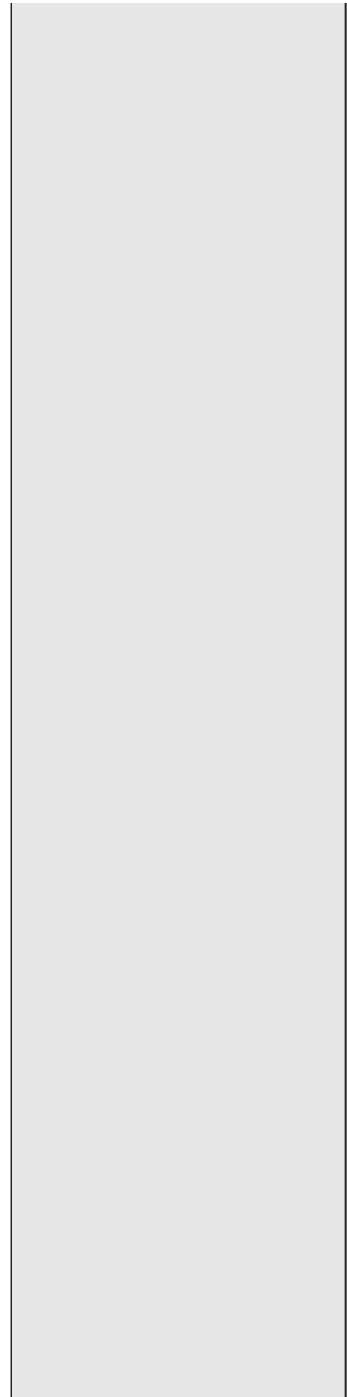


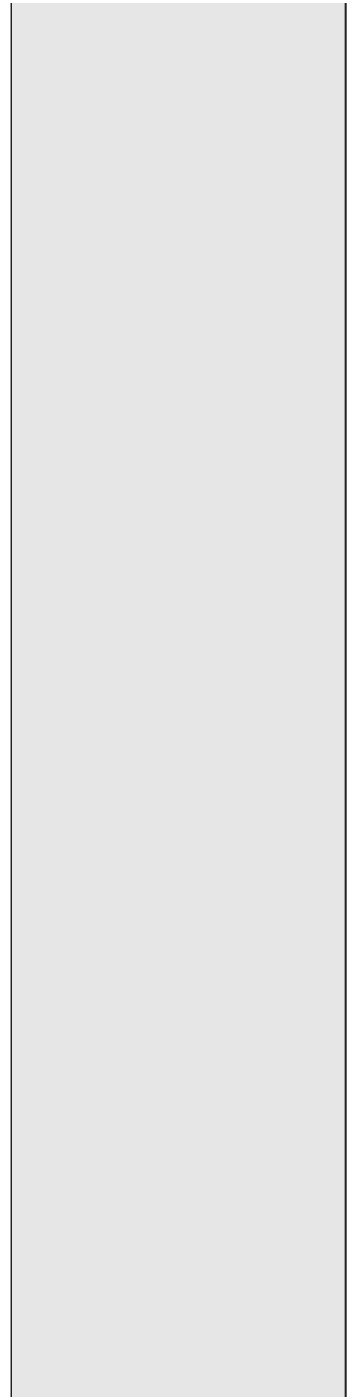


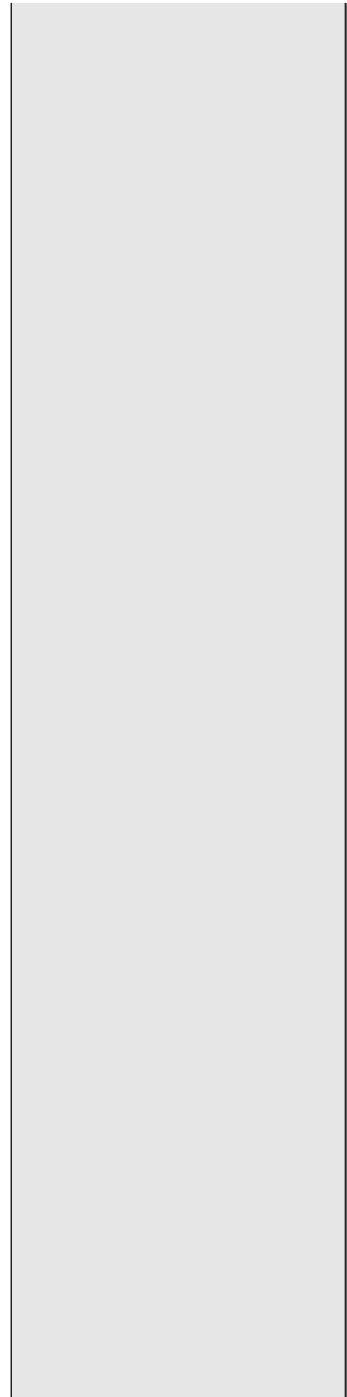


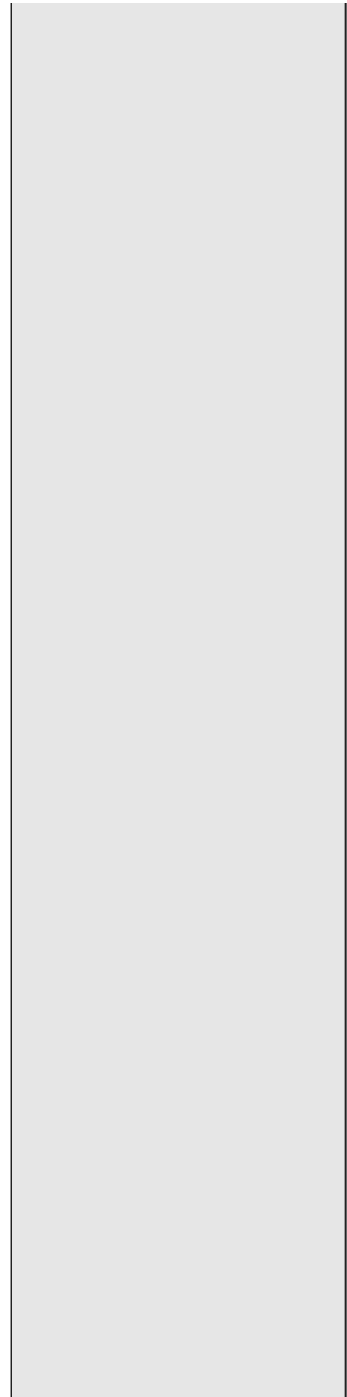


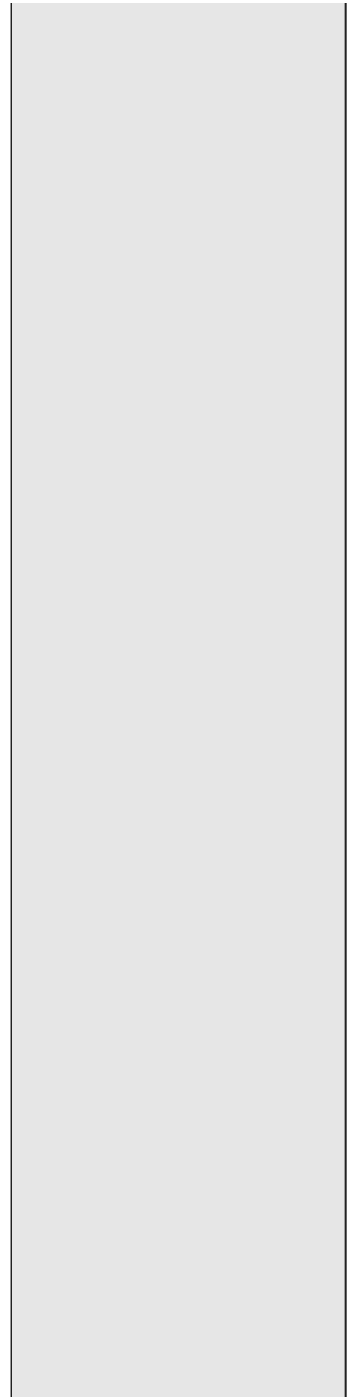


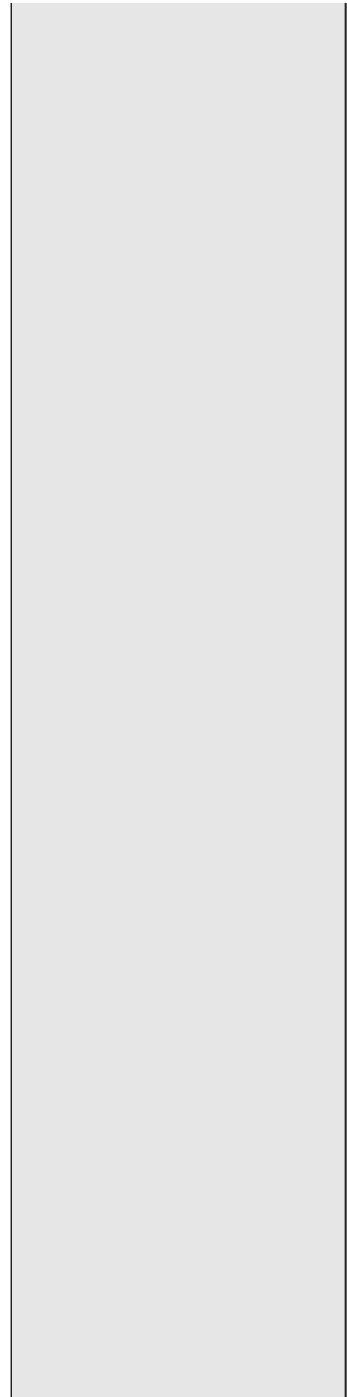


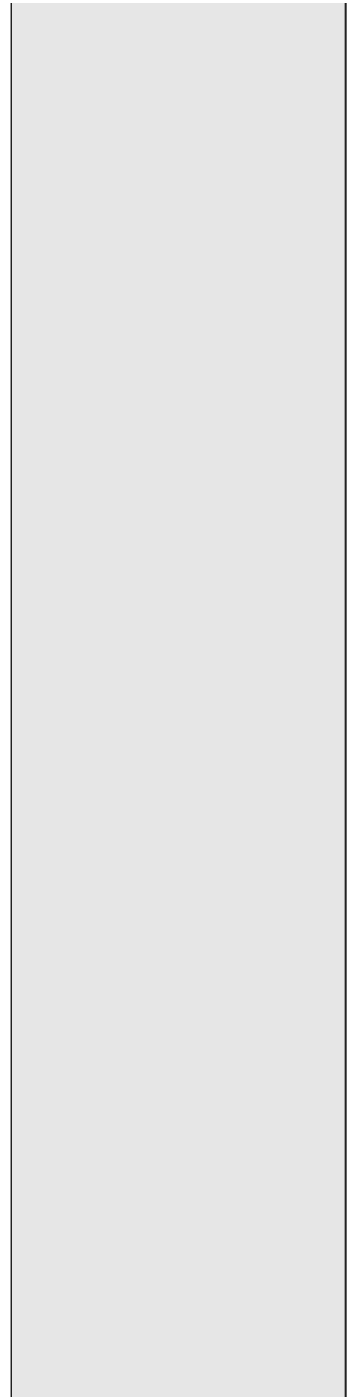


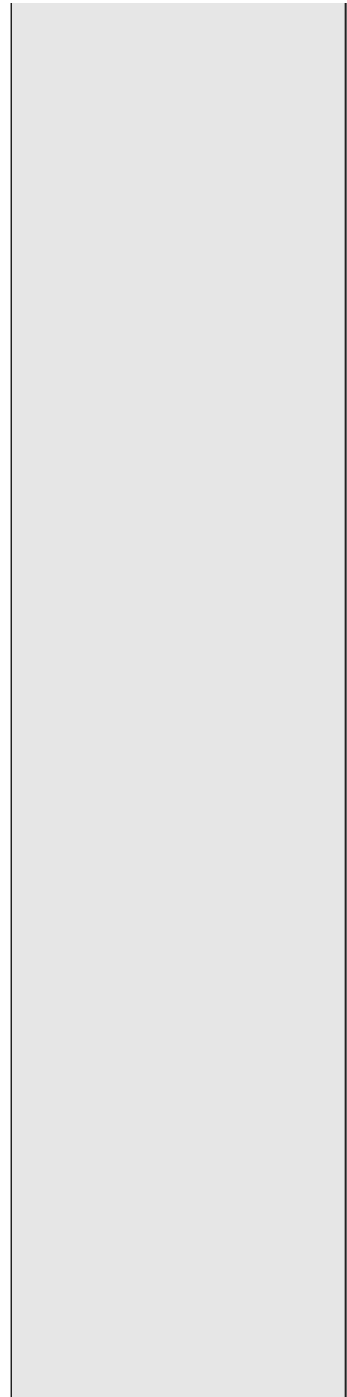


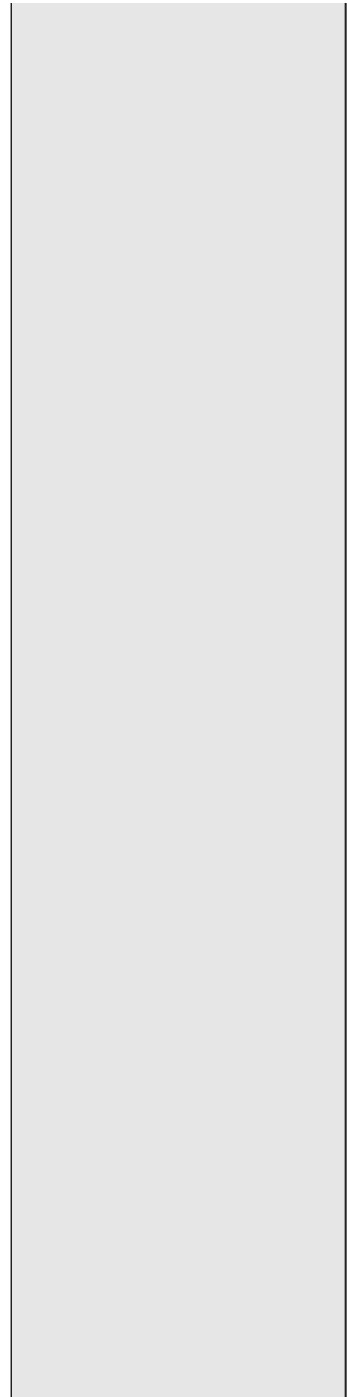


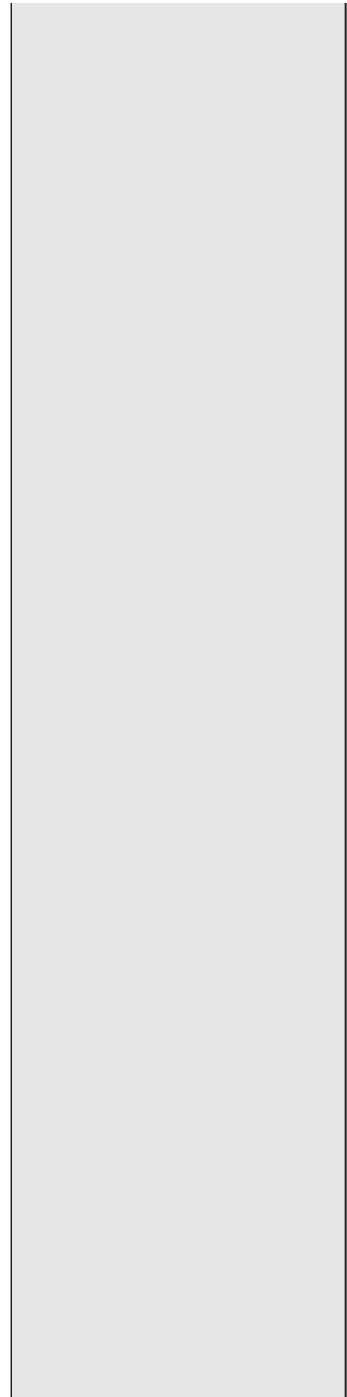


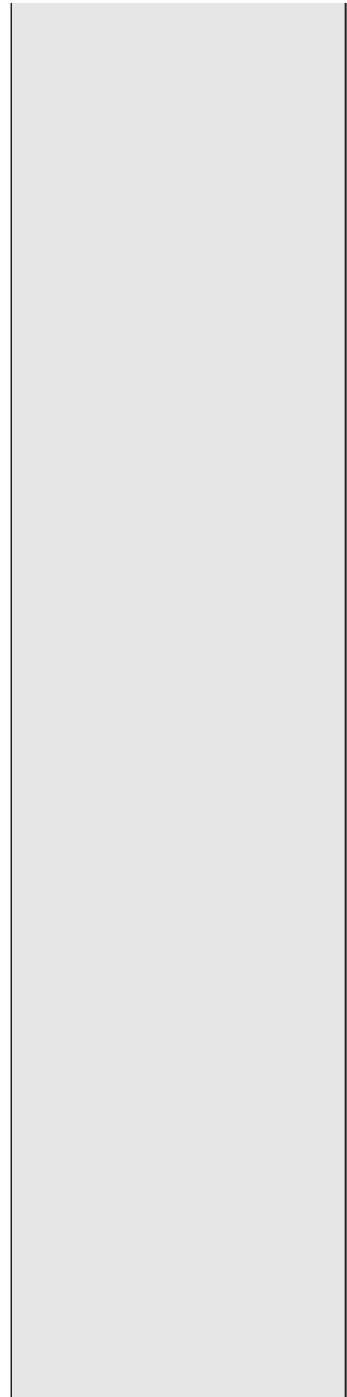




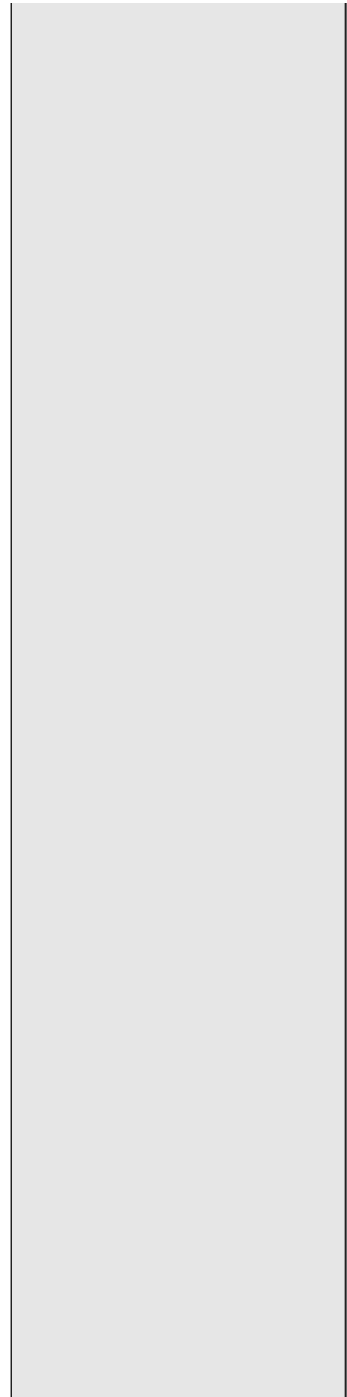


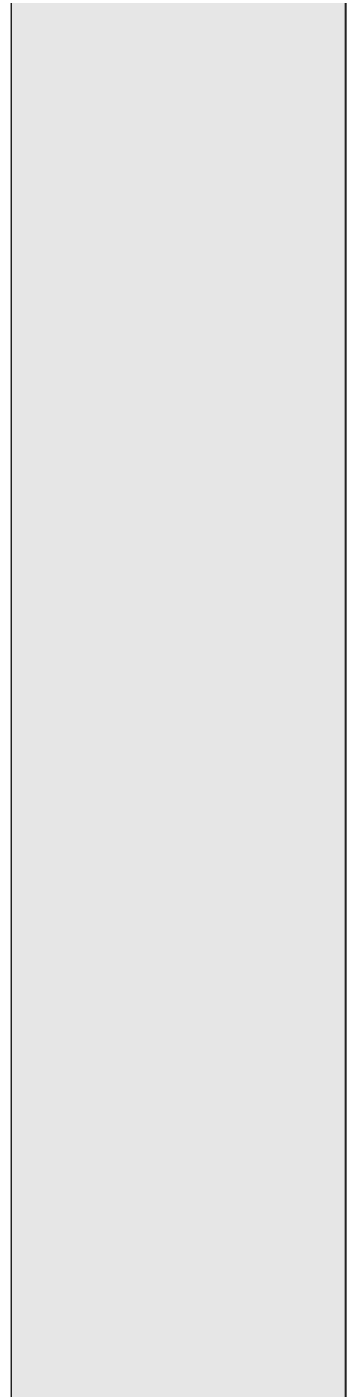


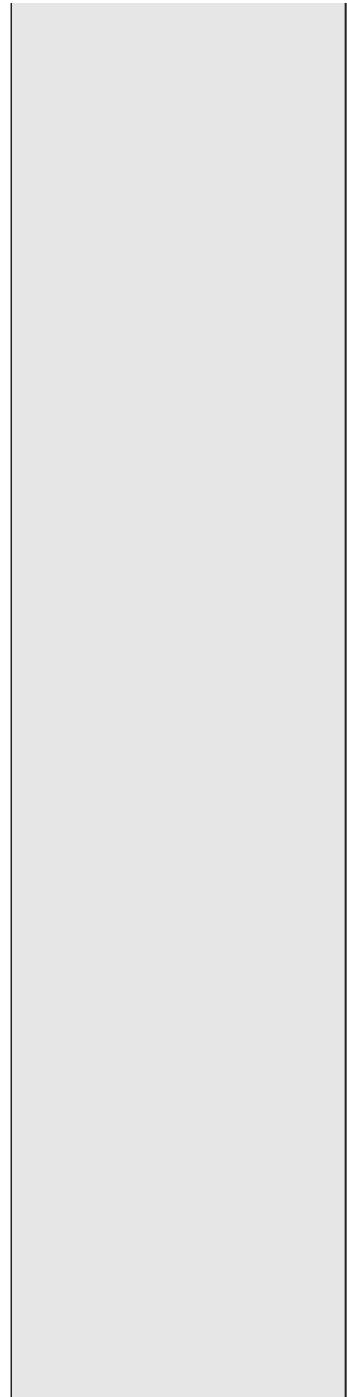


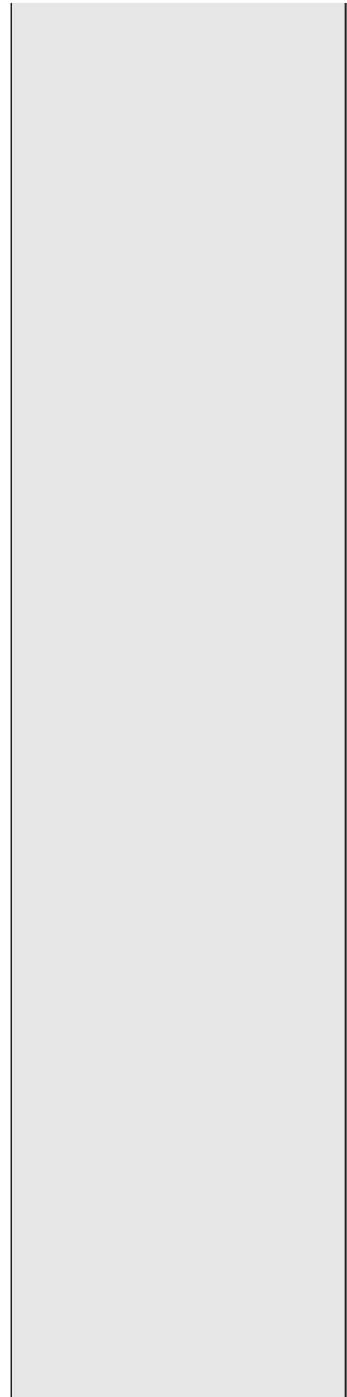


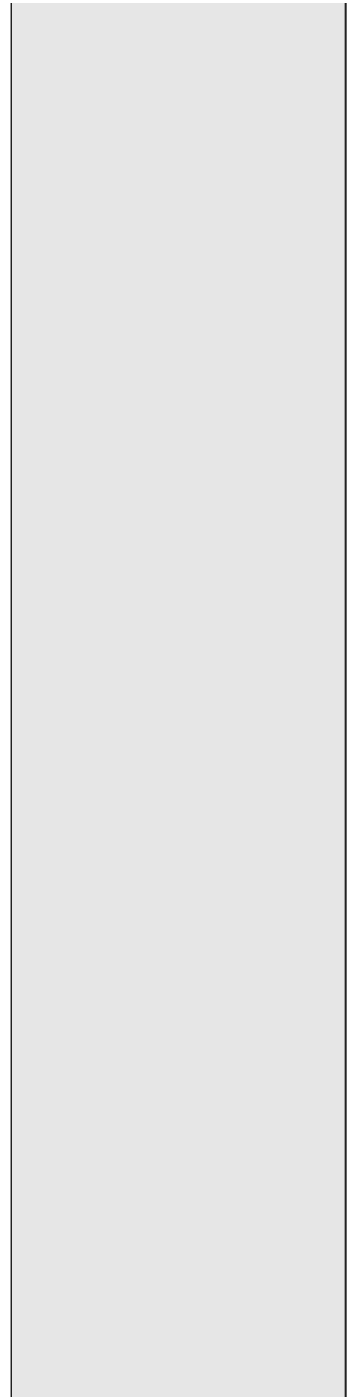
Qualification Completion Requirements Criteria

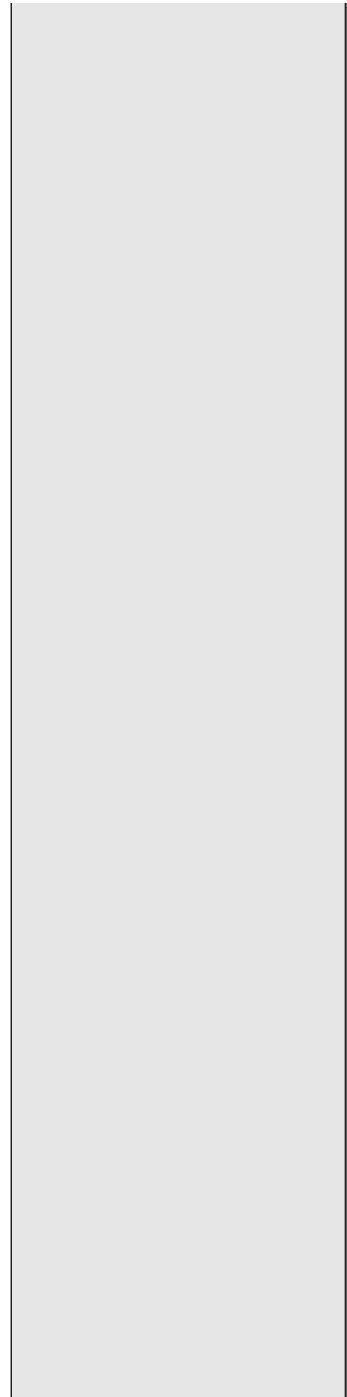


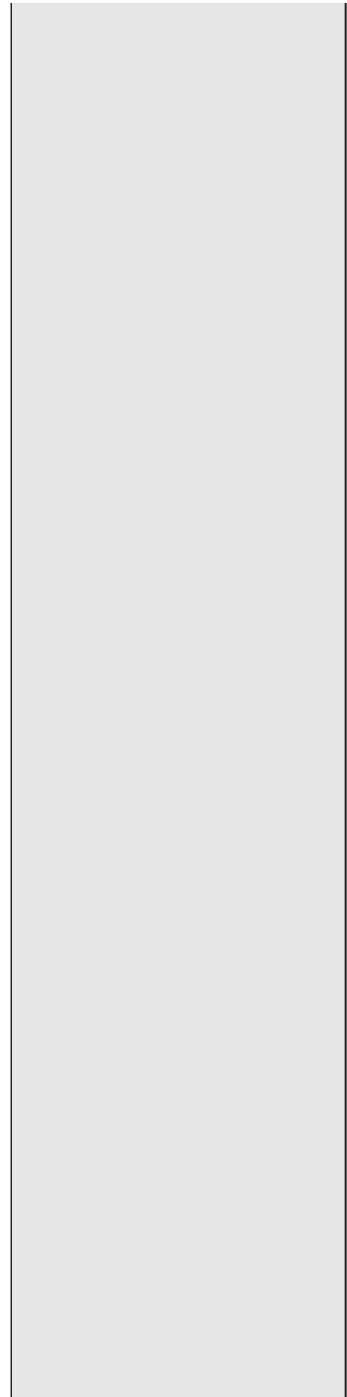


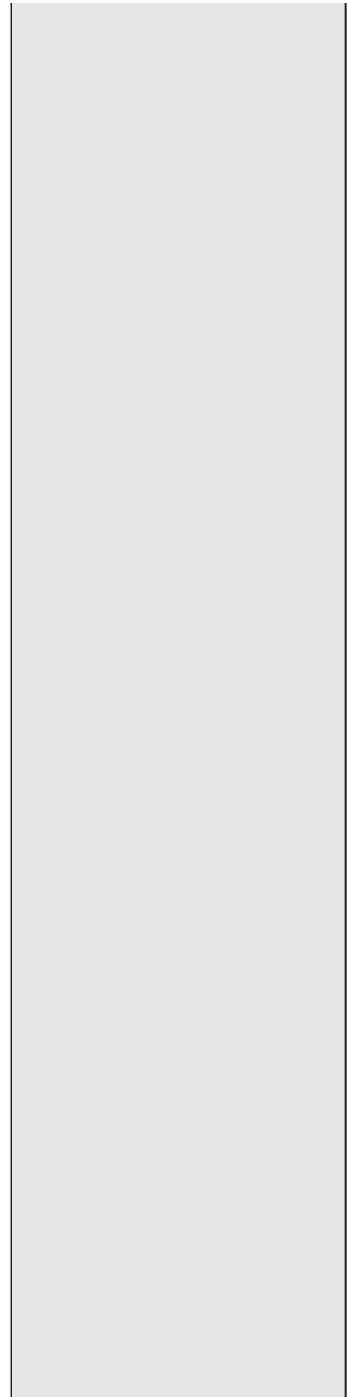


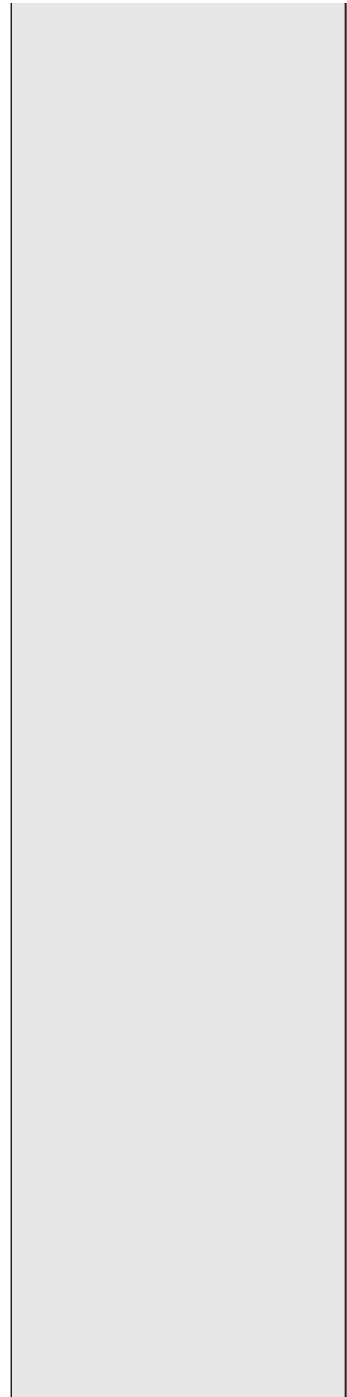


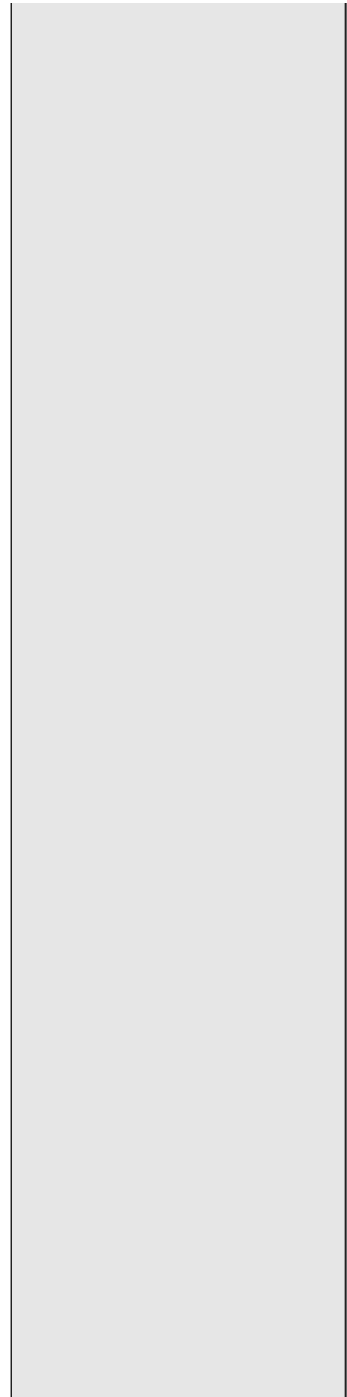


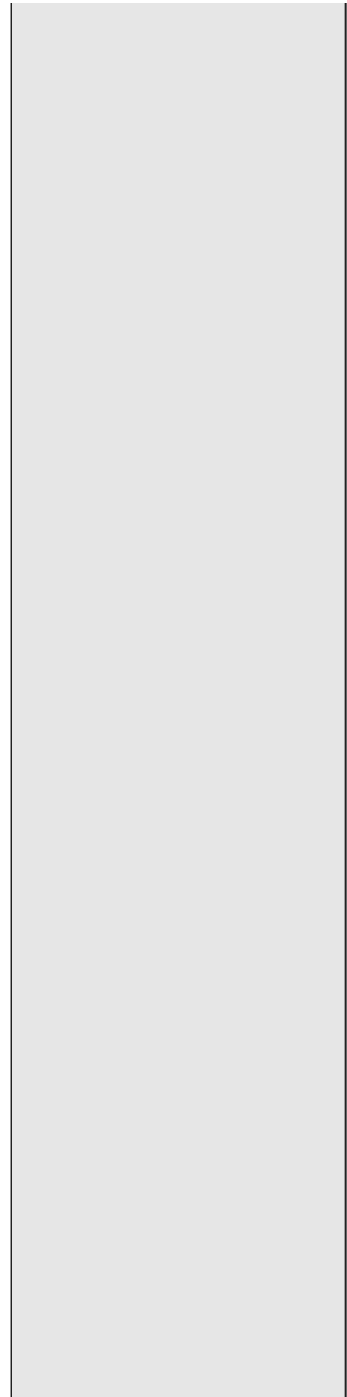


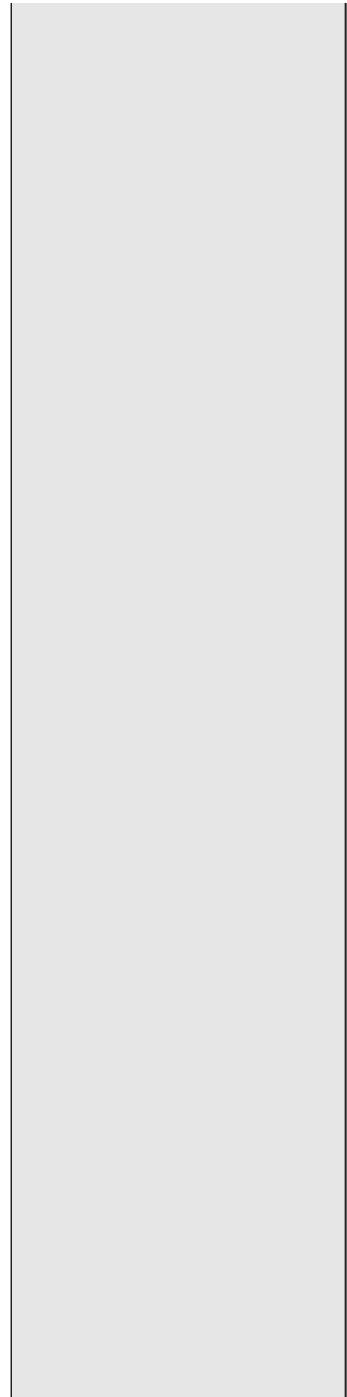


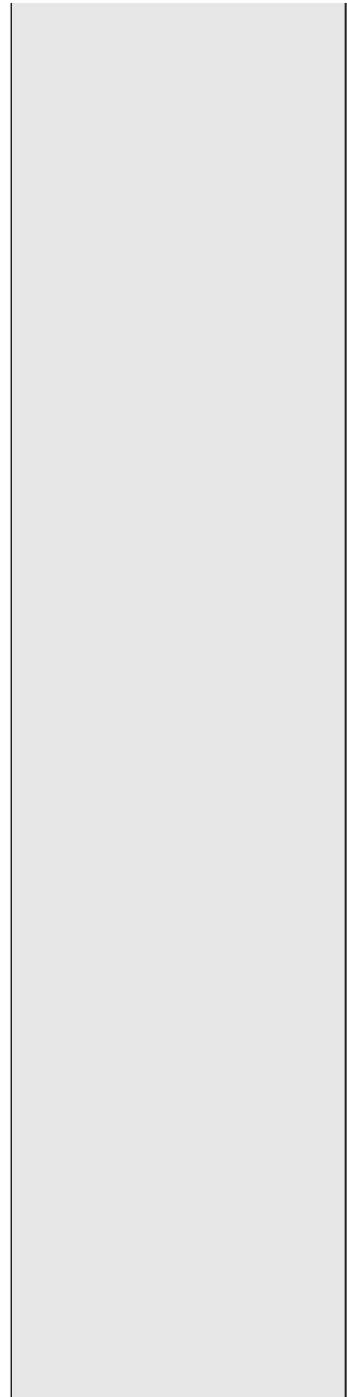


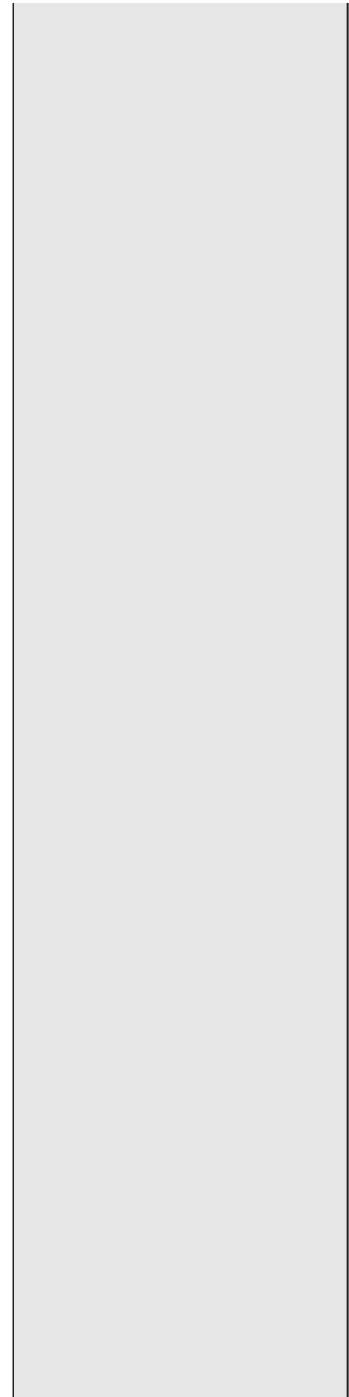


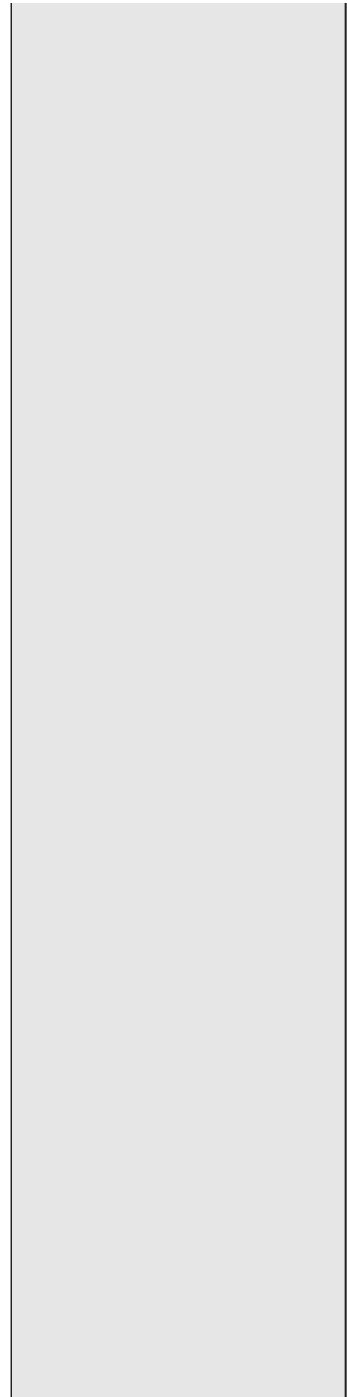


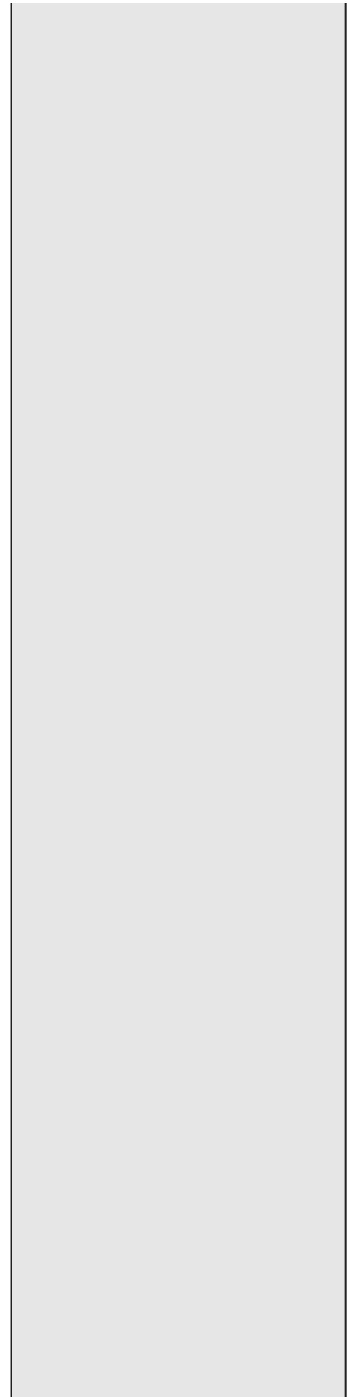


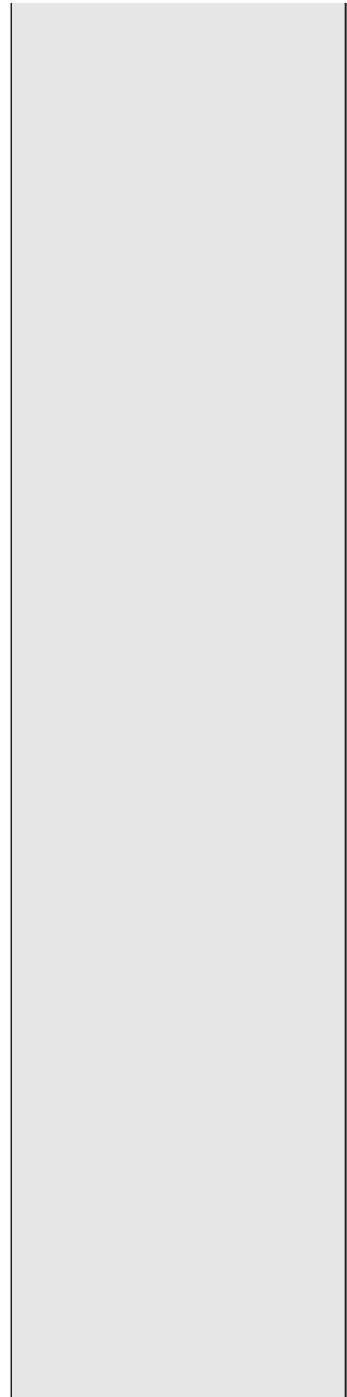


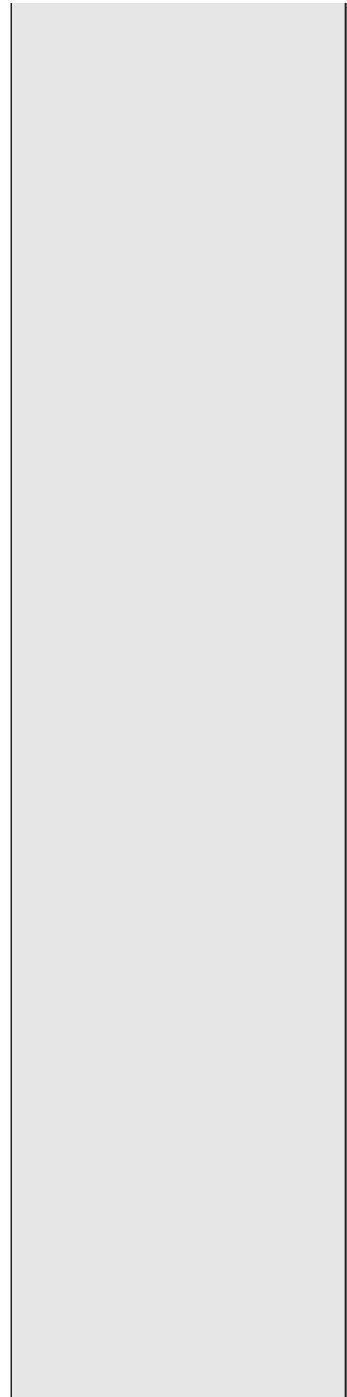


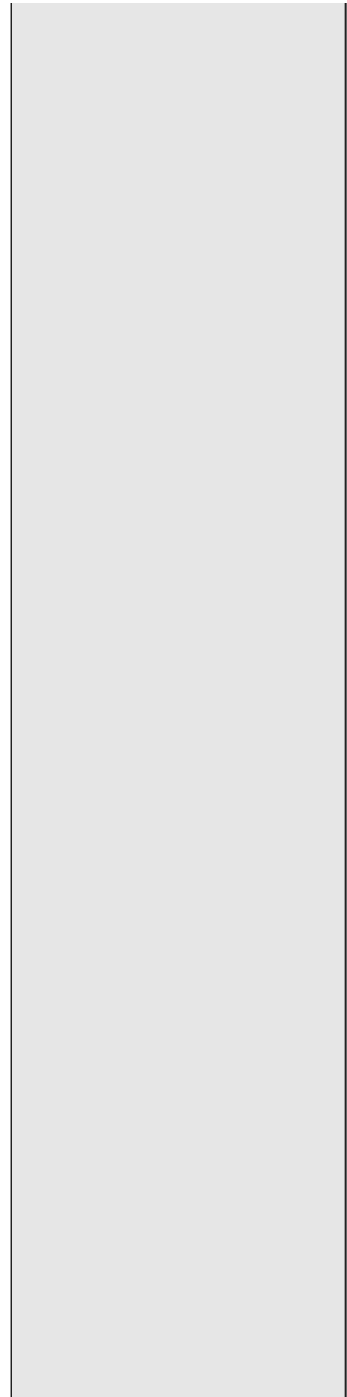


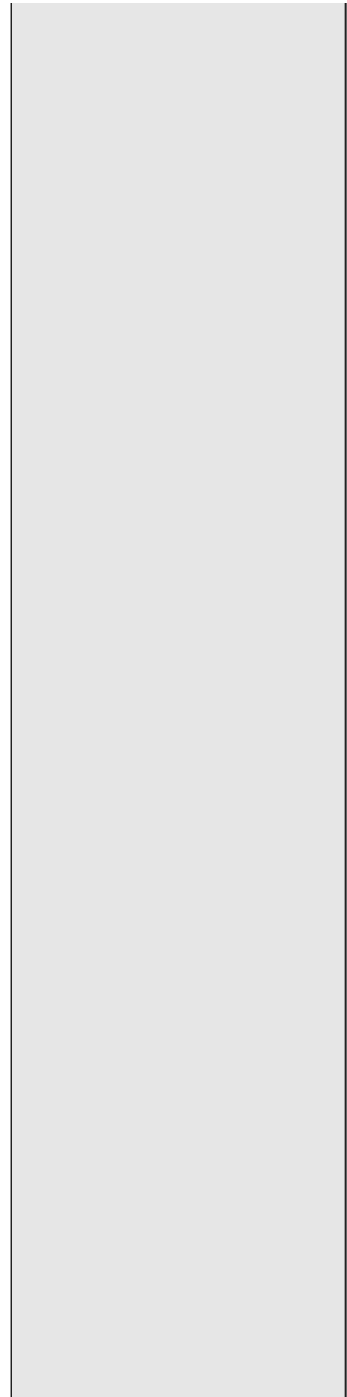


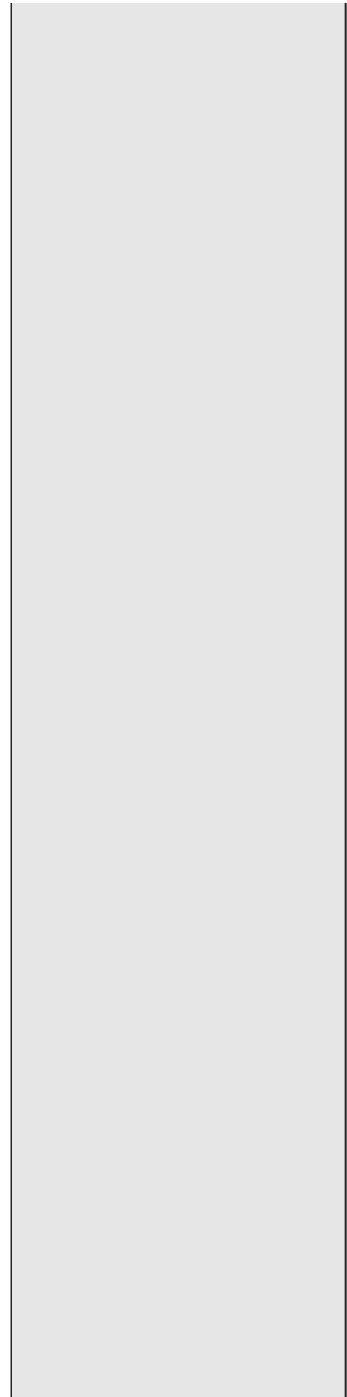


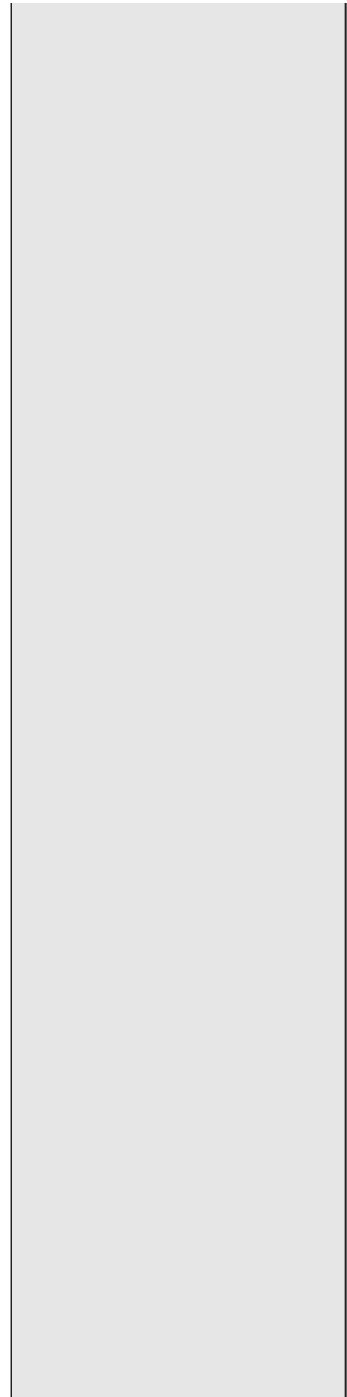


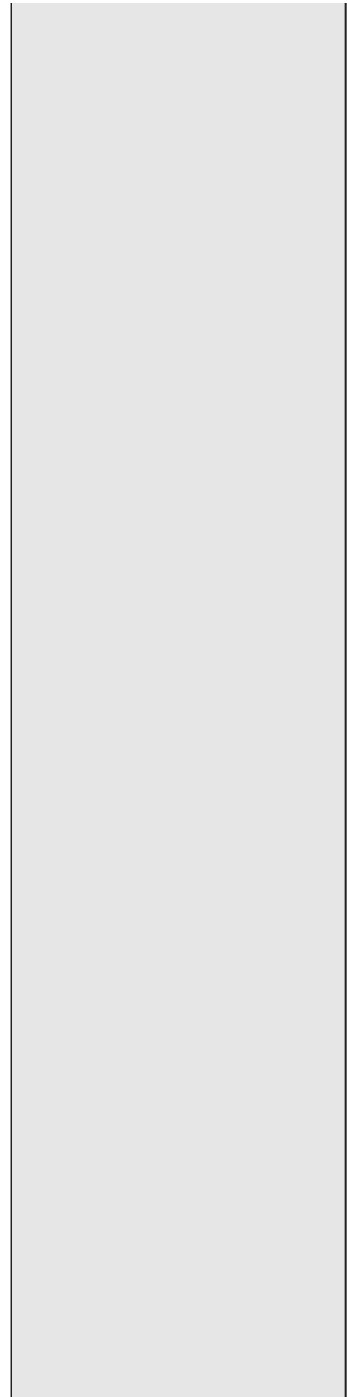


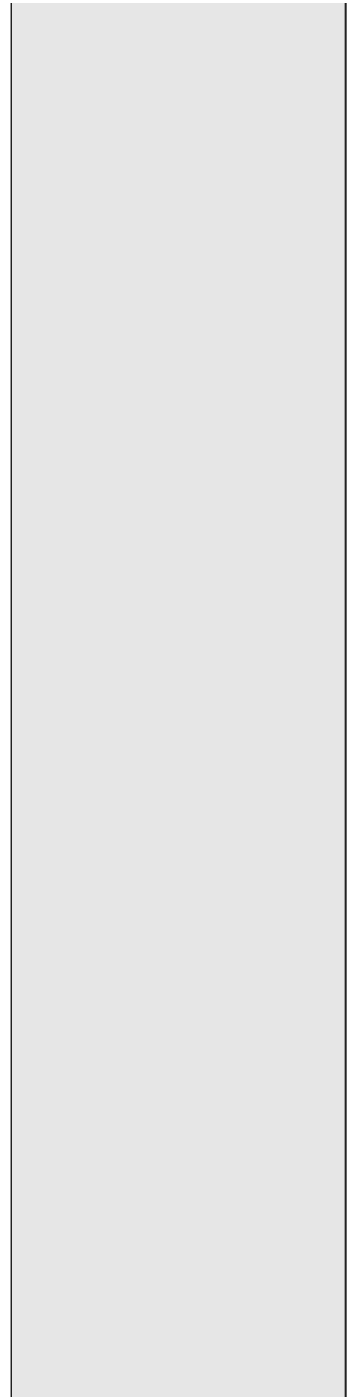


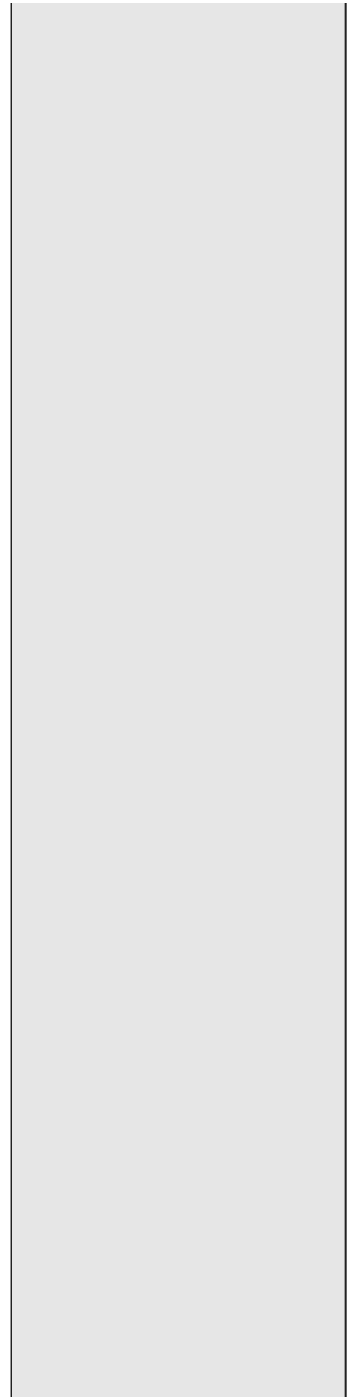


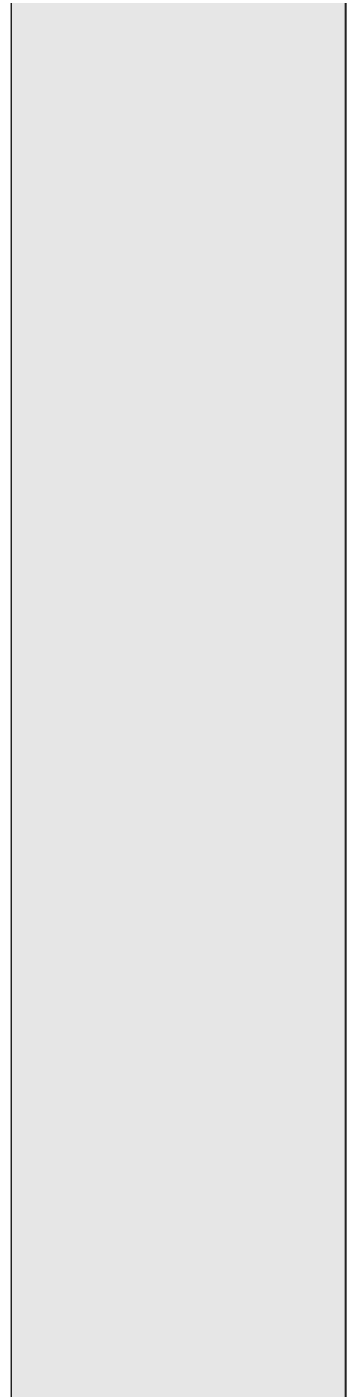


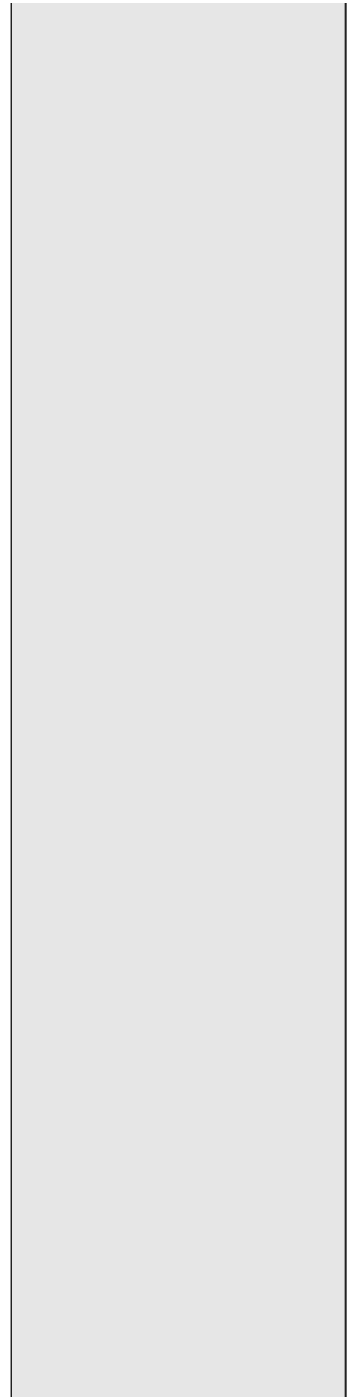


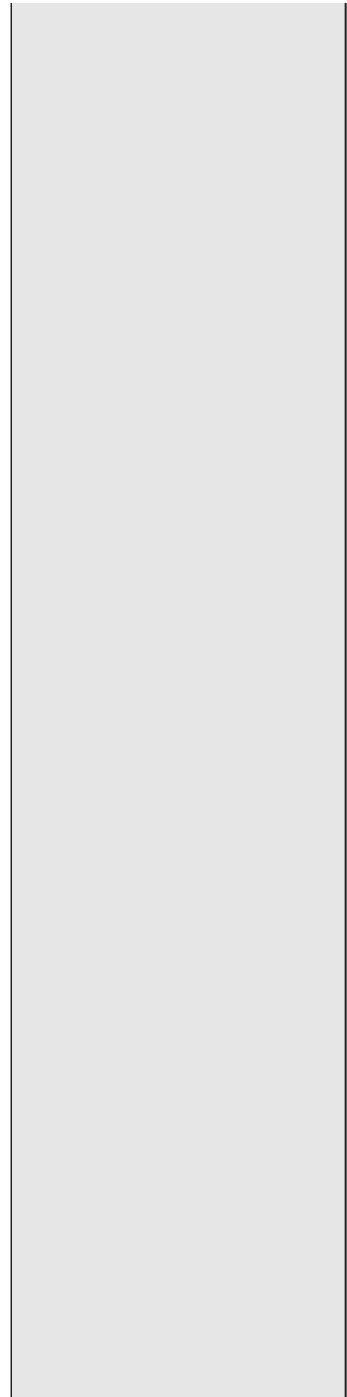


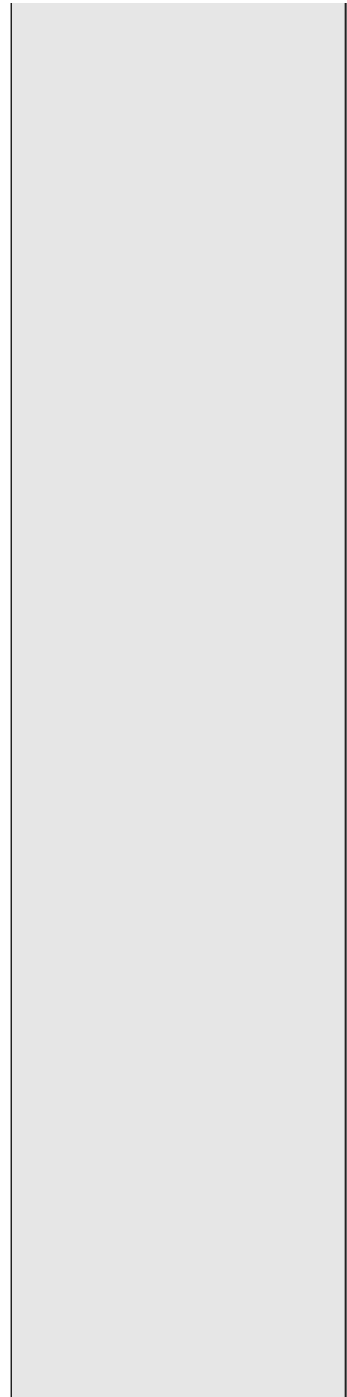


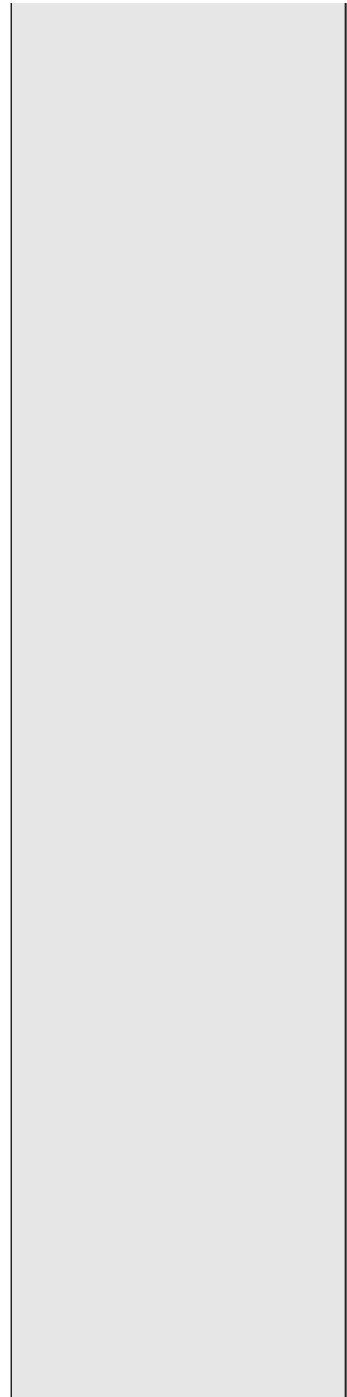


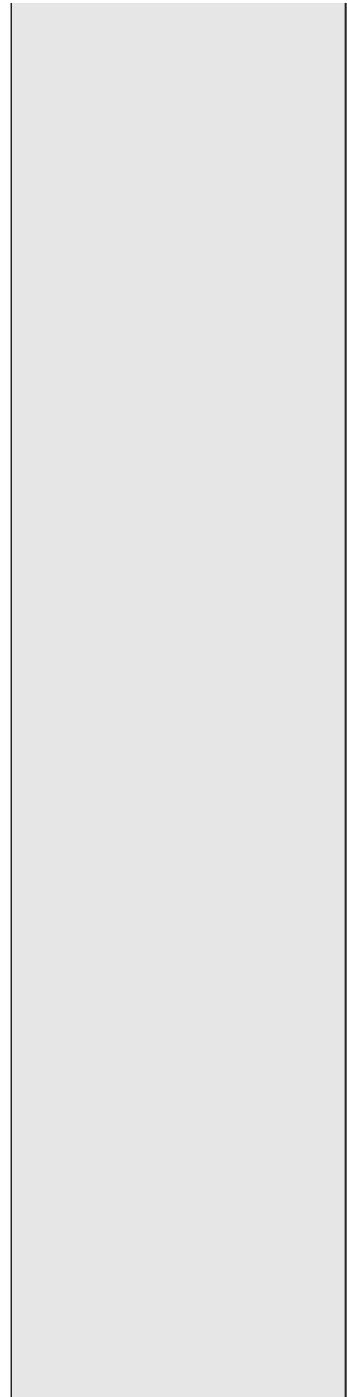


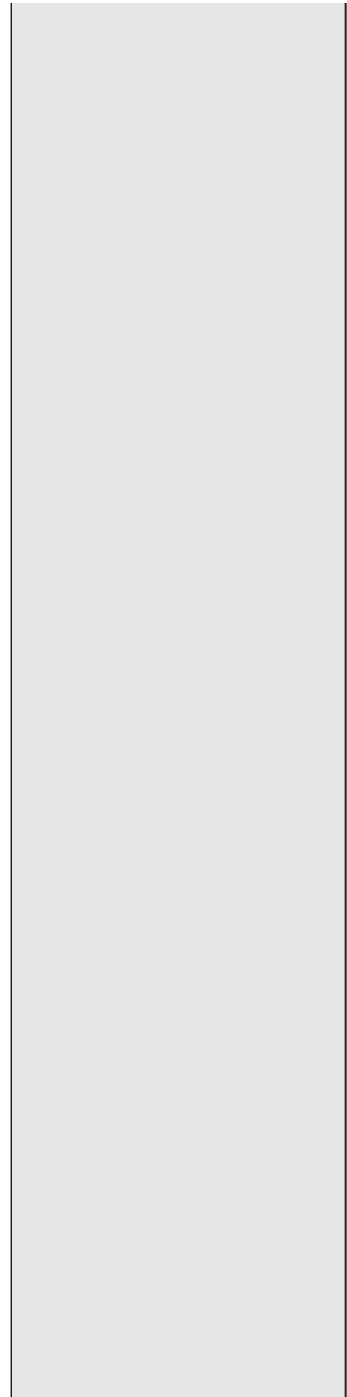


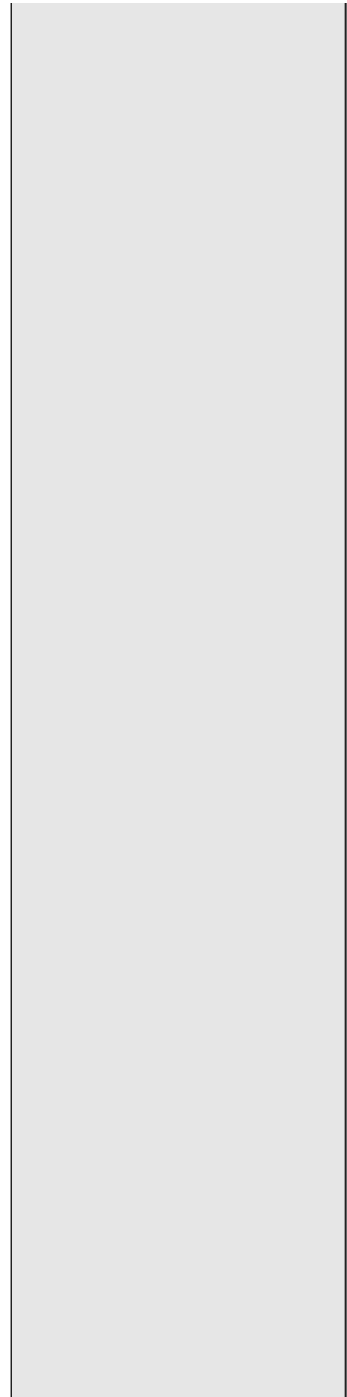


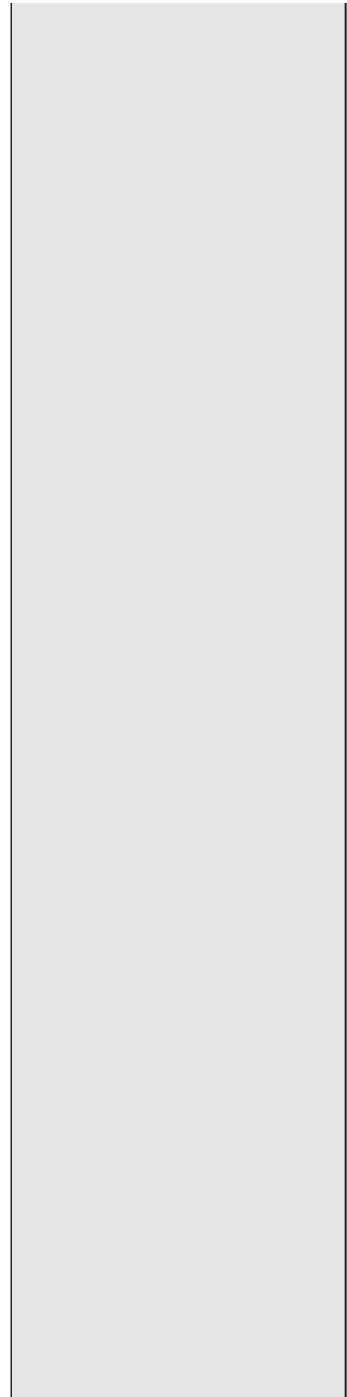


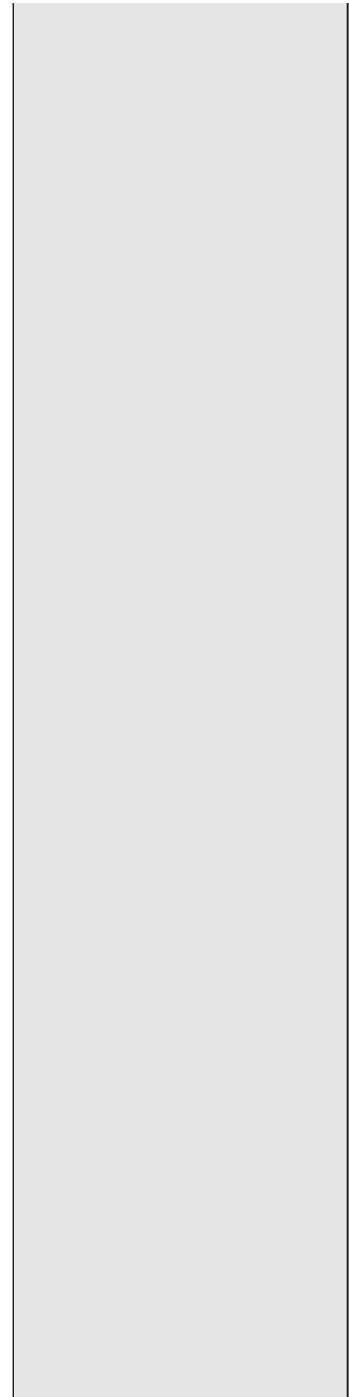


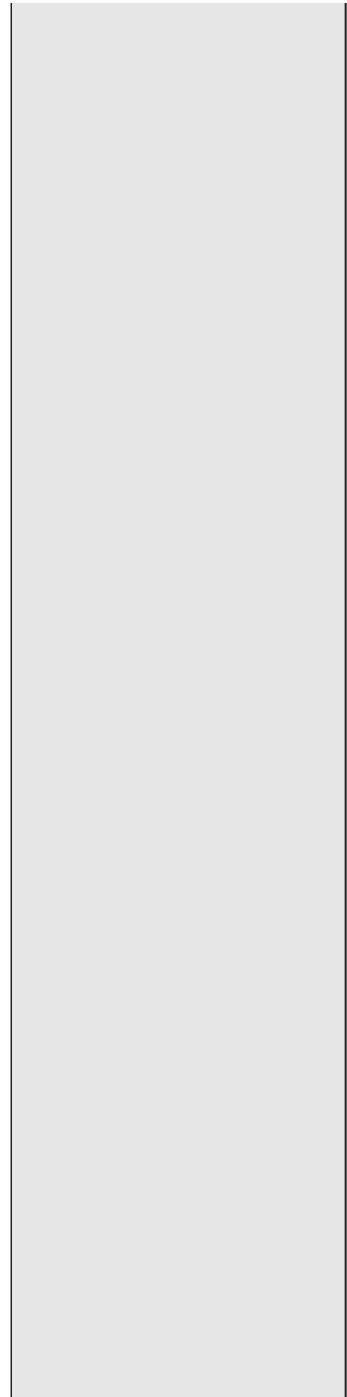


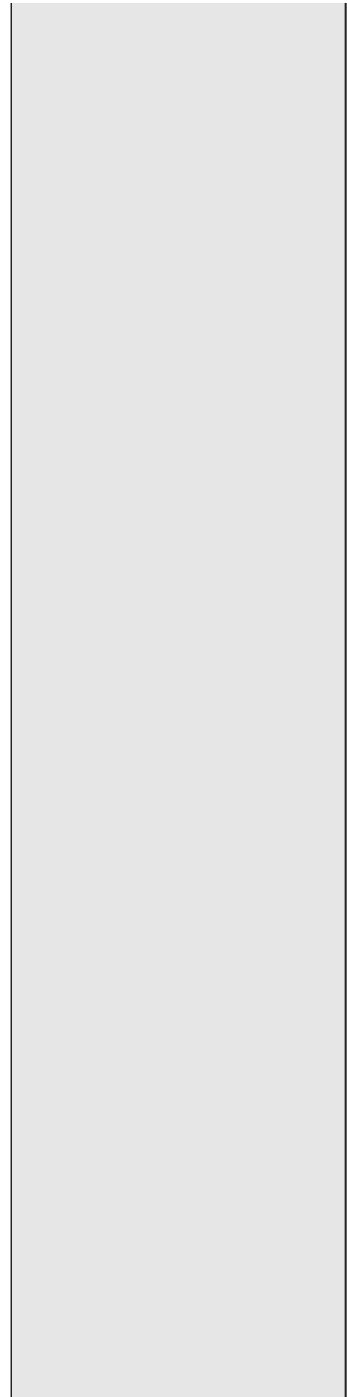


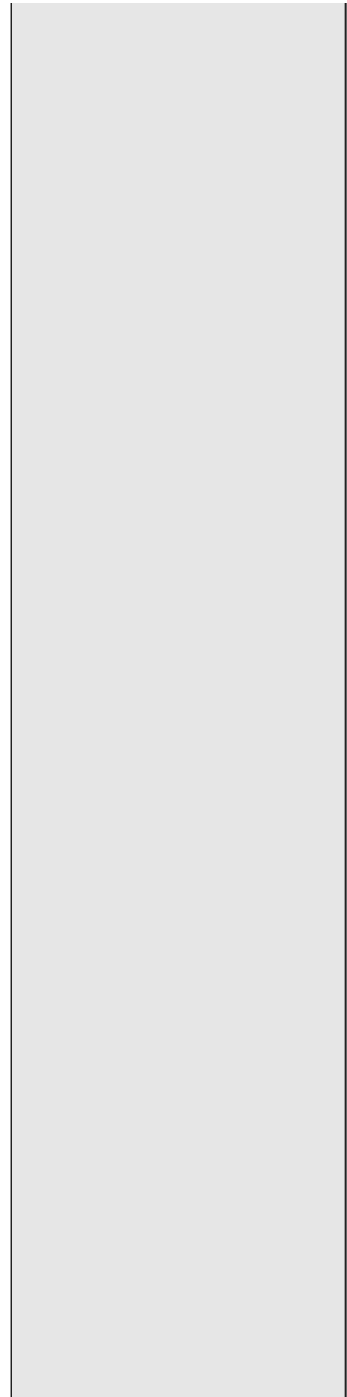


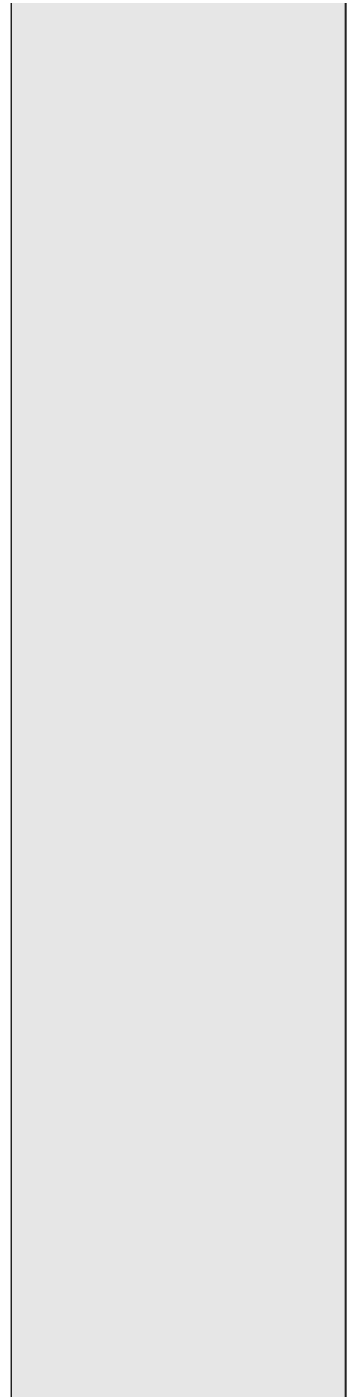


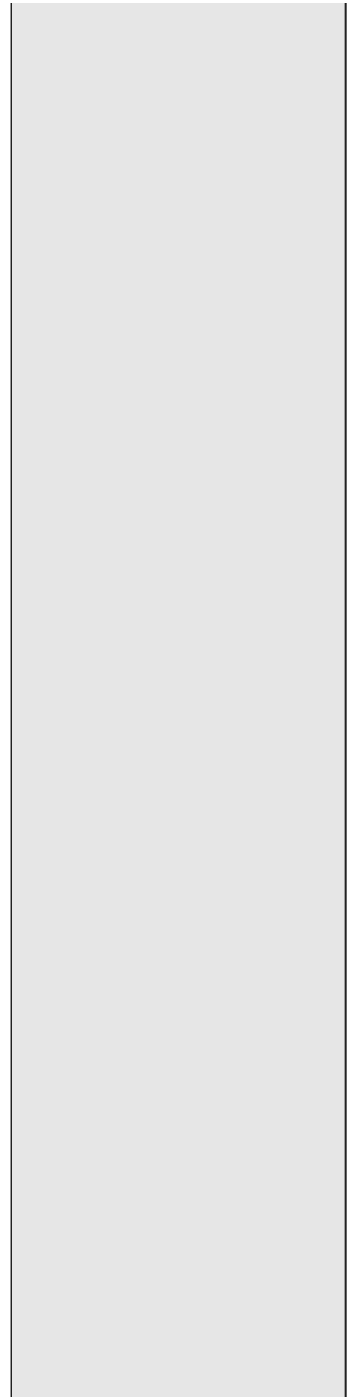


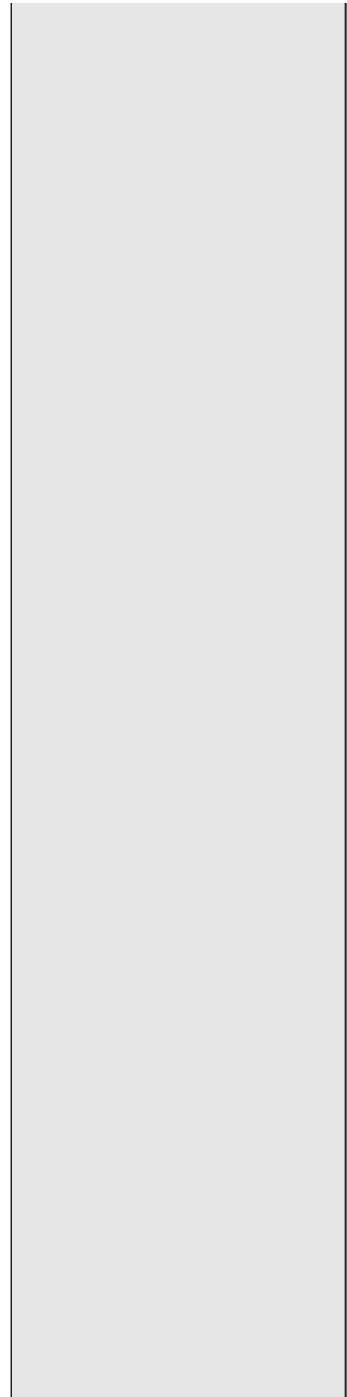


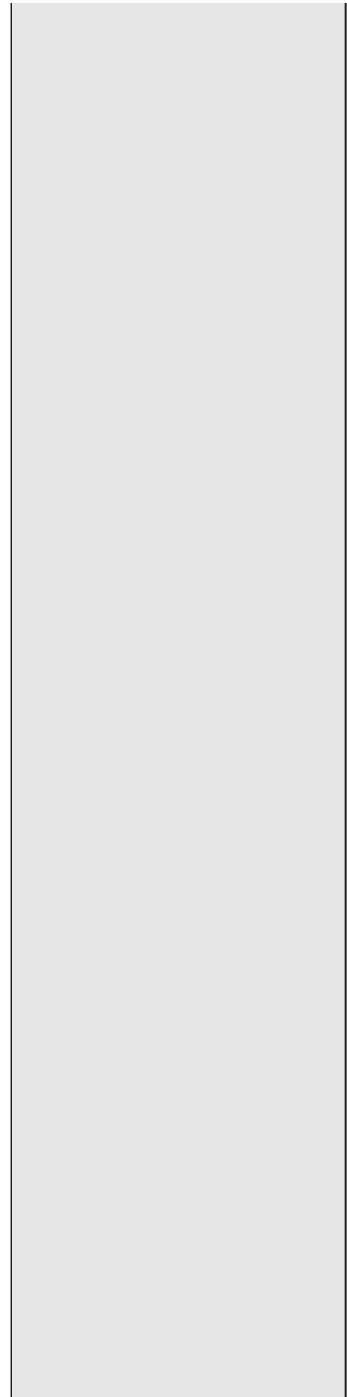


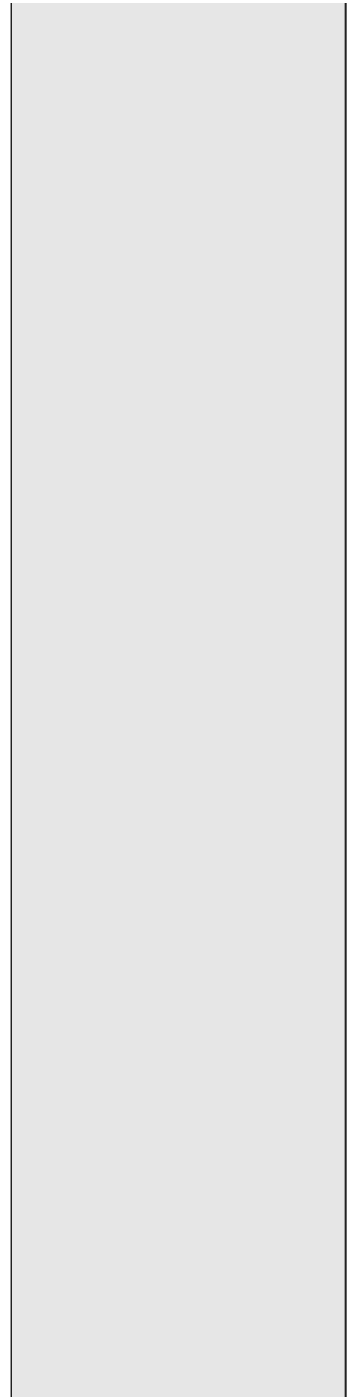


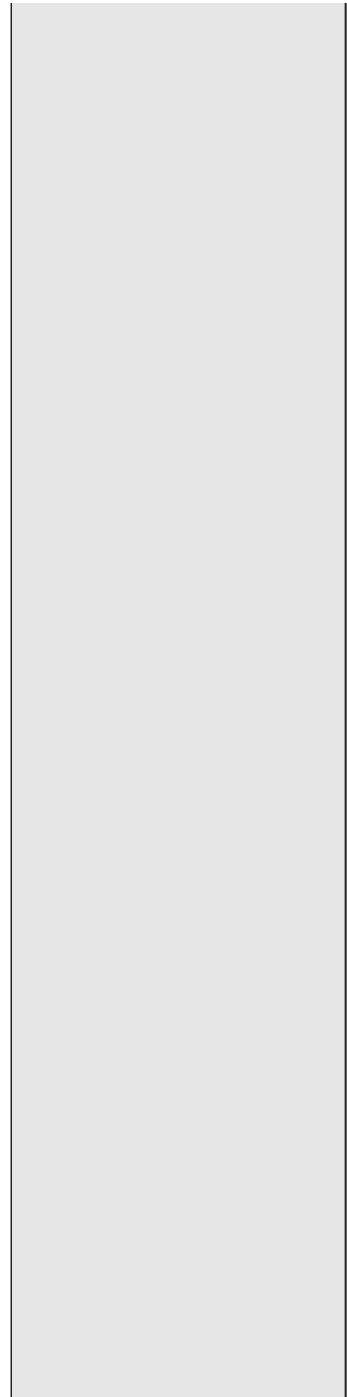


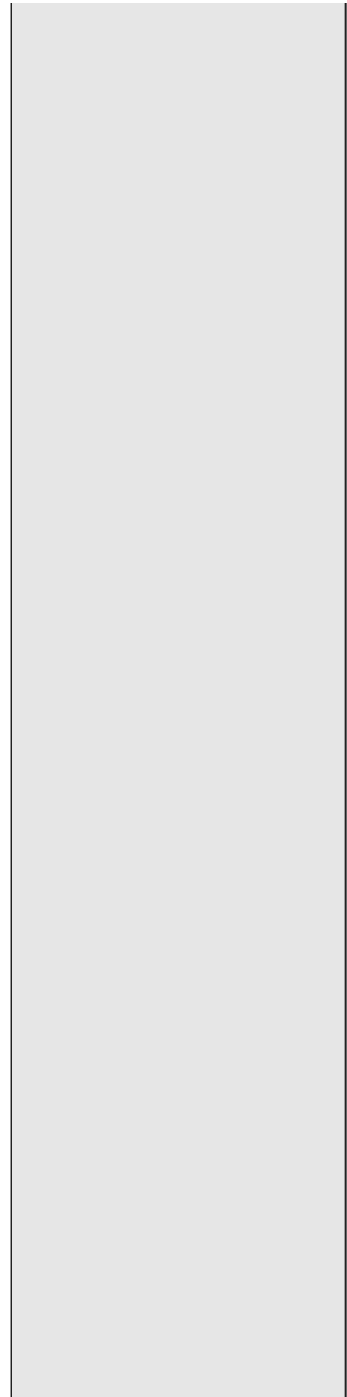


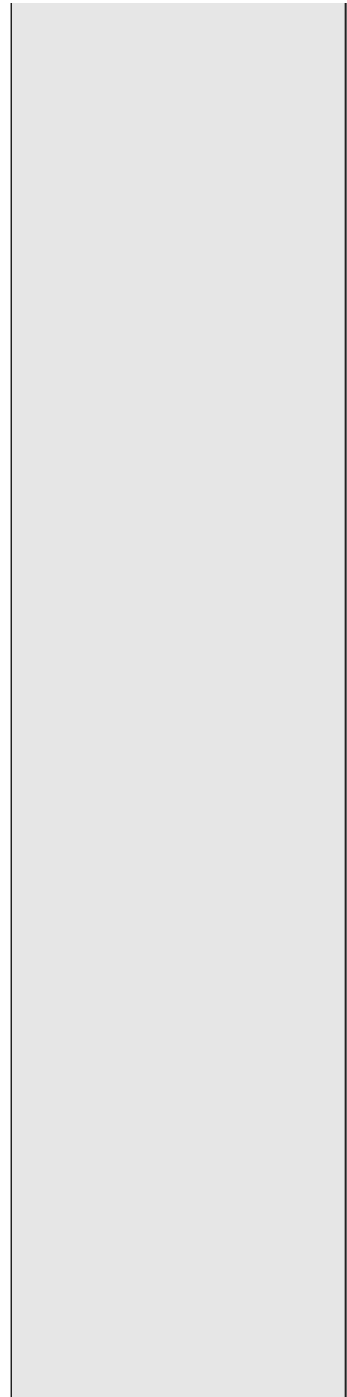


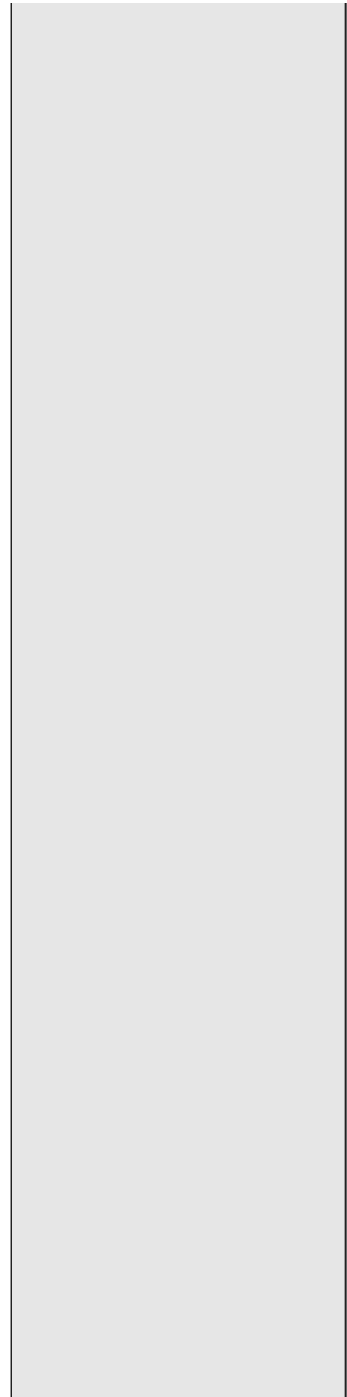


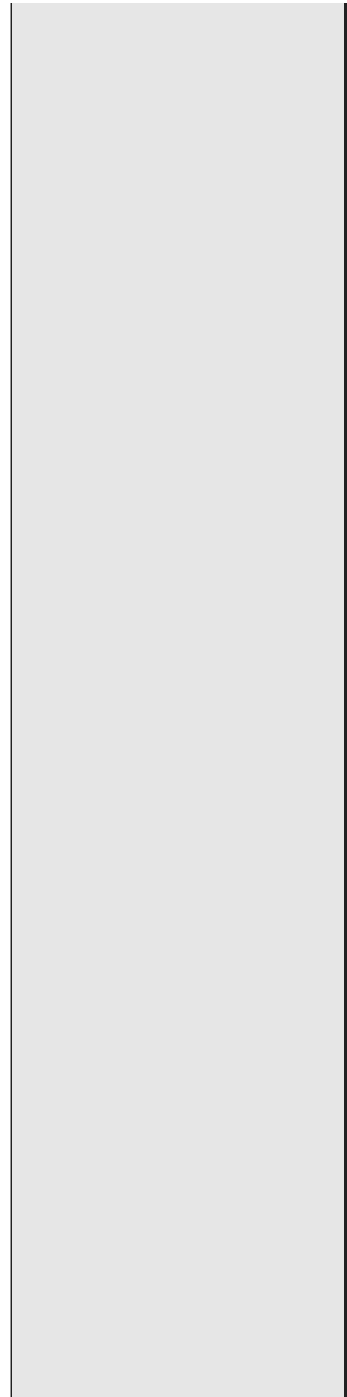


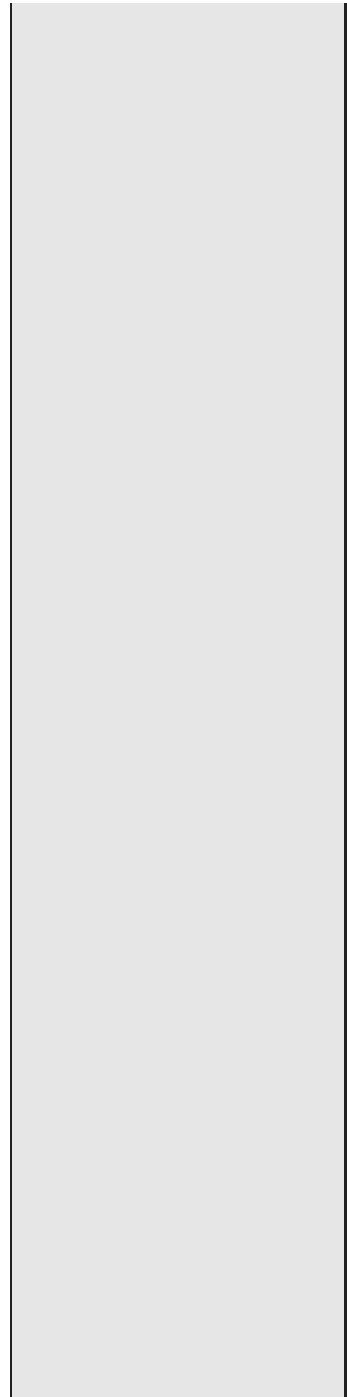


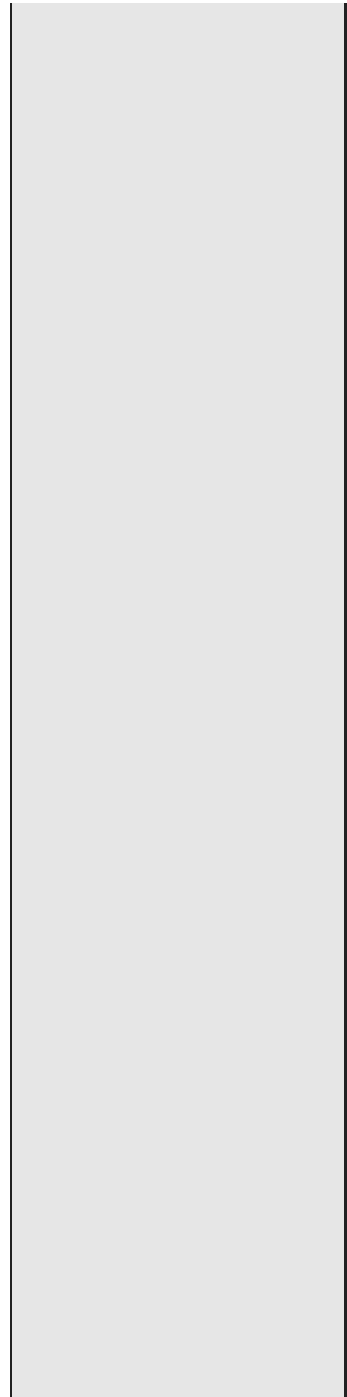


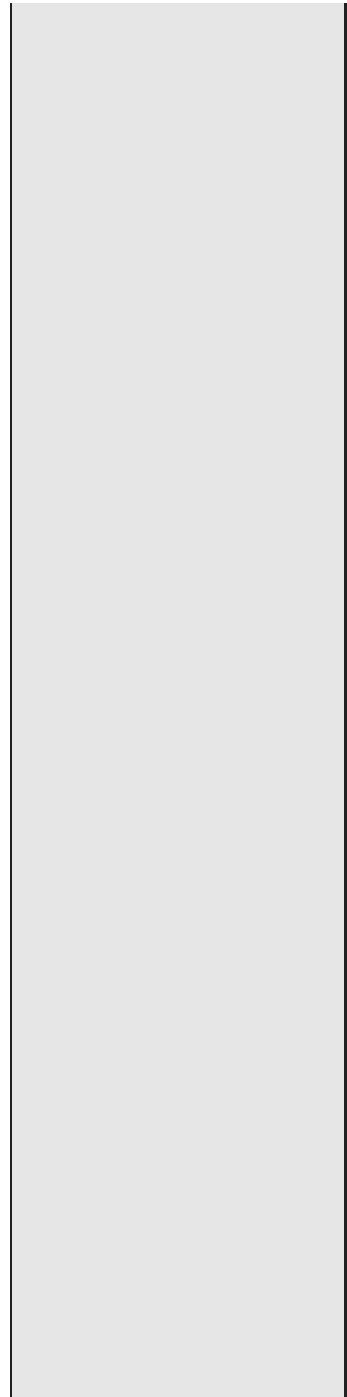


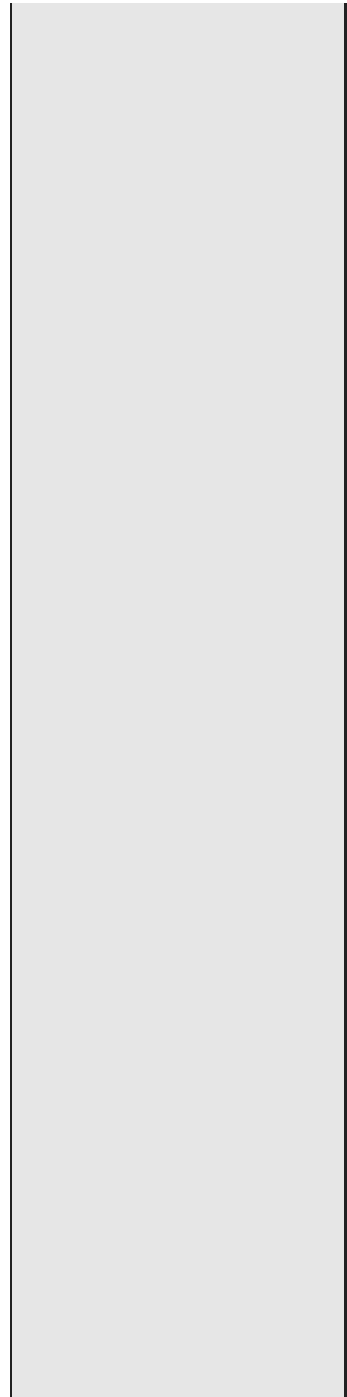


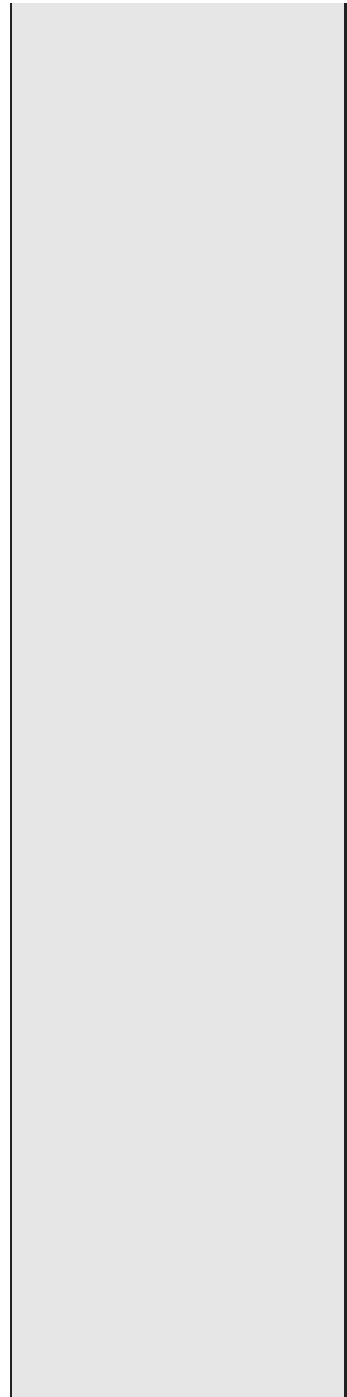


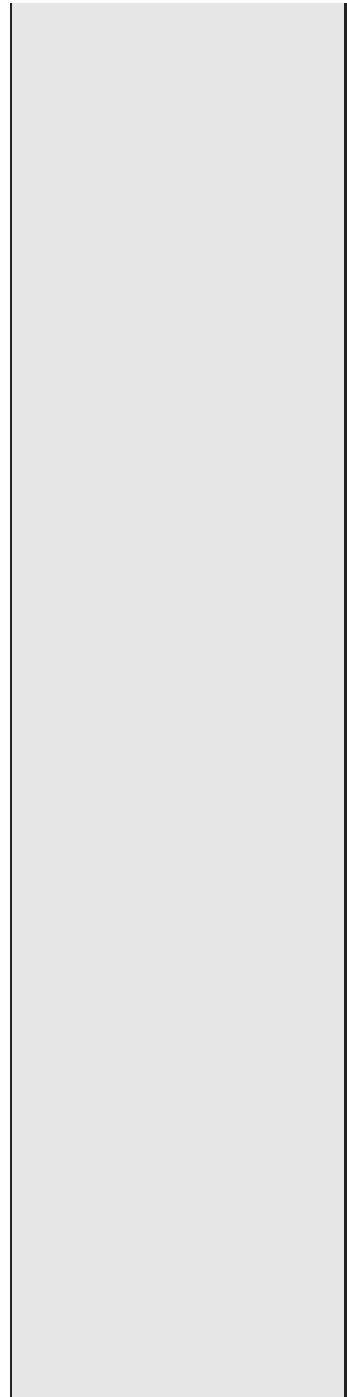


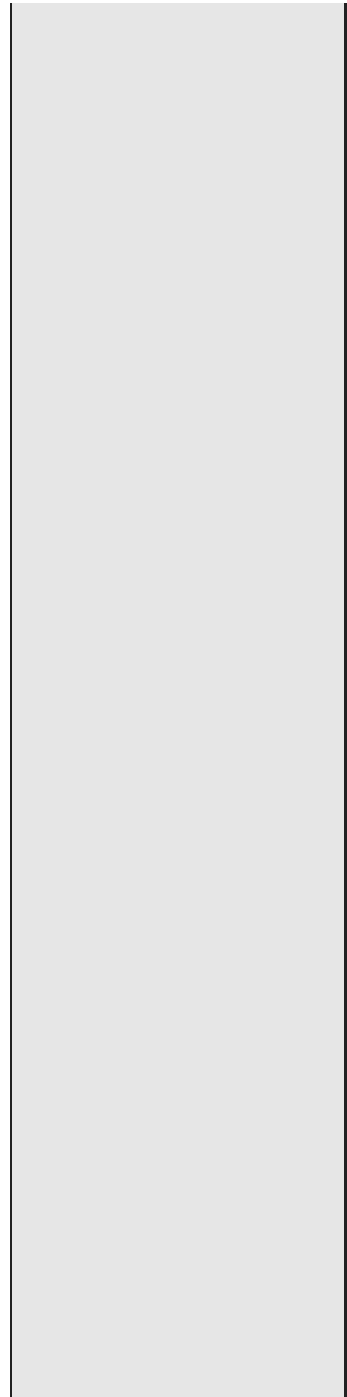


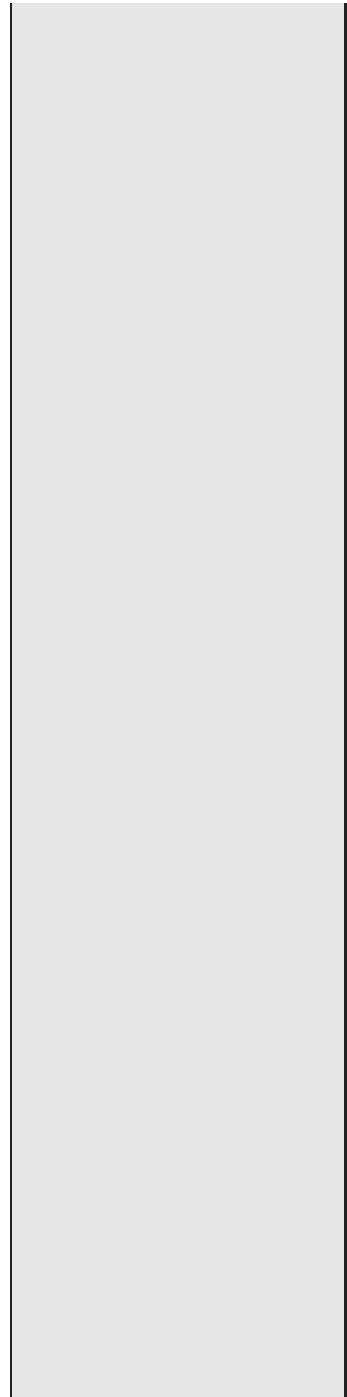


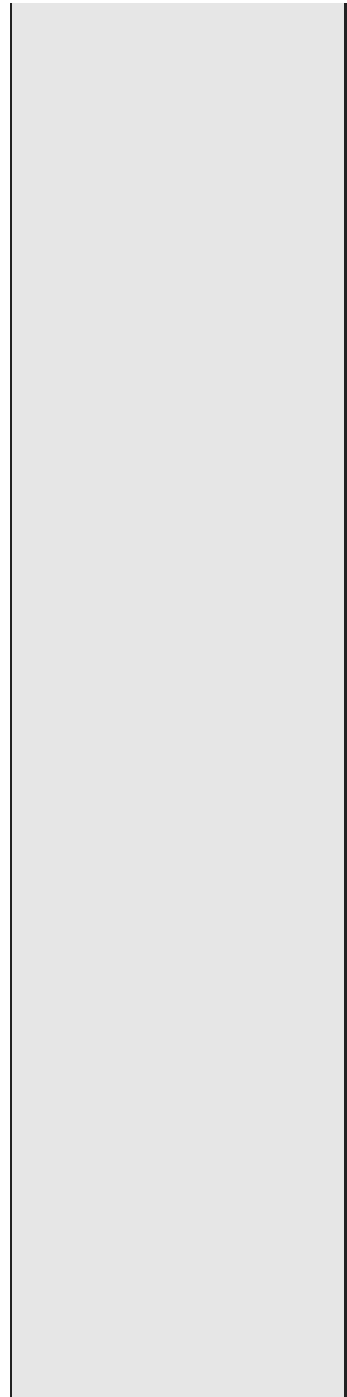


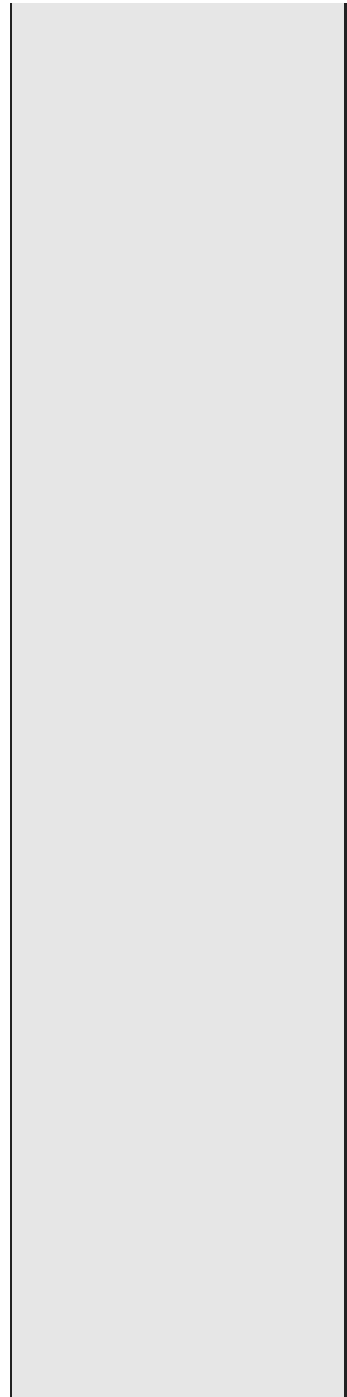


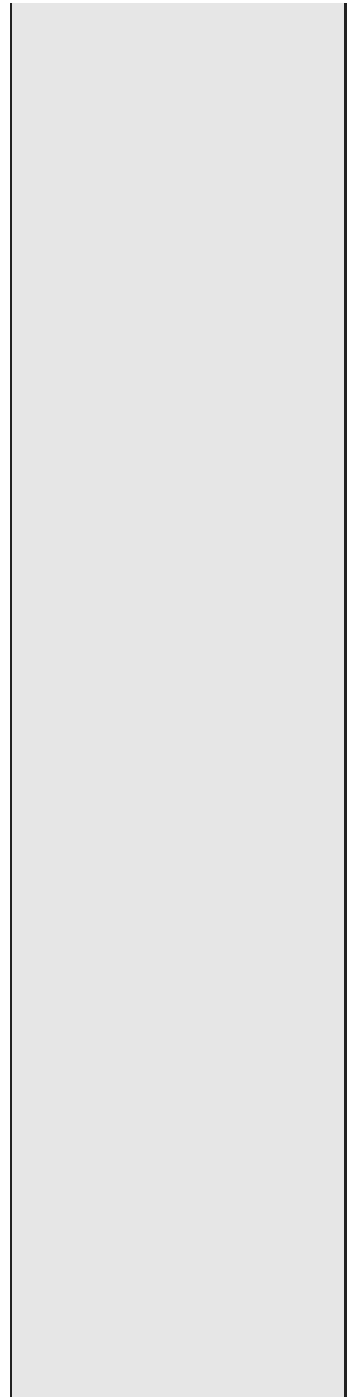


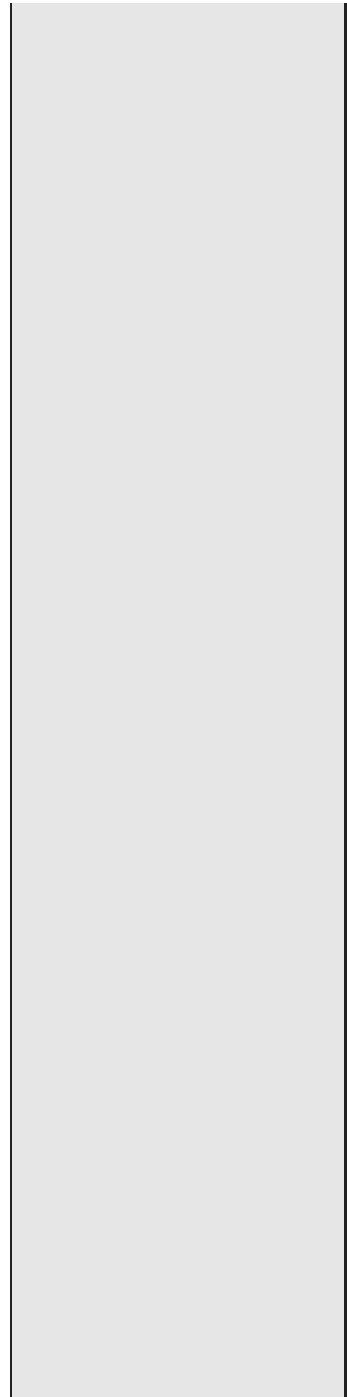


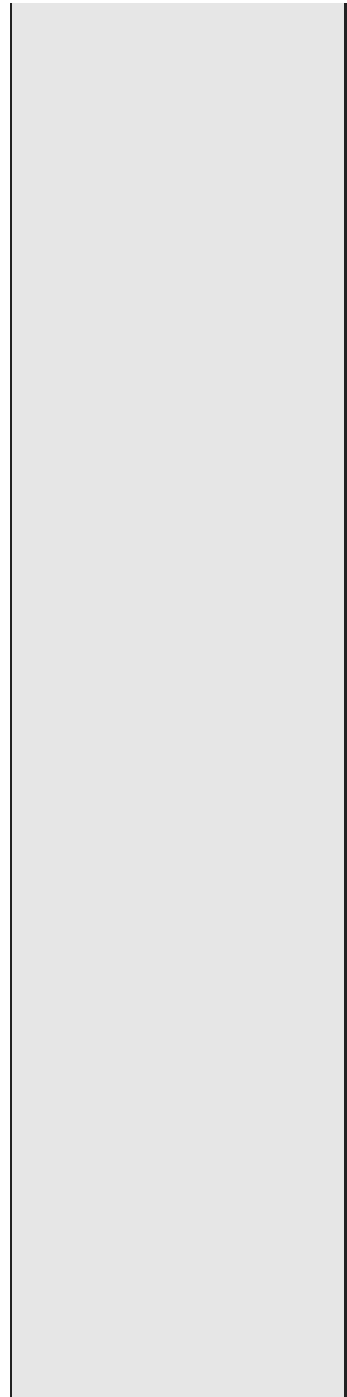


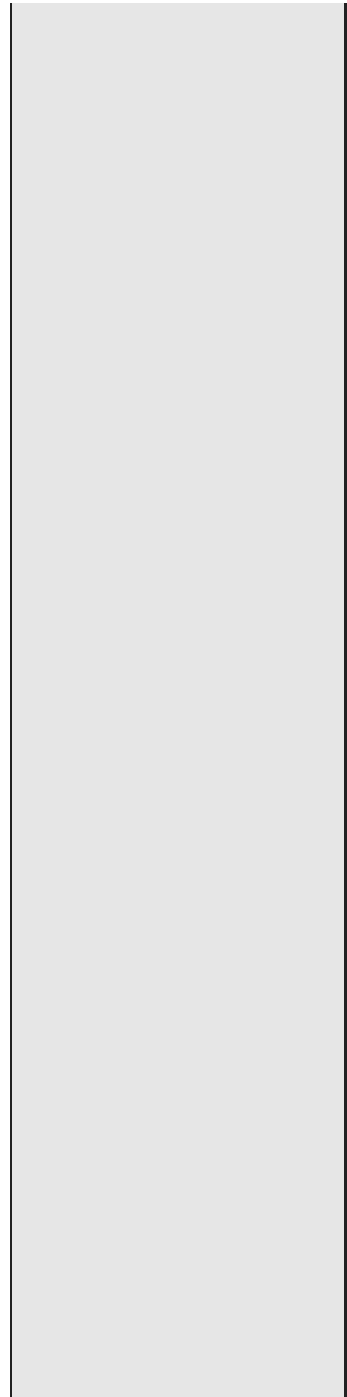


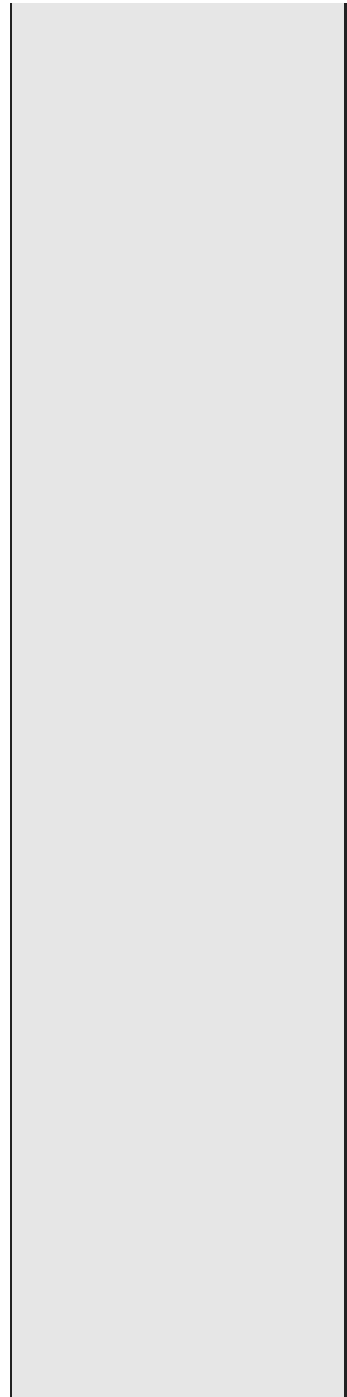


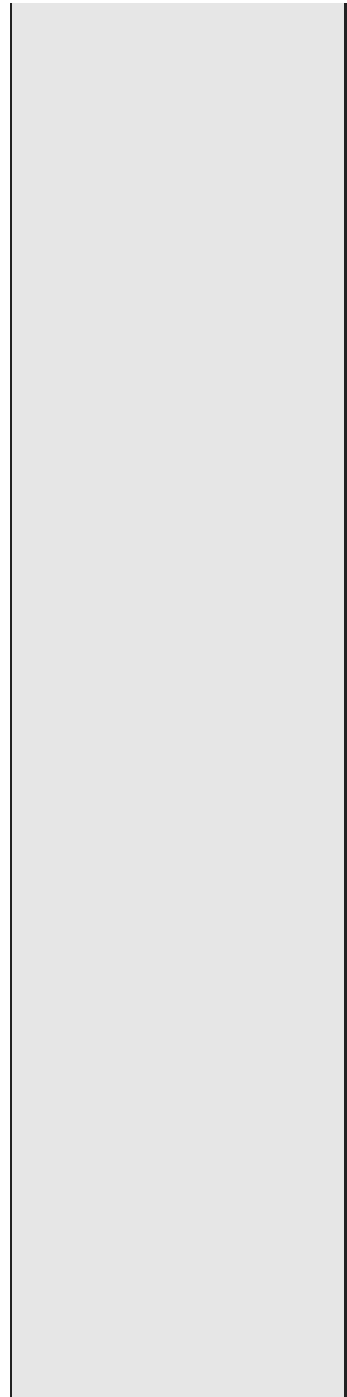


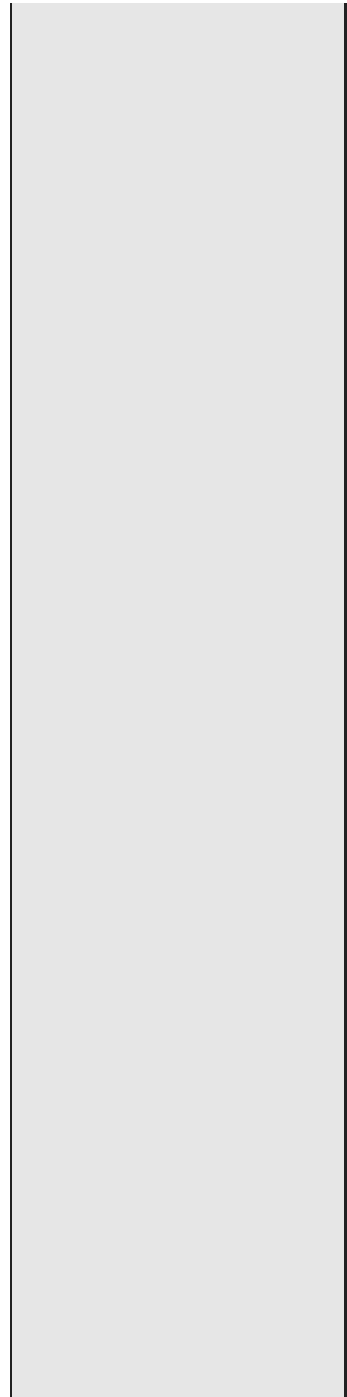


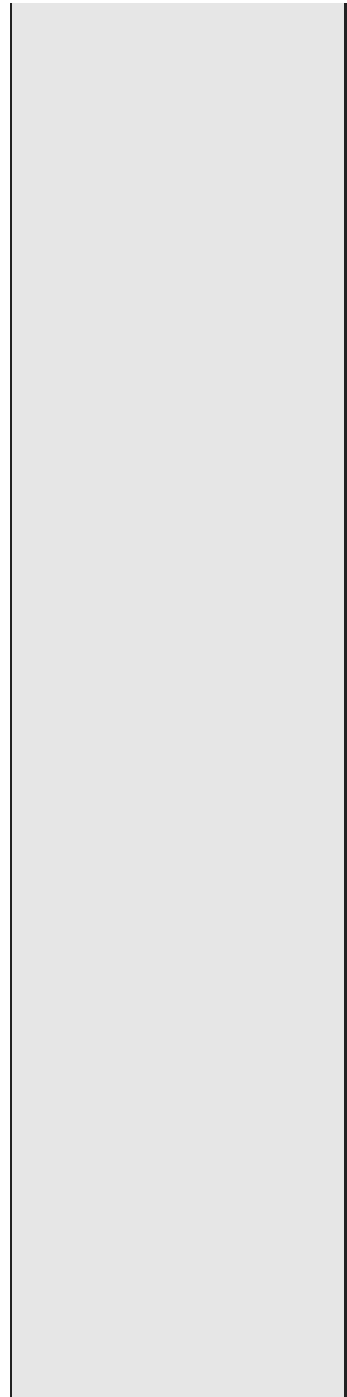


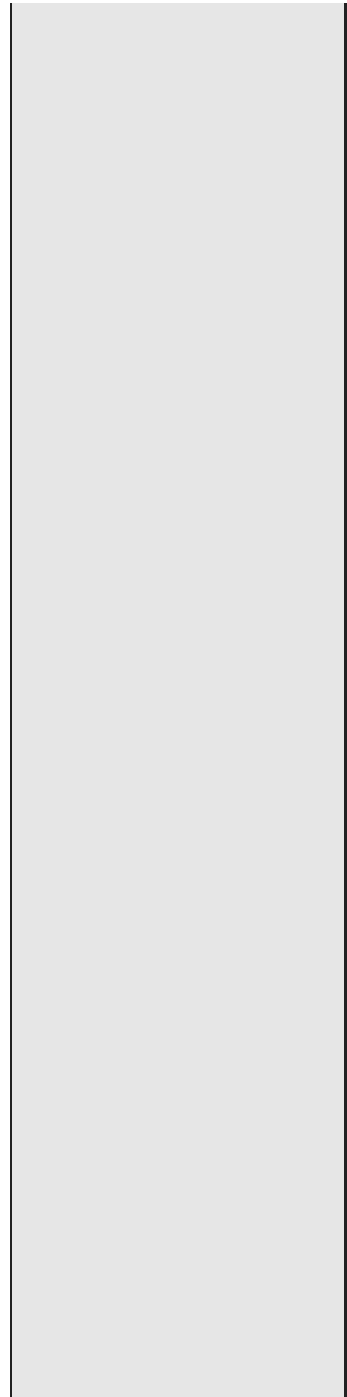


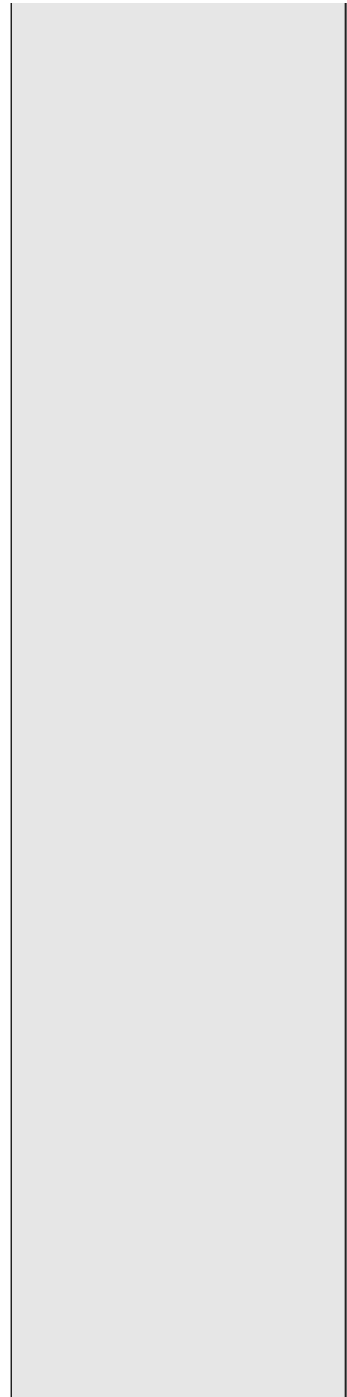


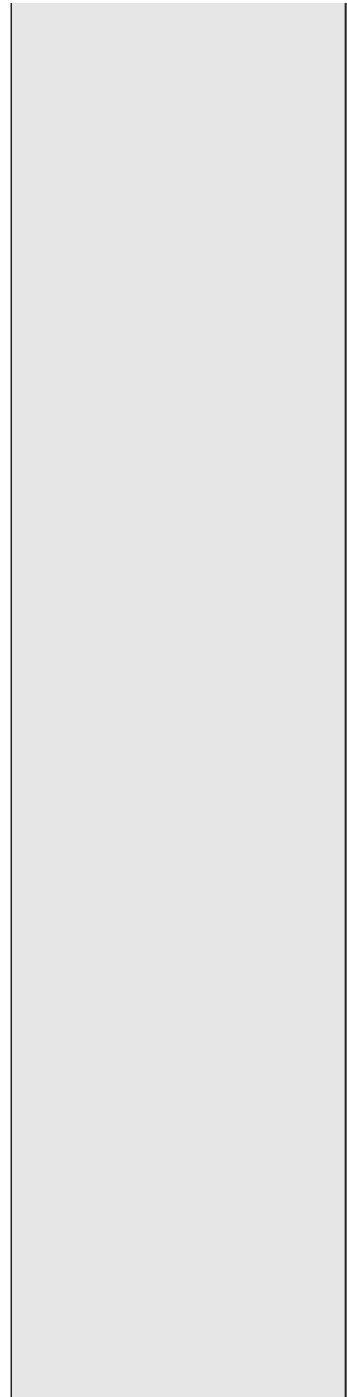


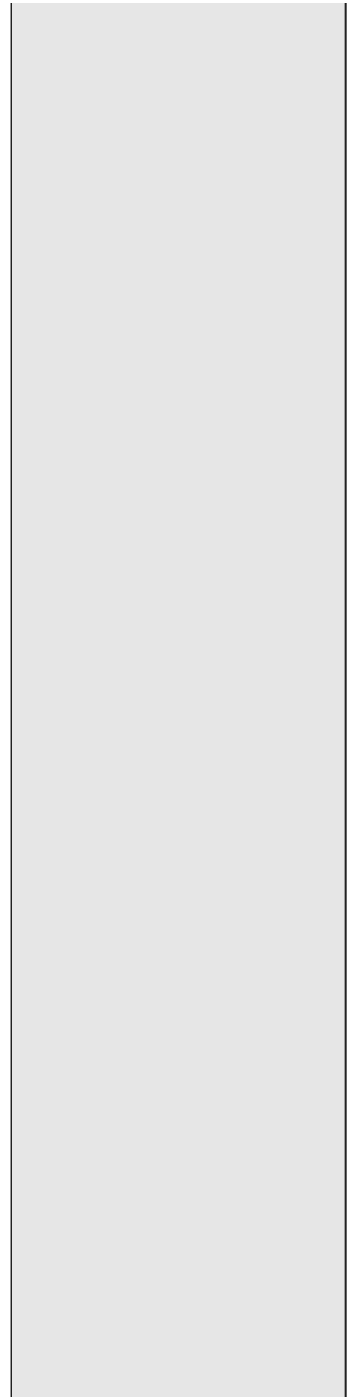


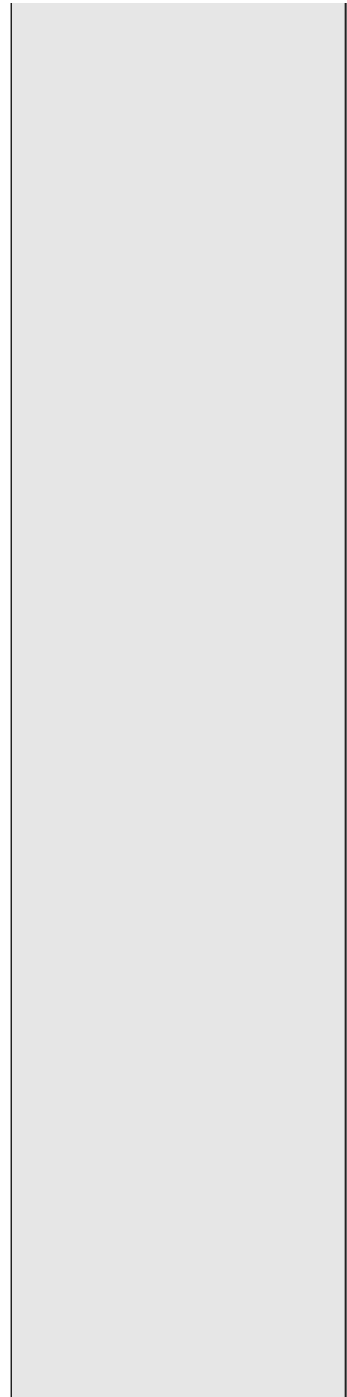


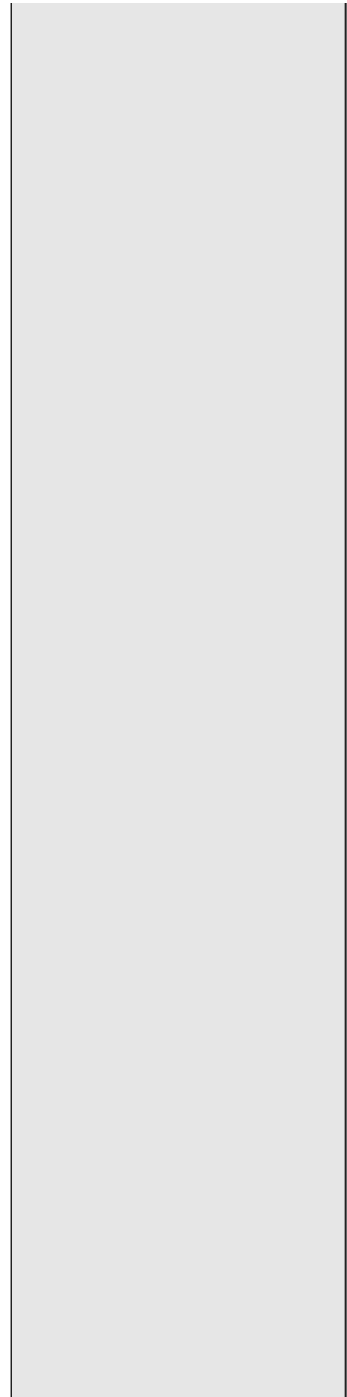


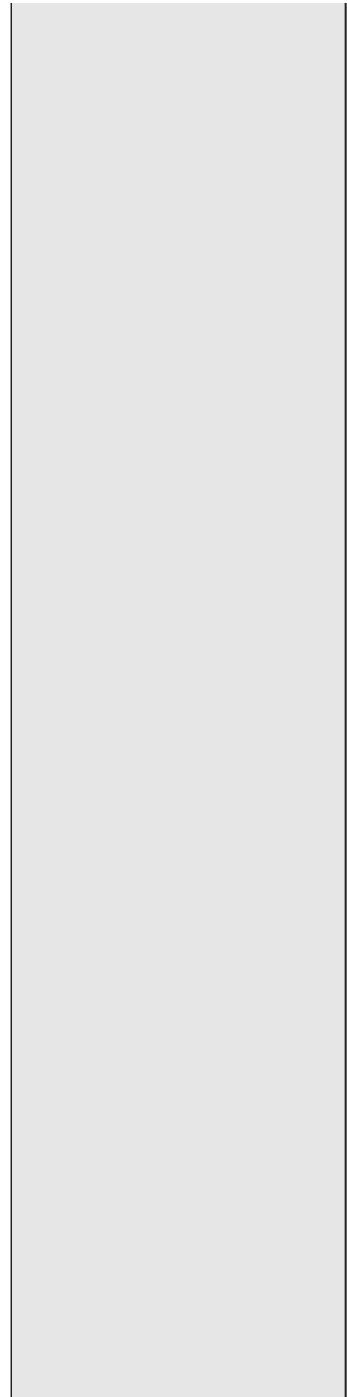


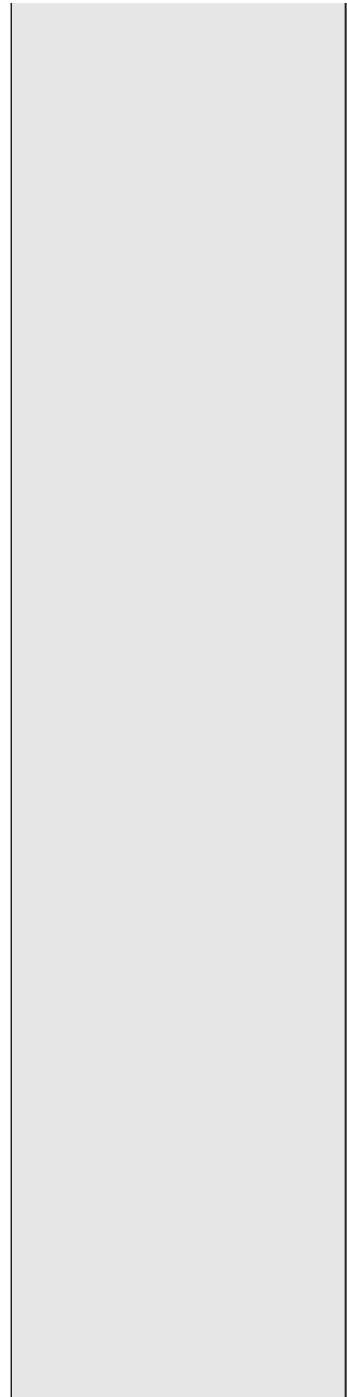


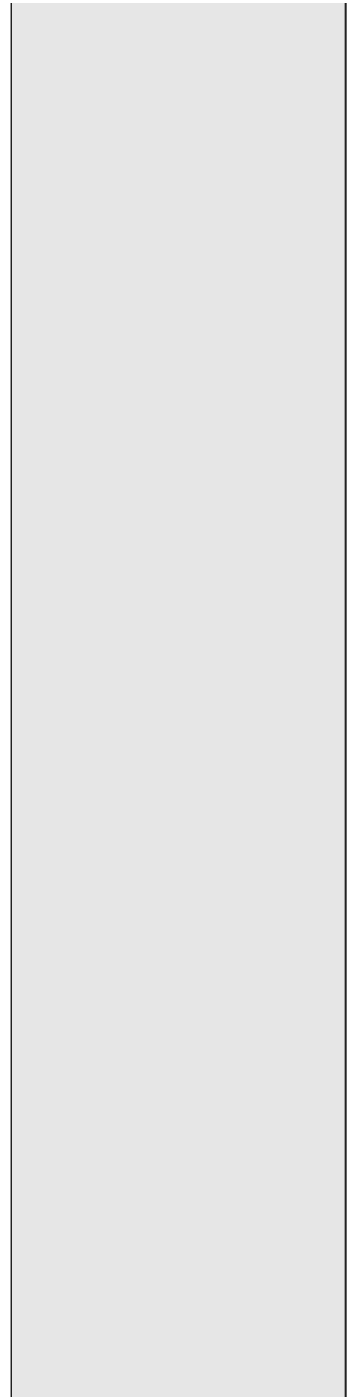


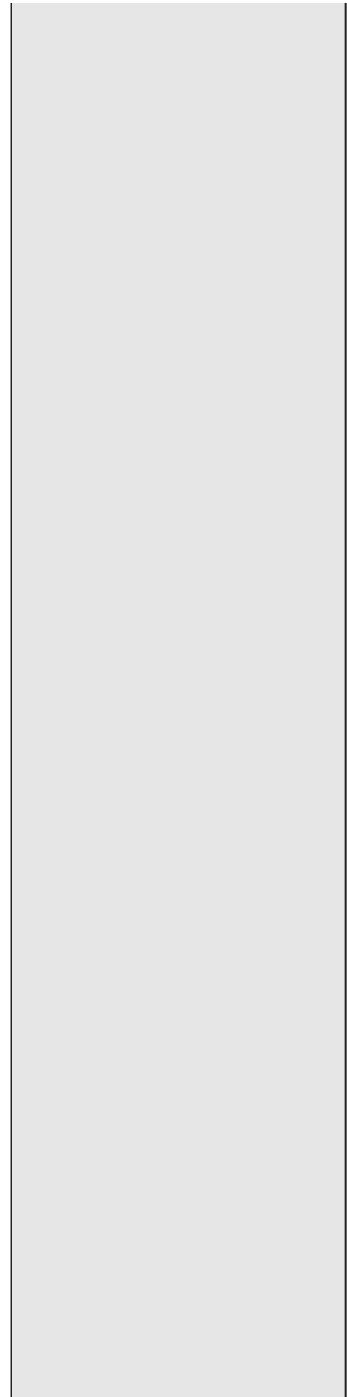


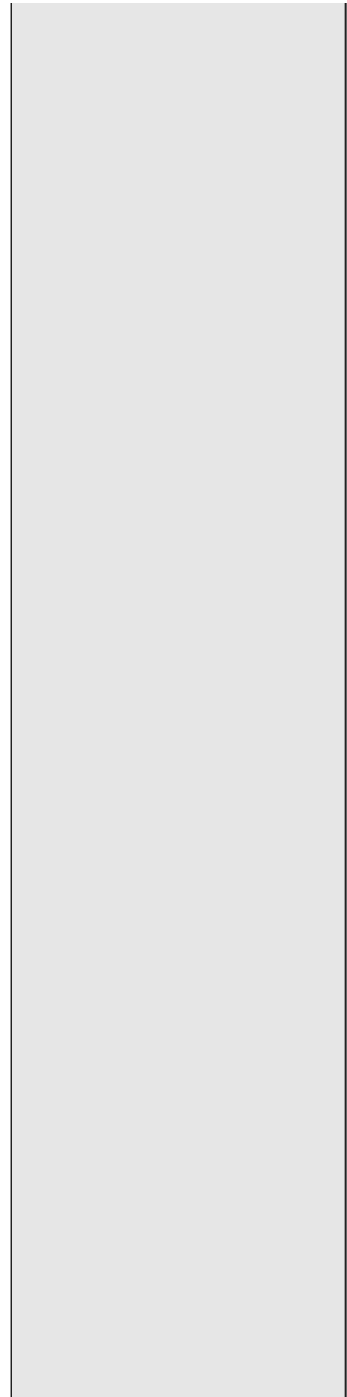


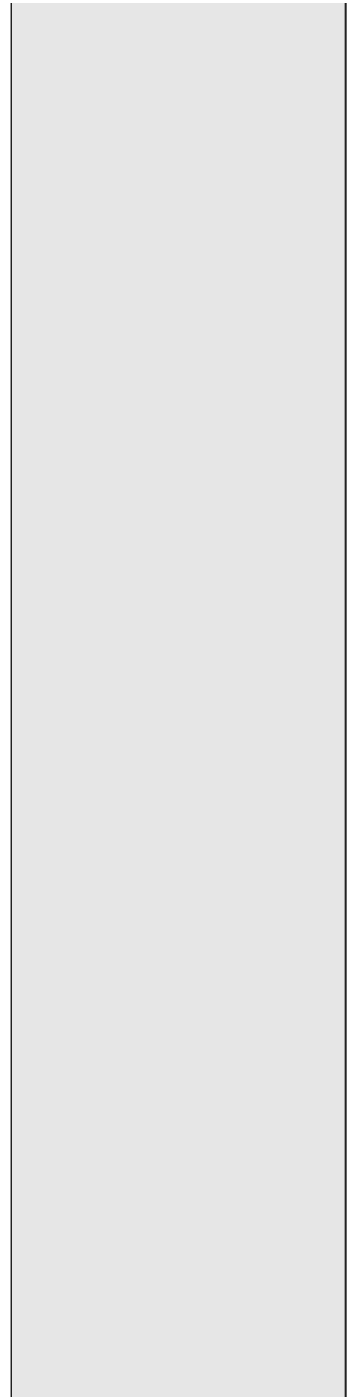


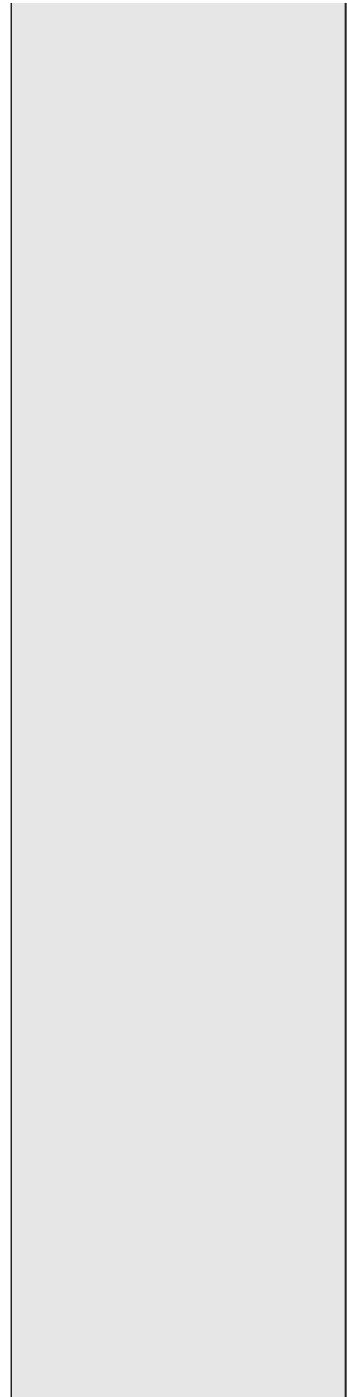


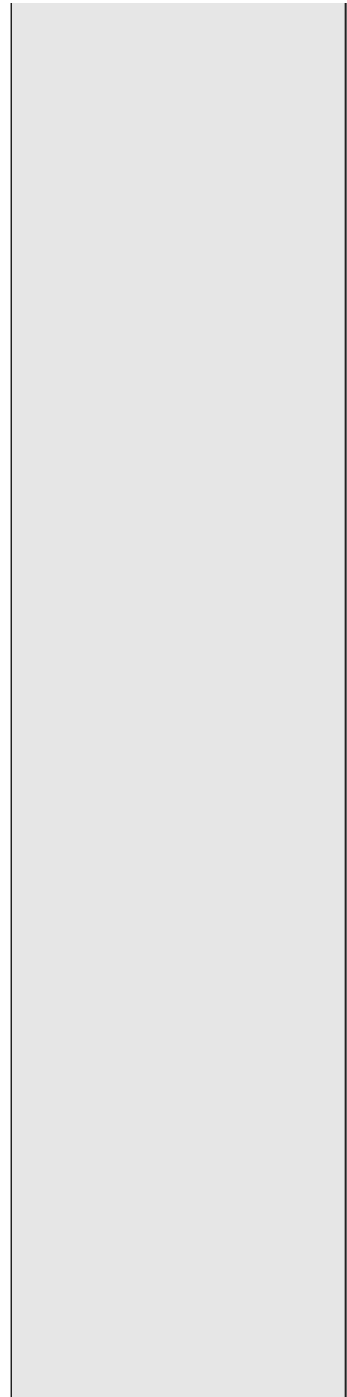


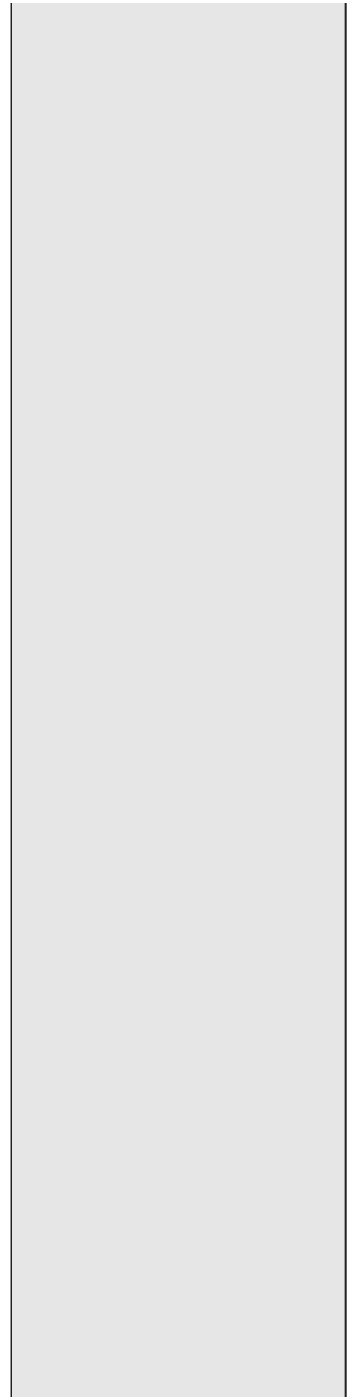


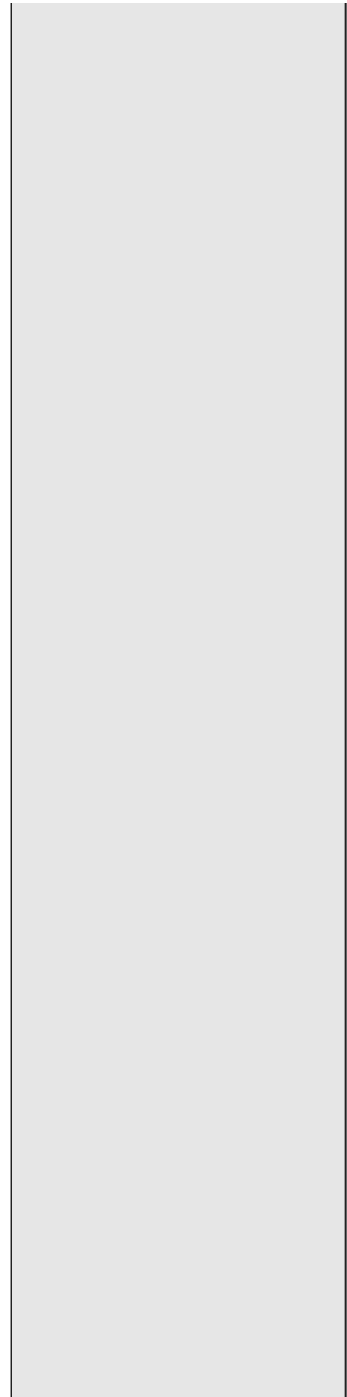


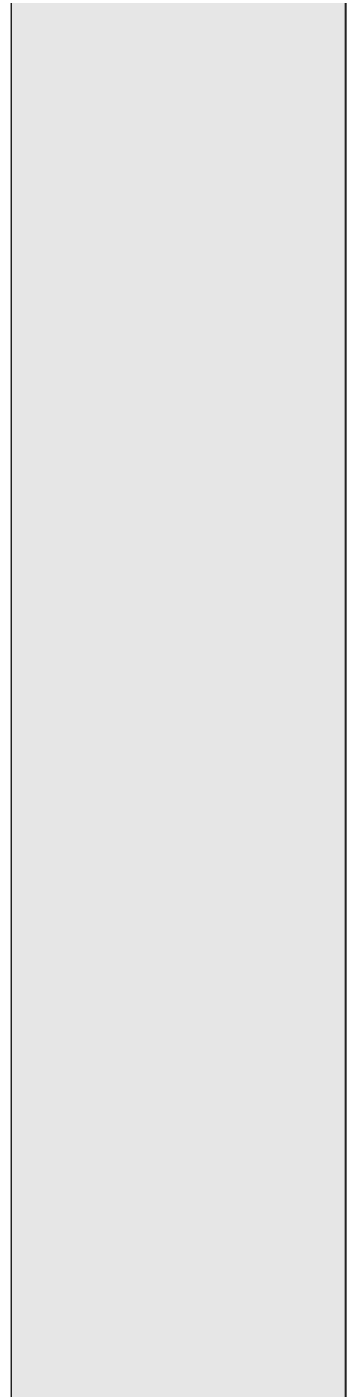


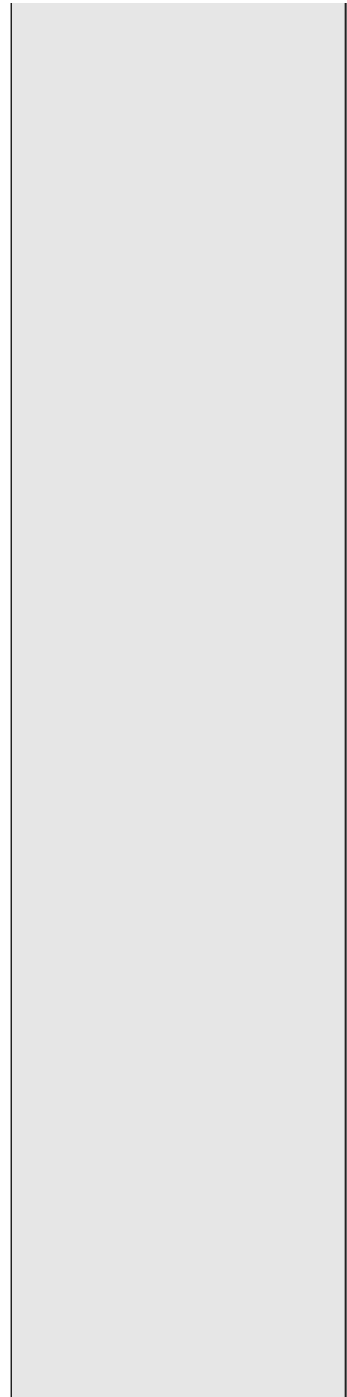


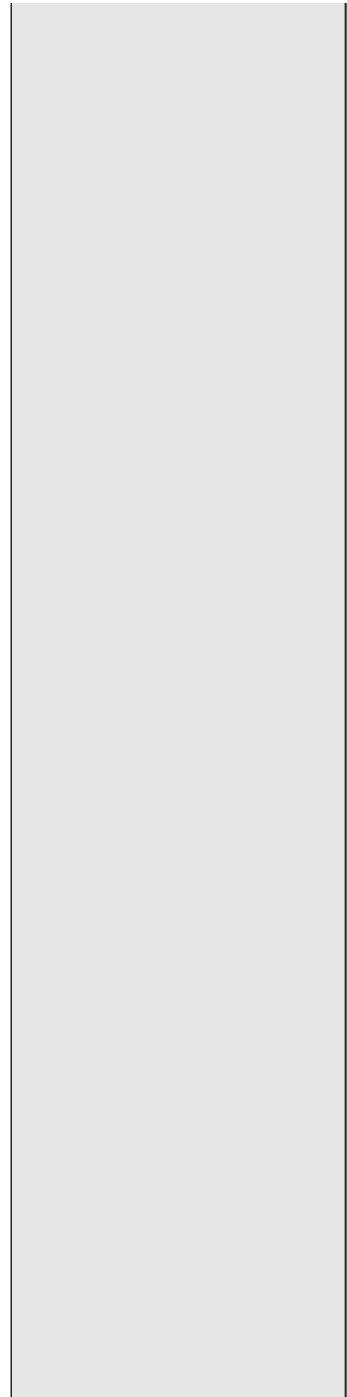


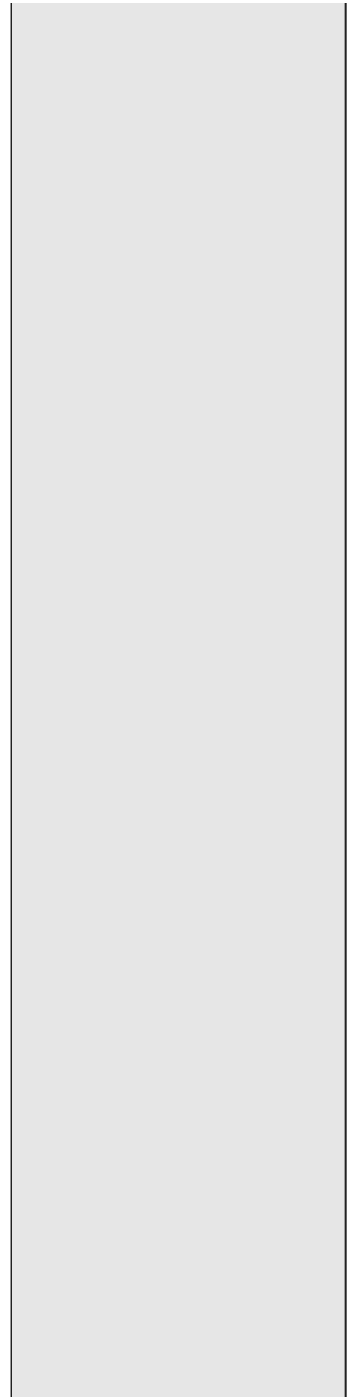


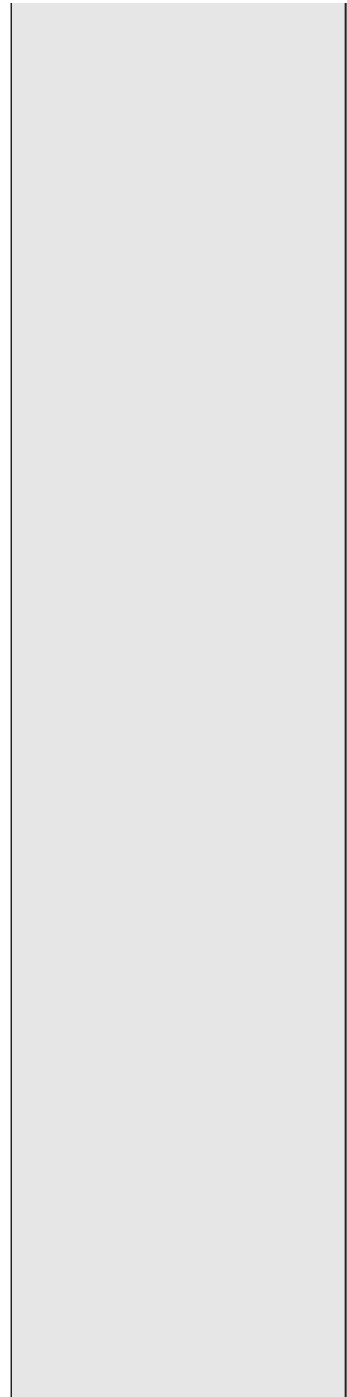


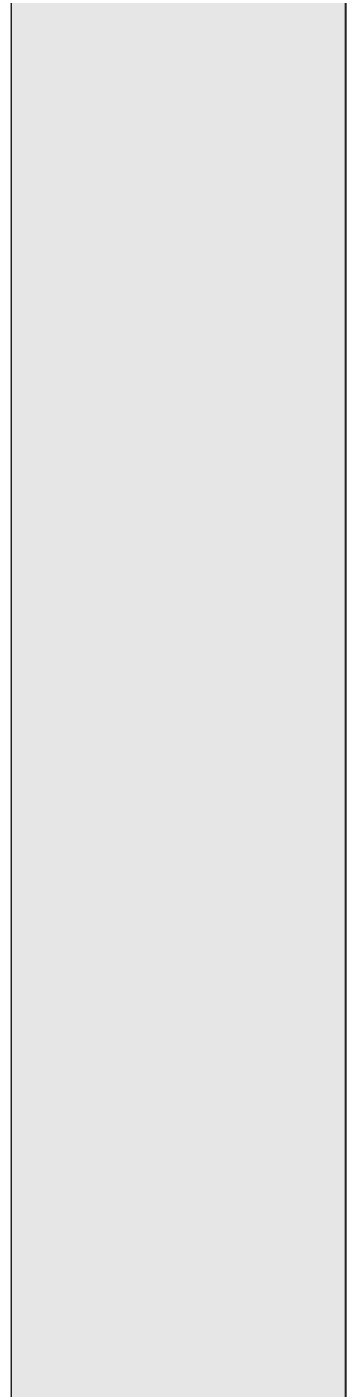


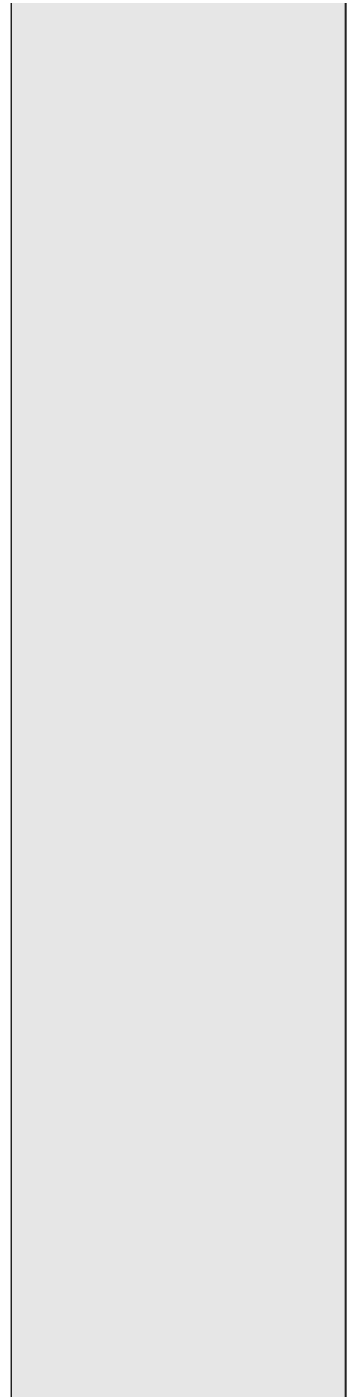


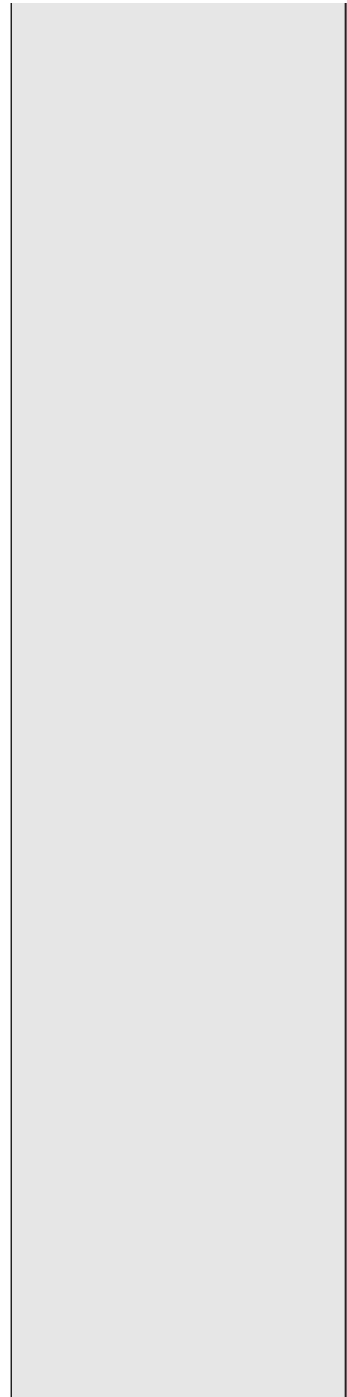


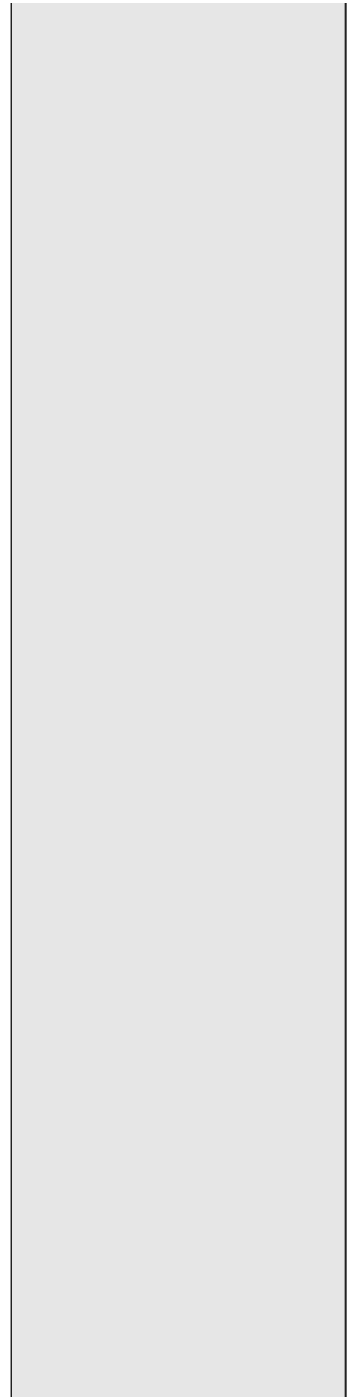


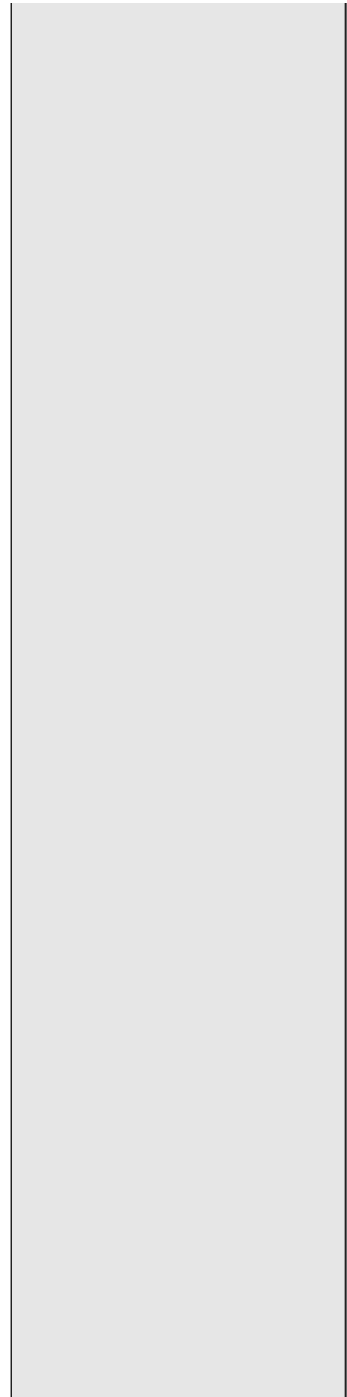


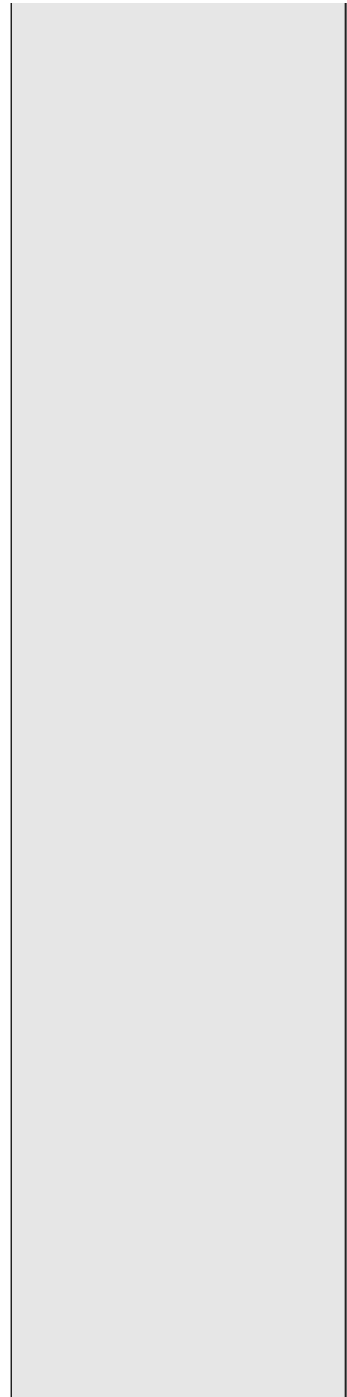


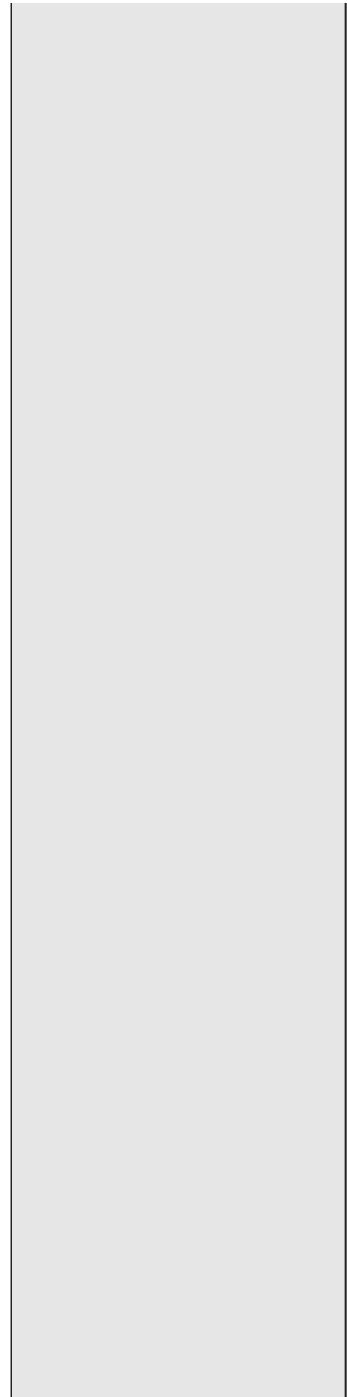


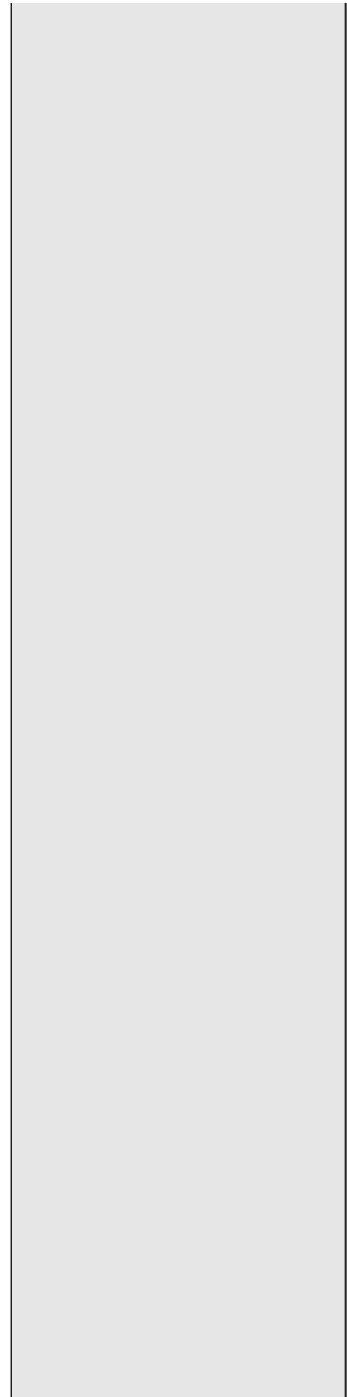


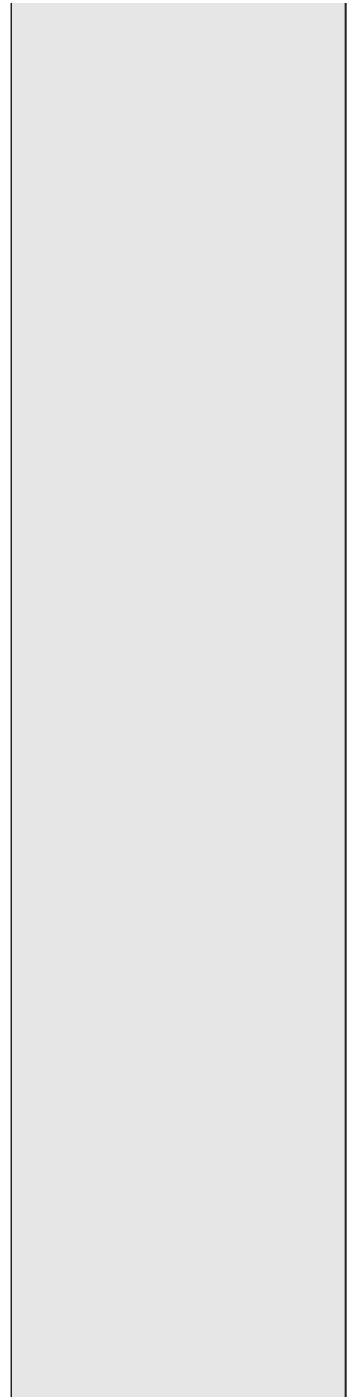


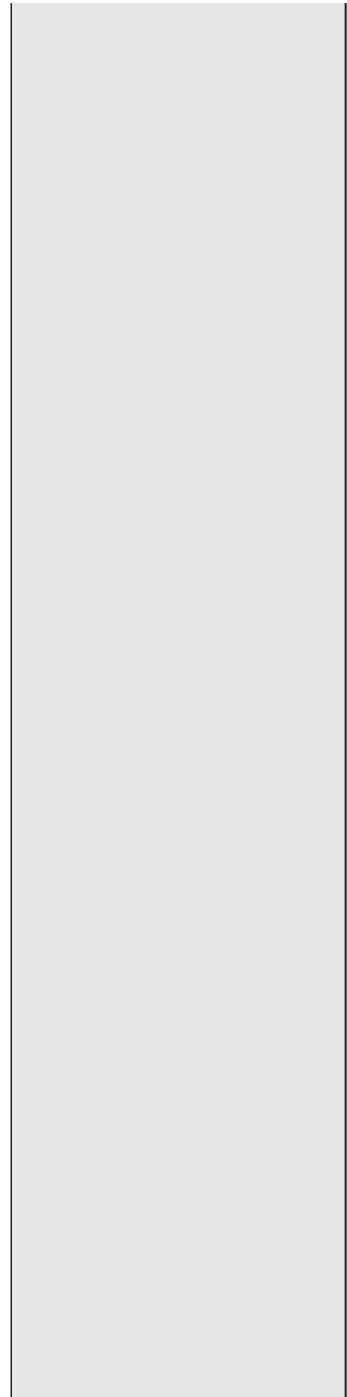


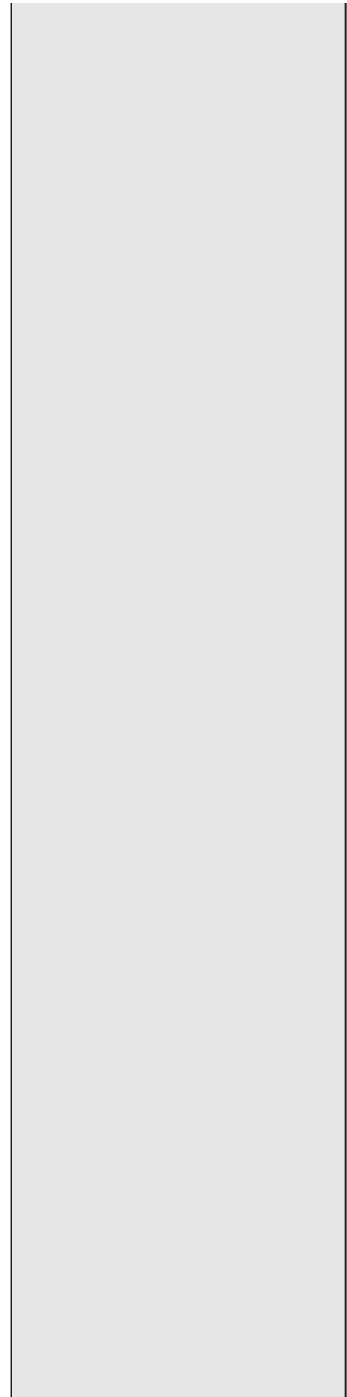


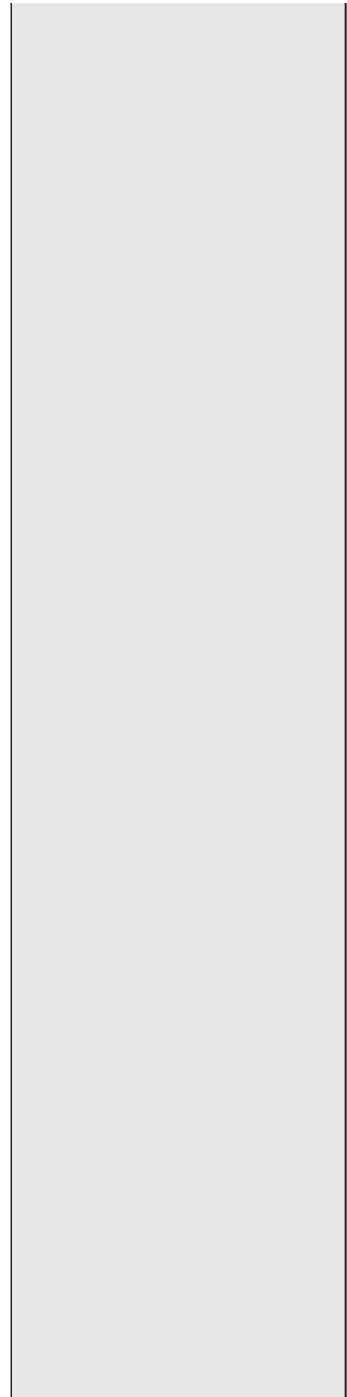


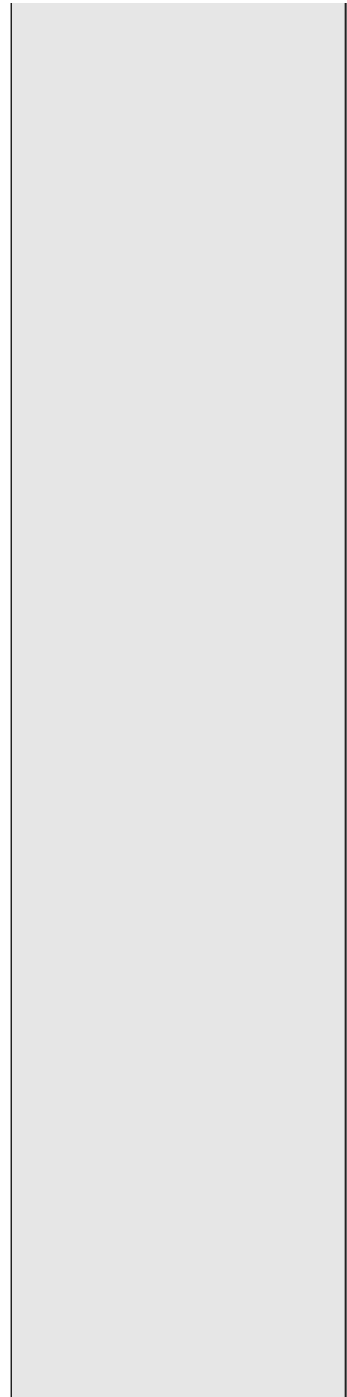


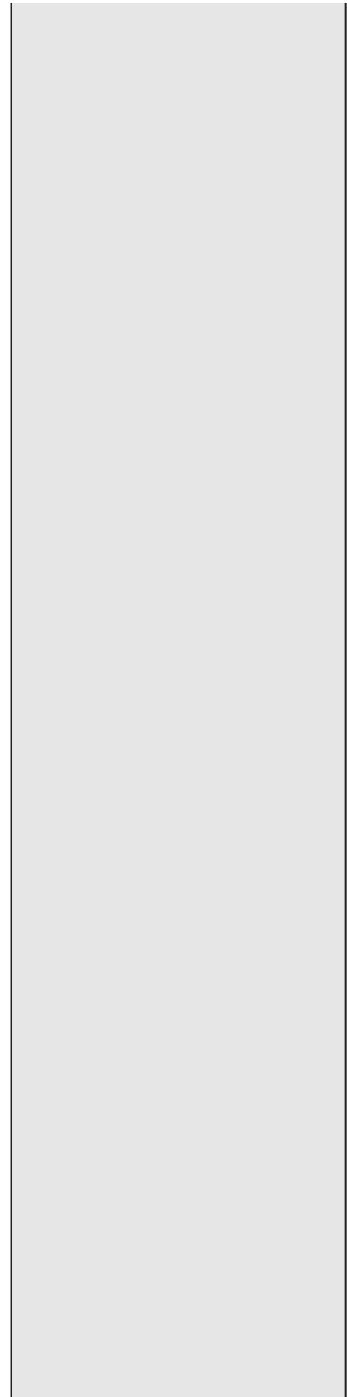


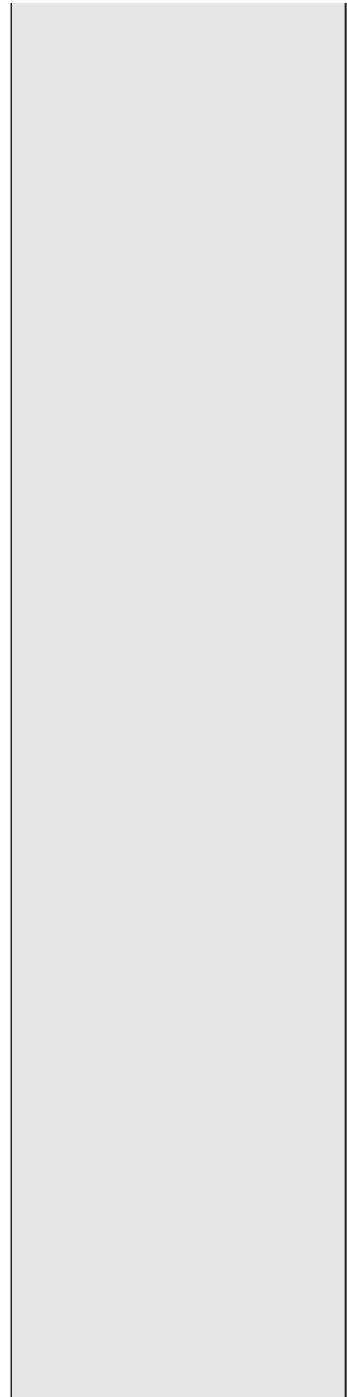


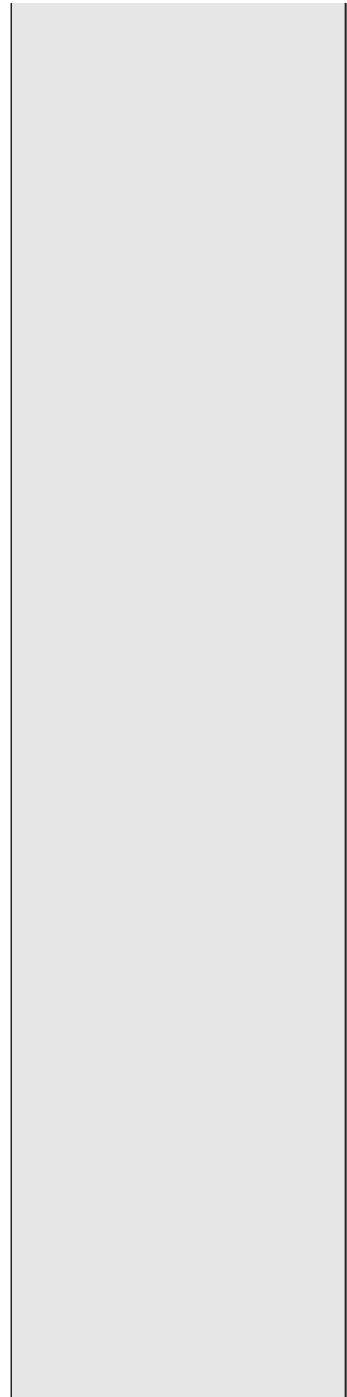


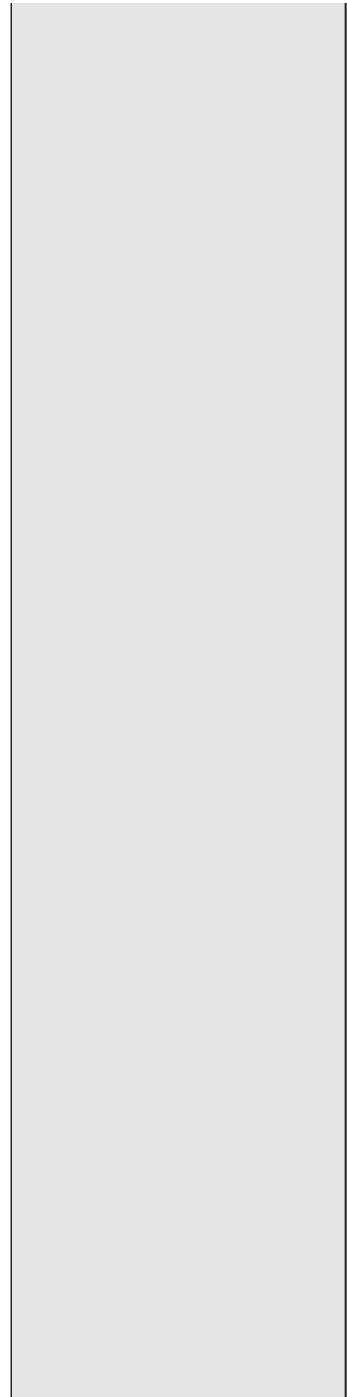


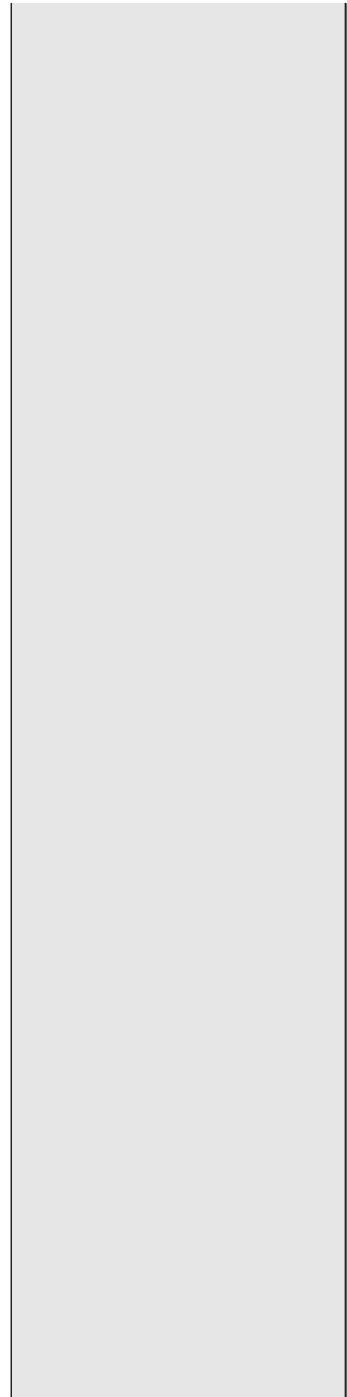


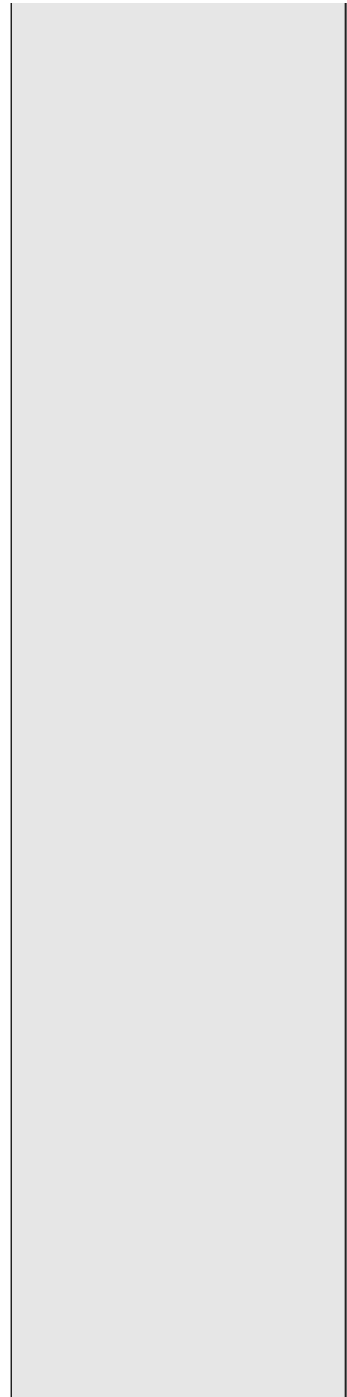


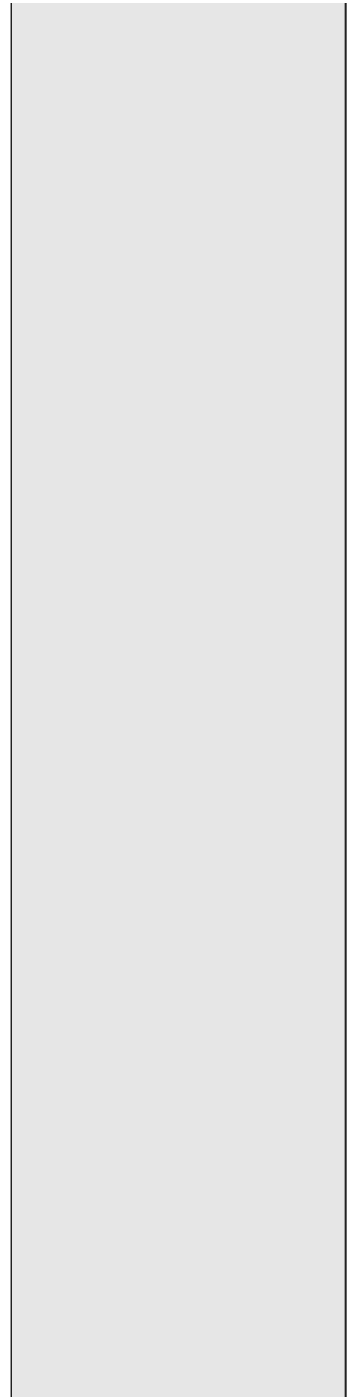


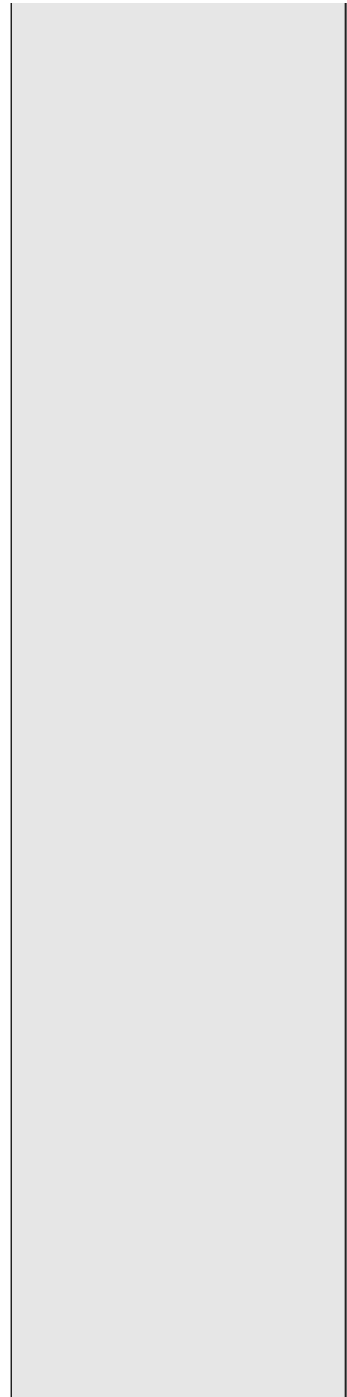


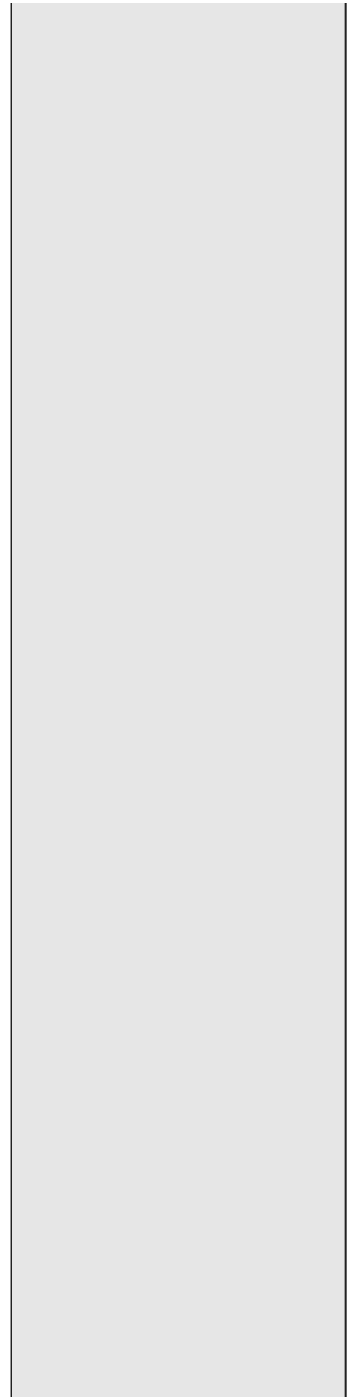


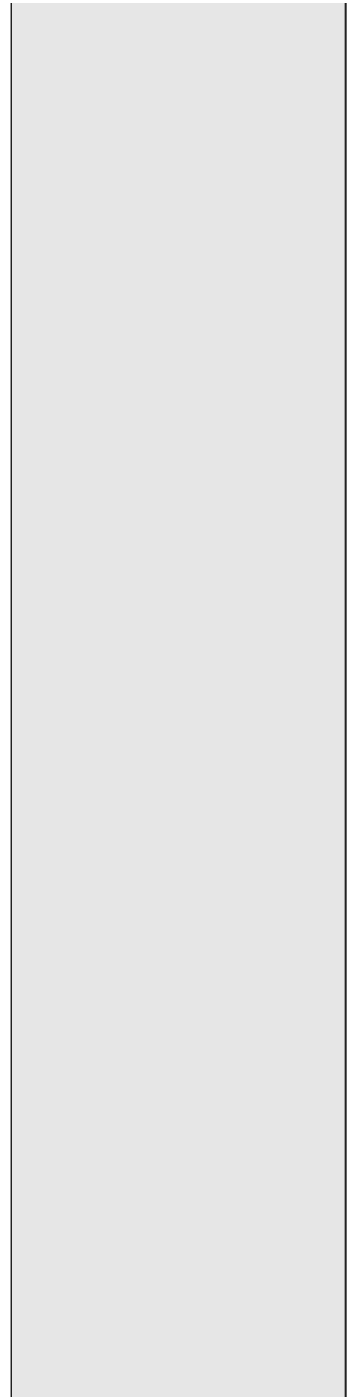


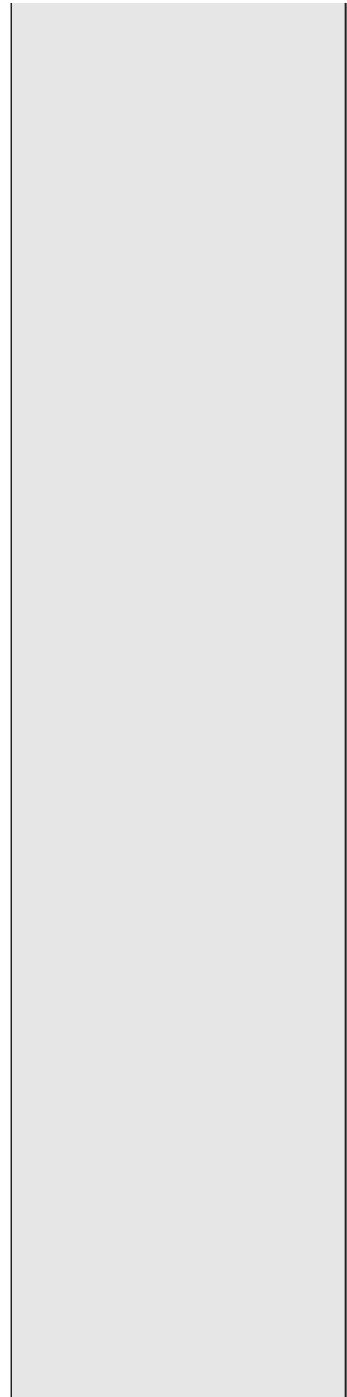


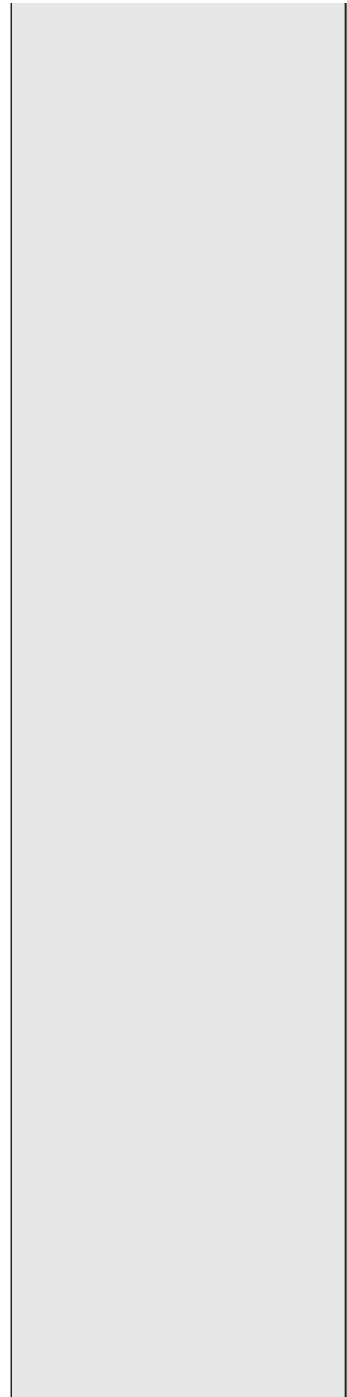


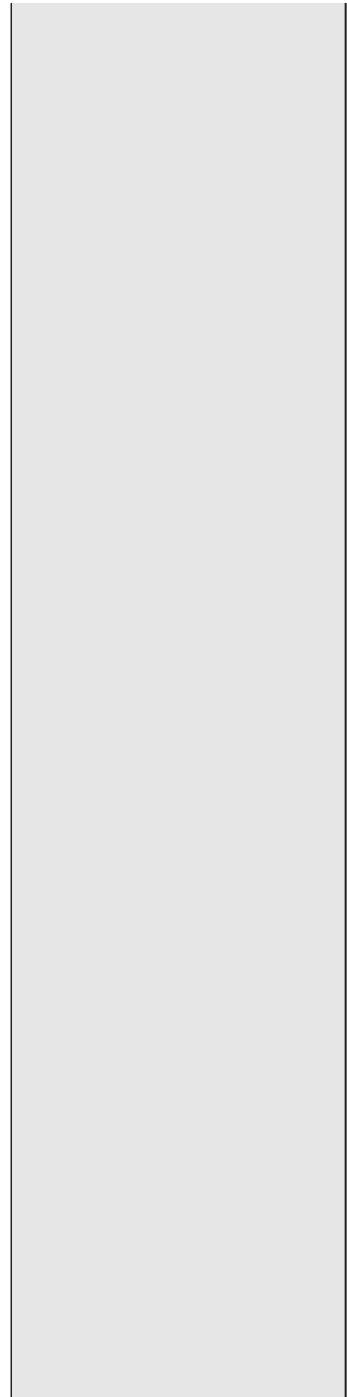


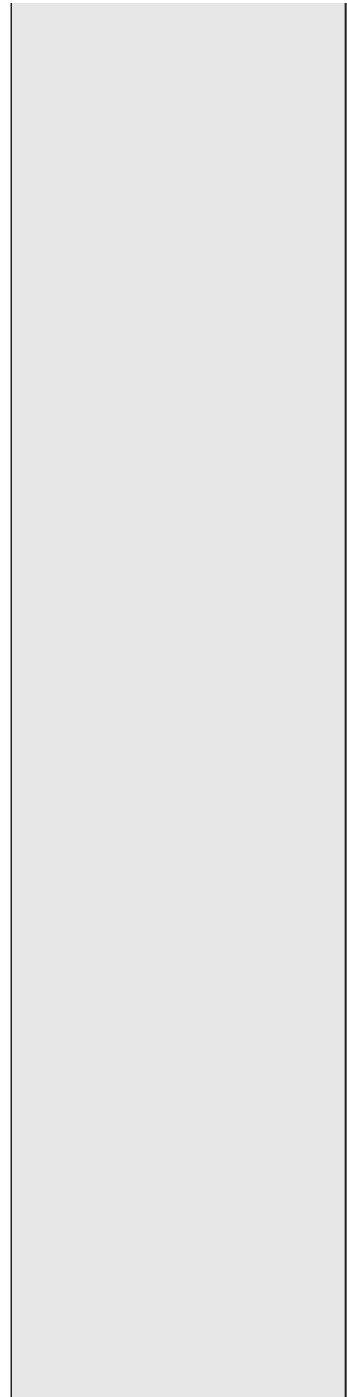


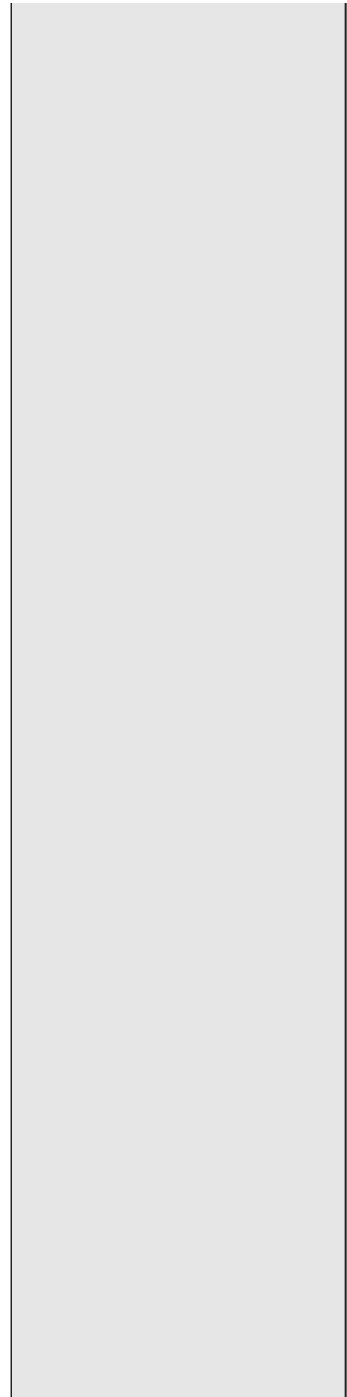


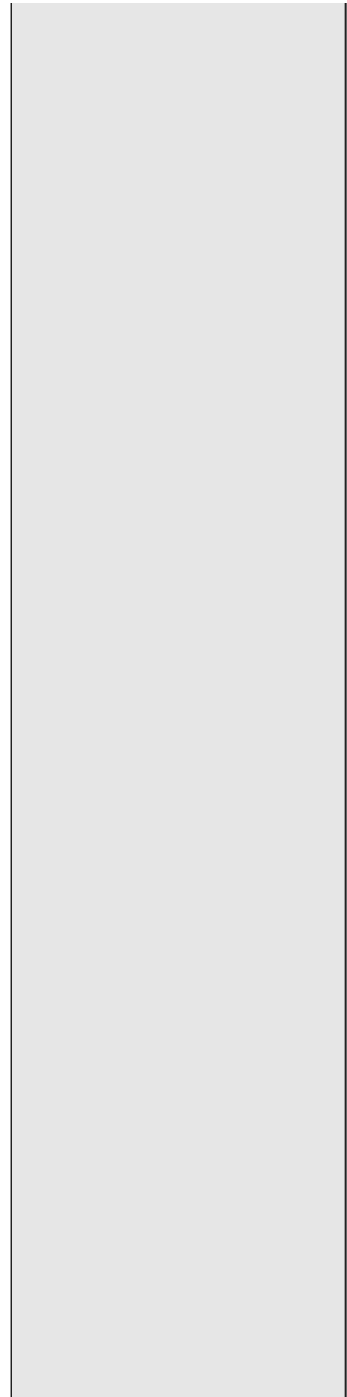


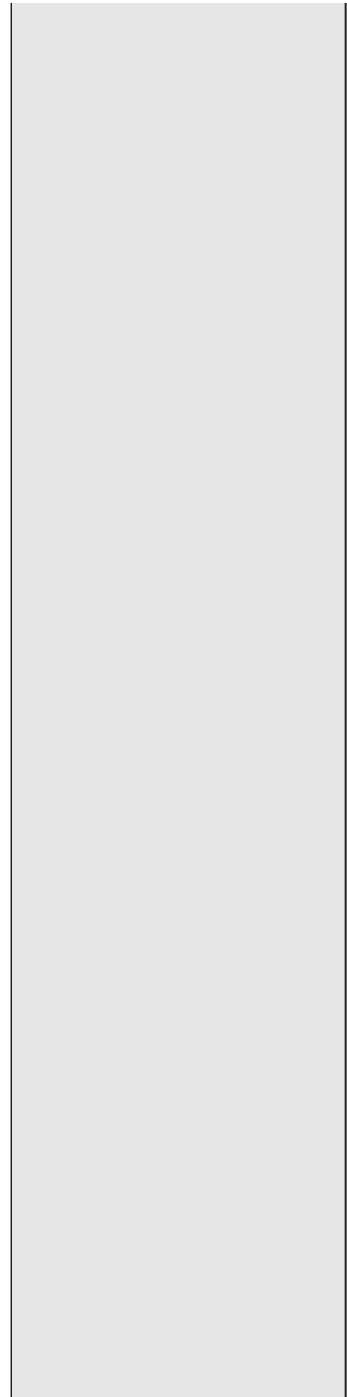


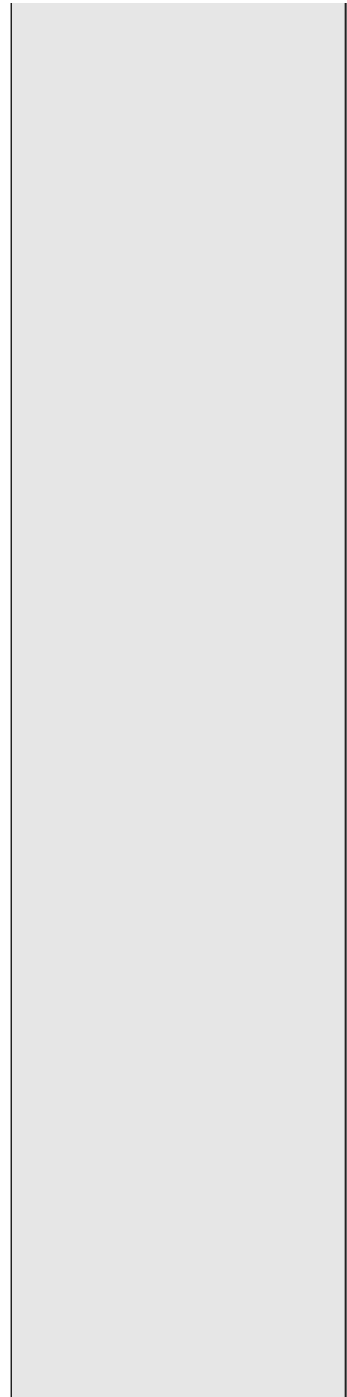


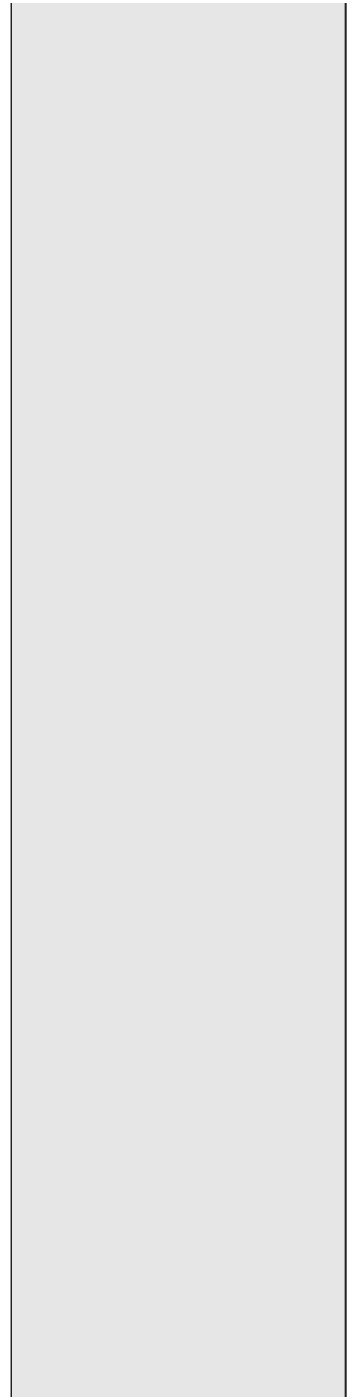


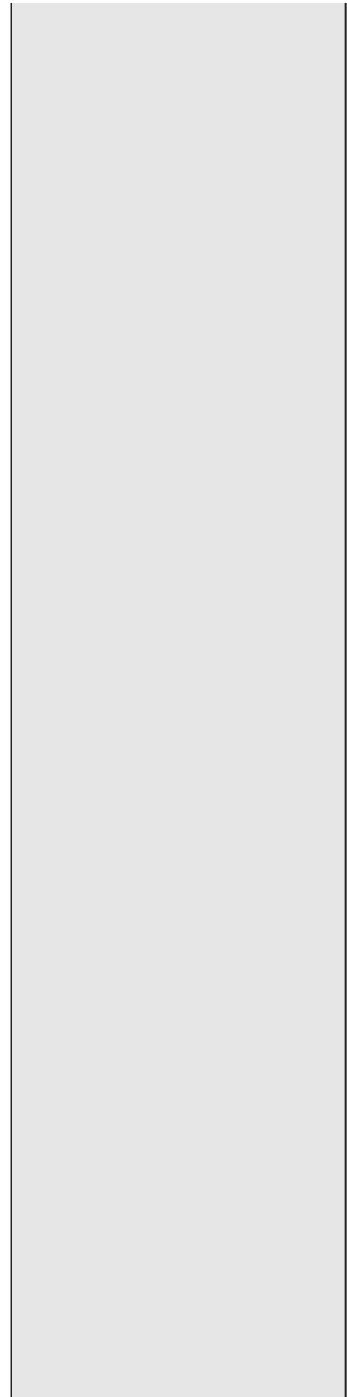


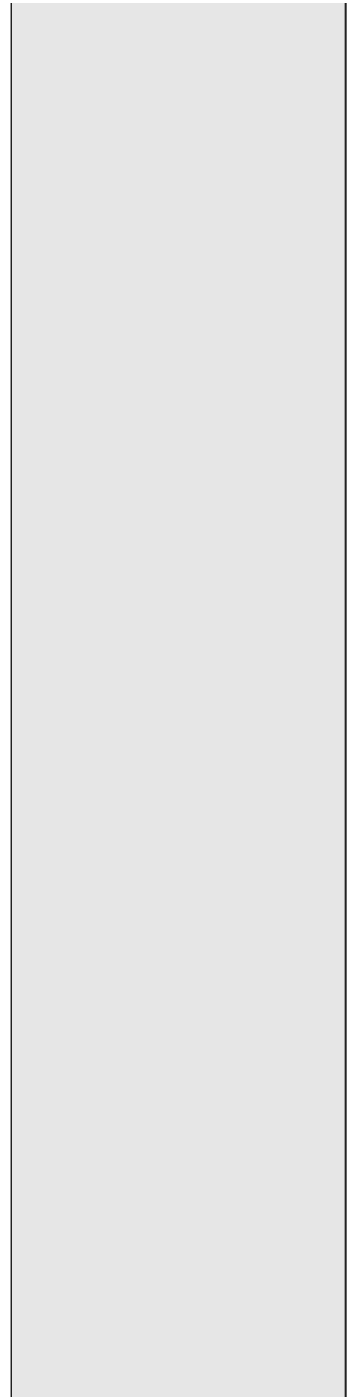


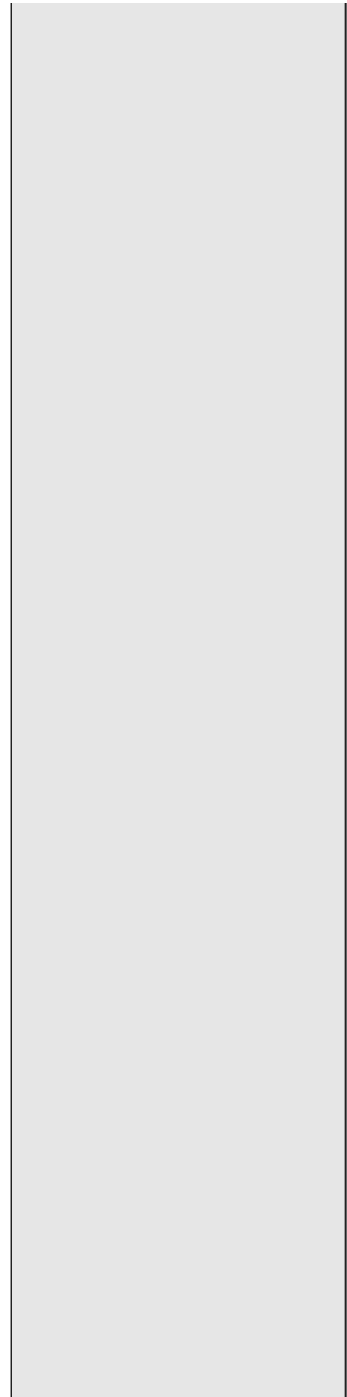


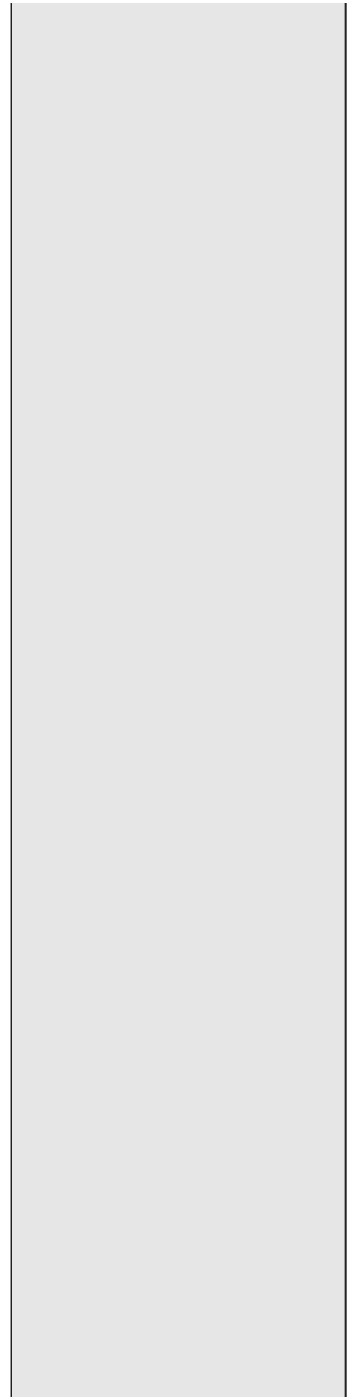


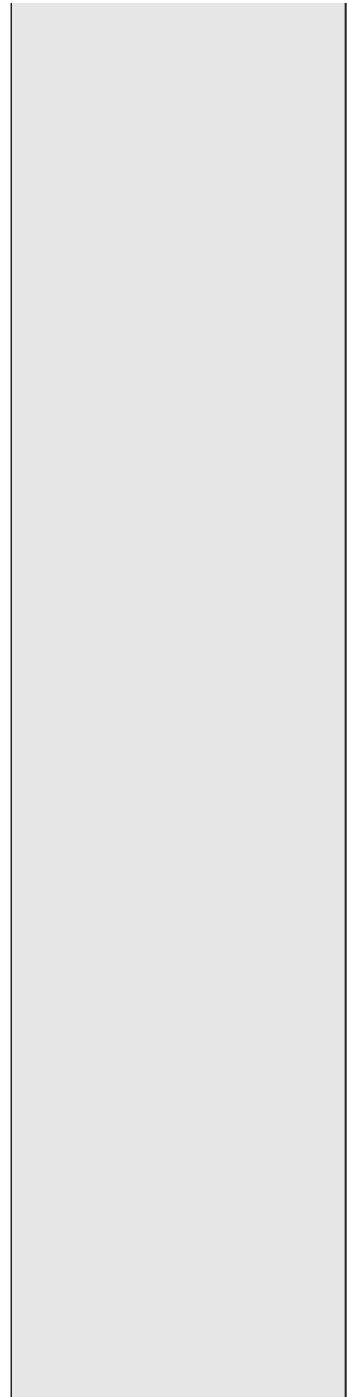


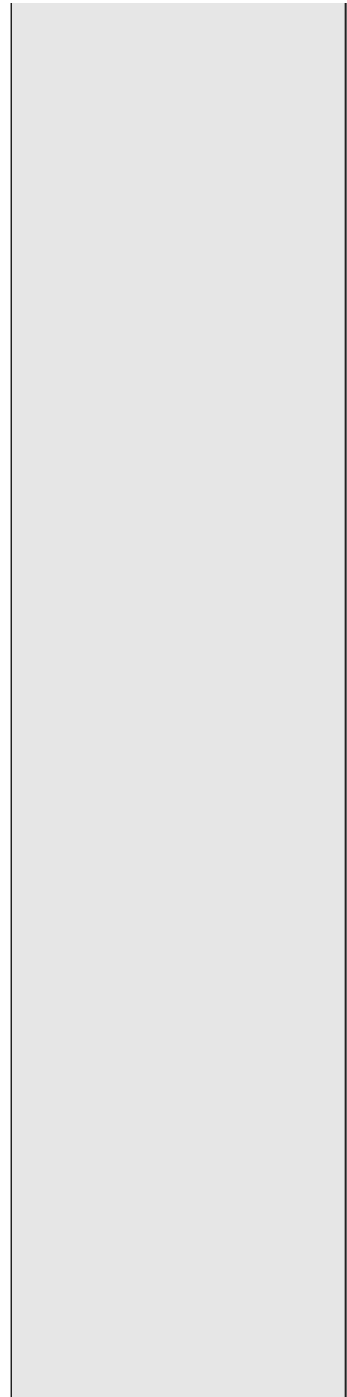


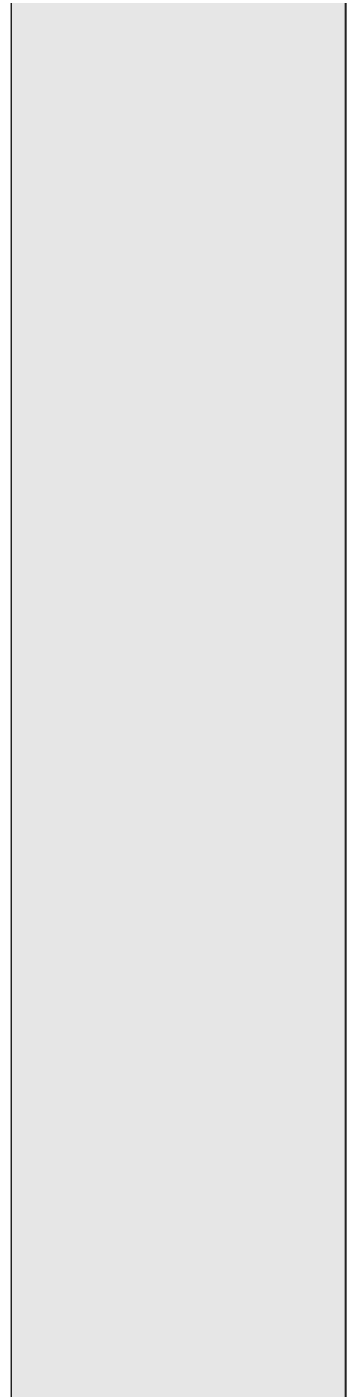


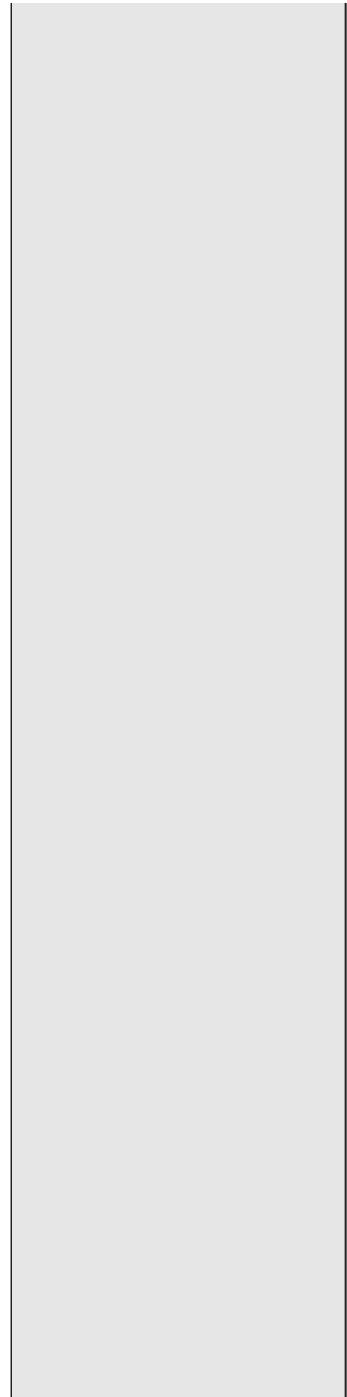


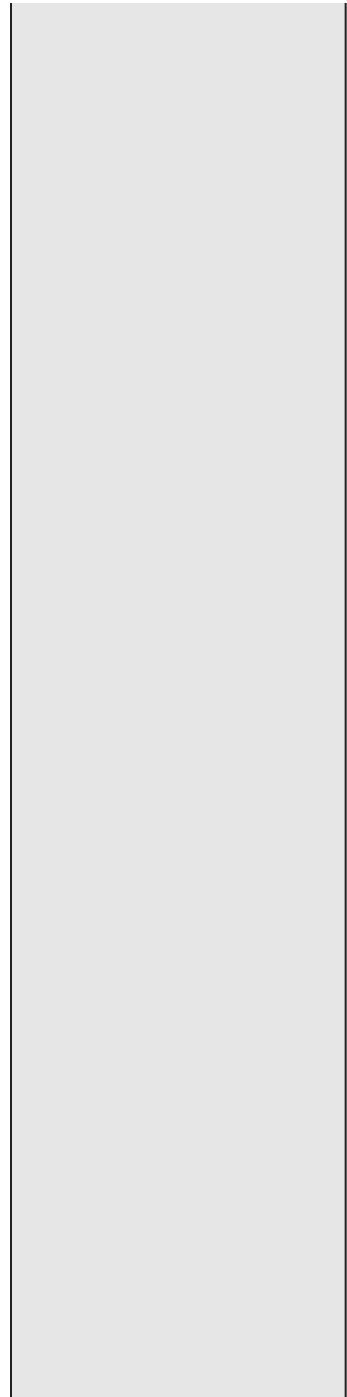


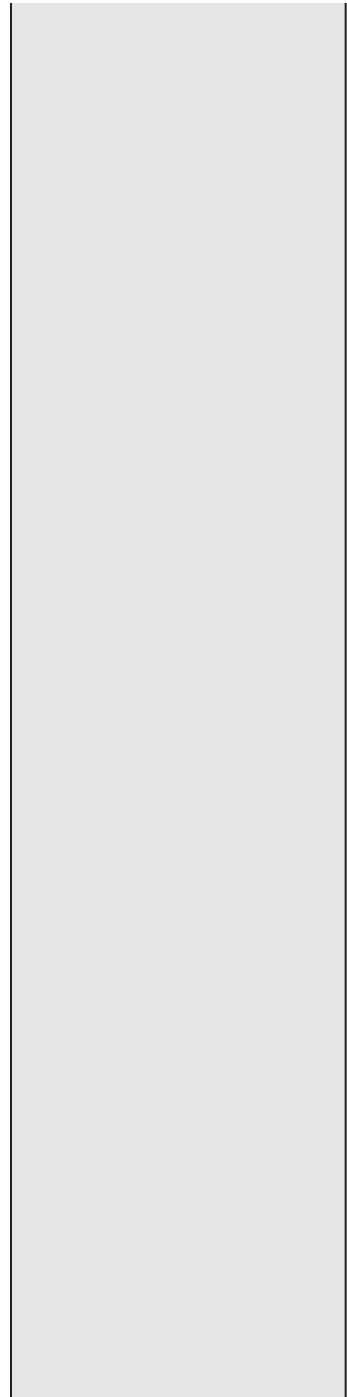


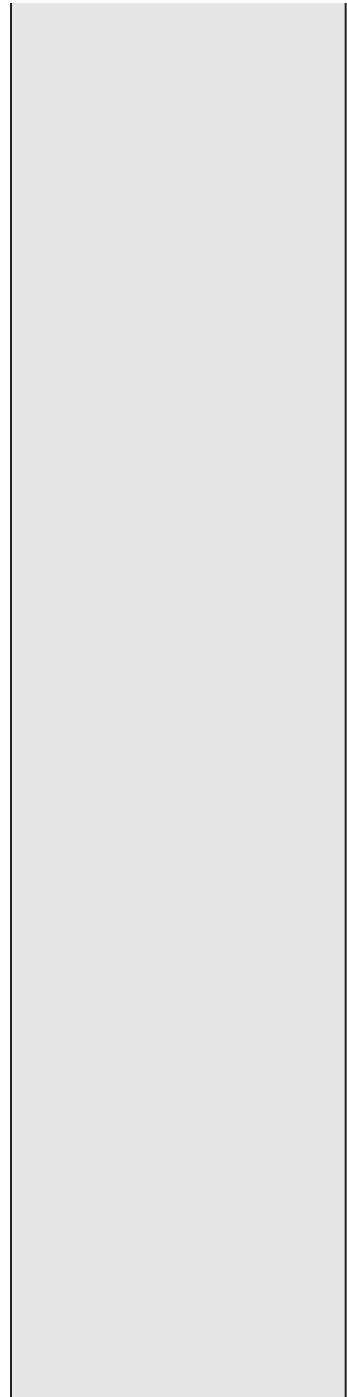


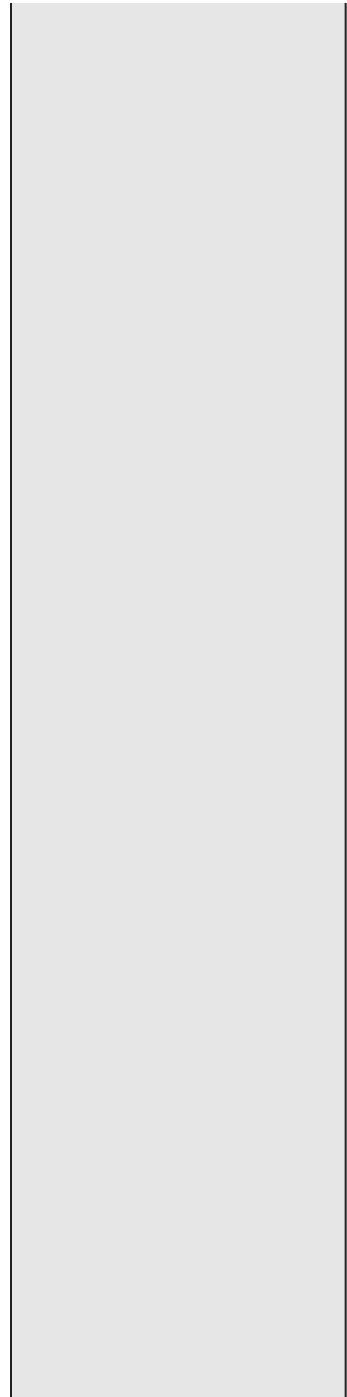


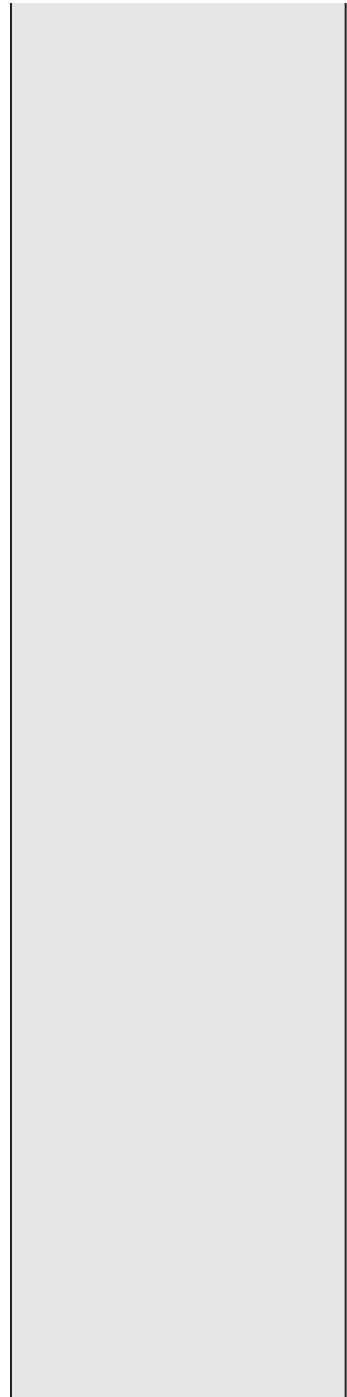


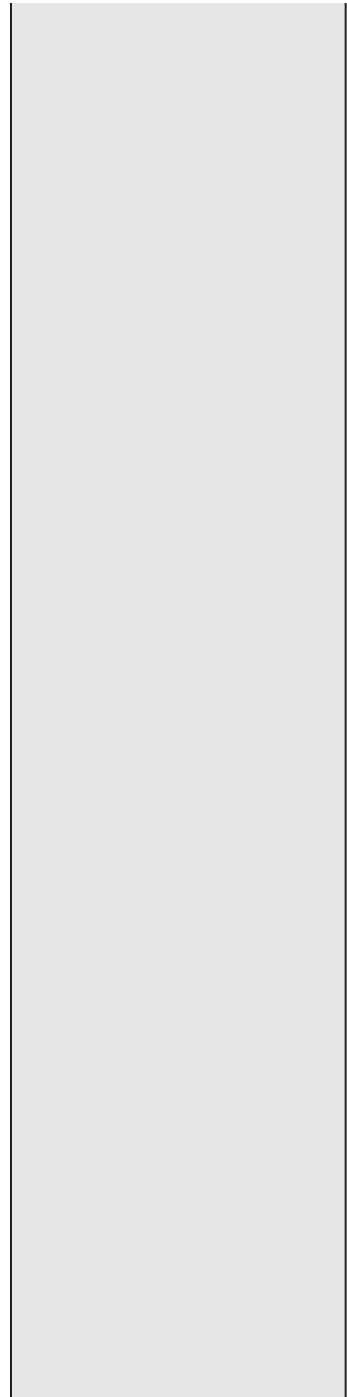


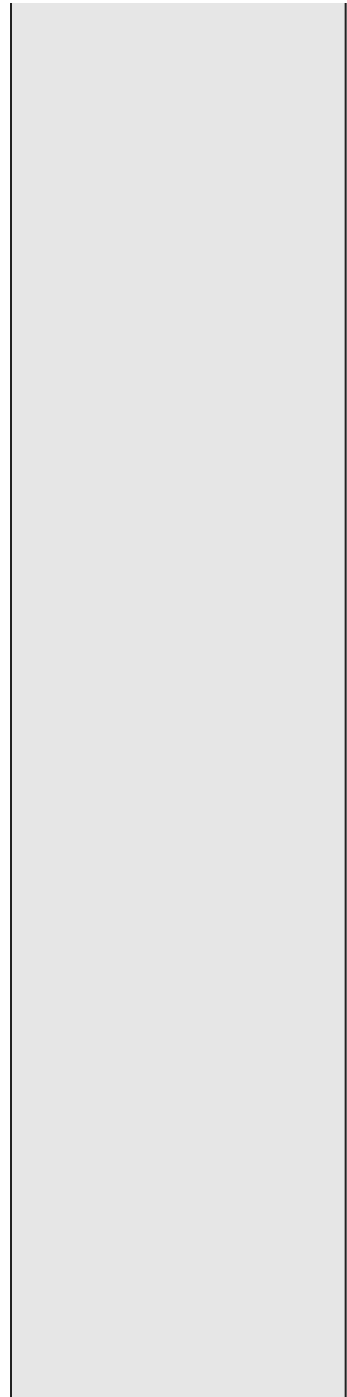


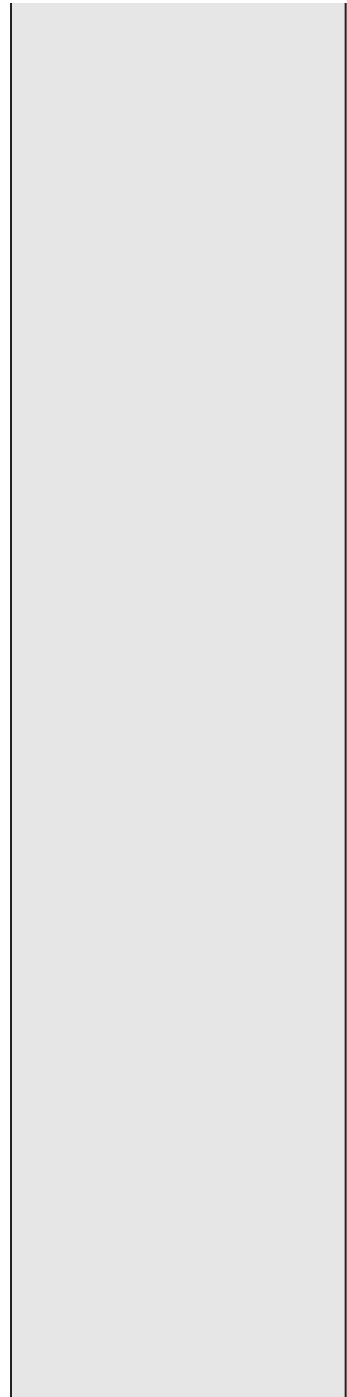


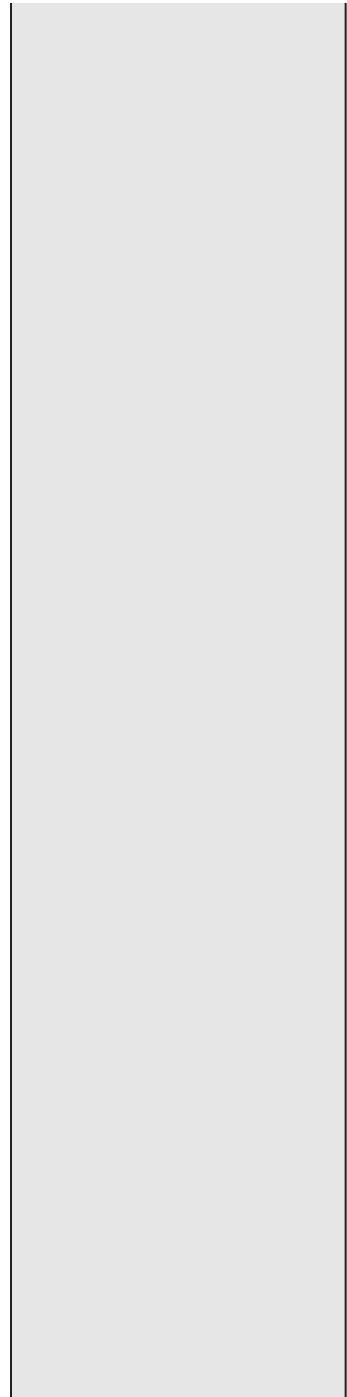


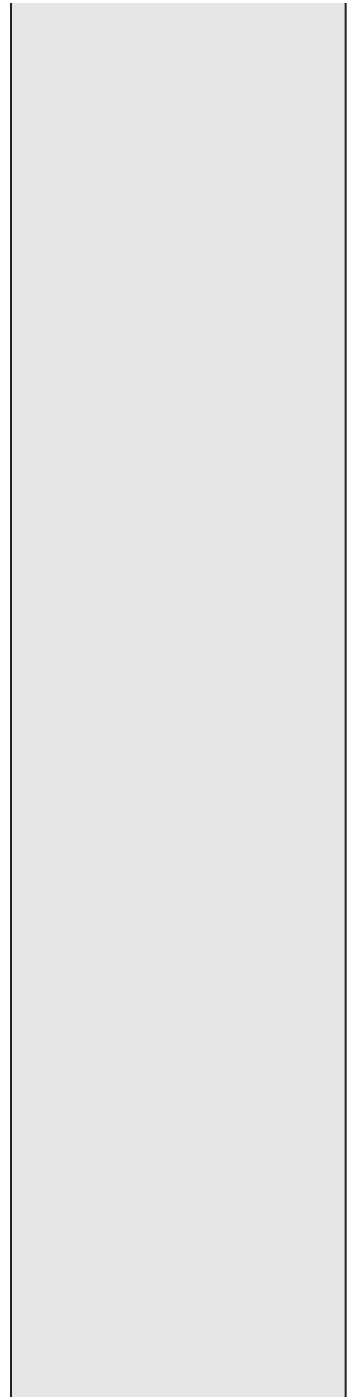


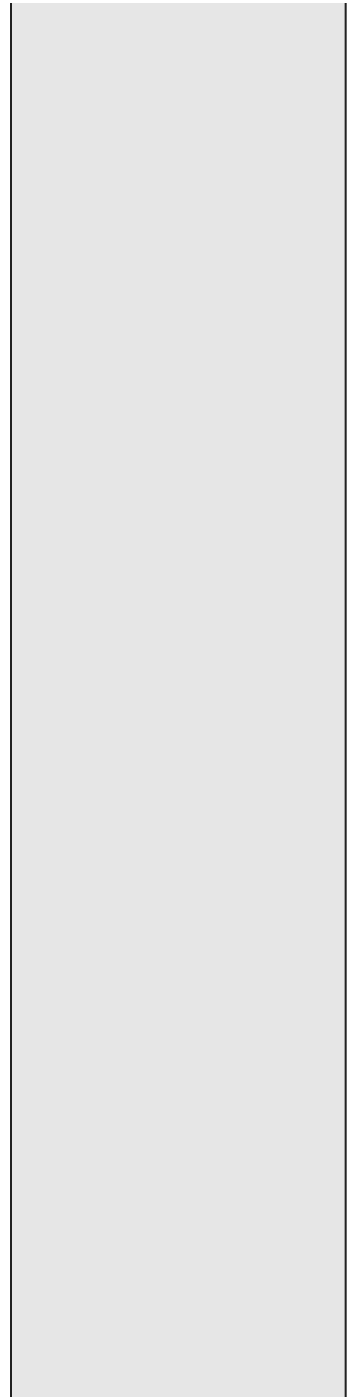


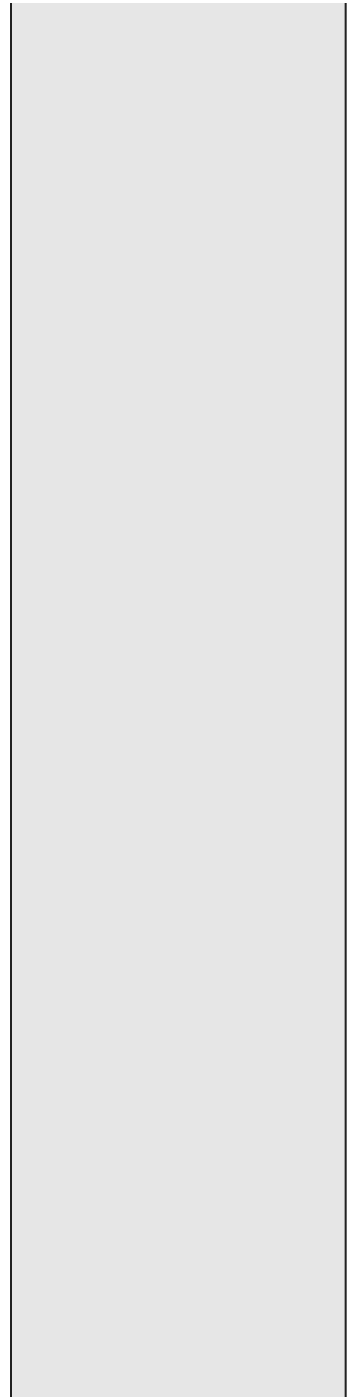


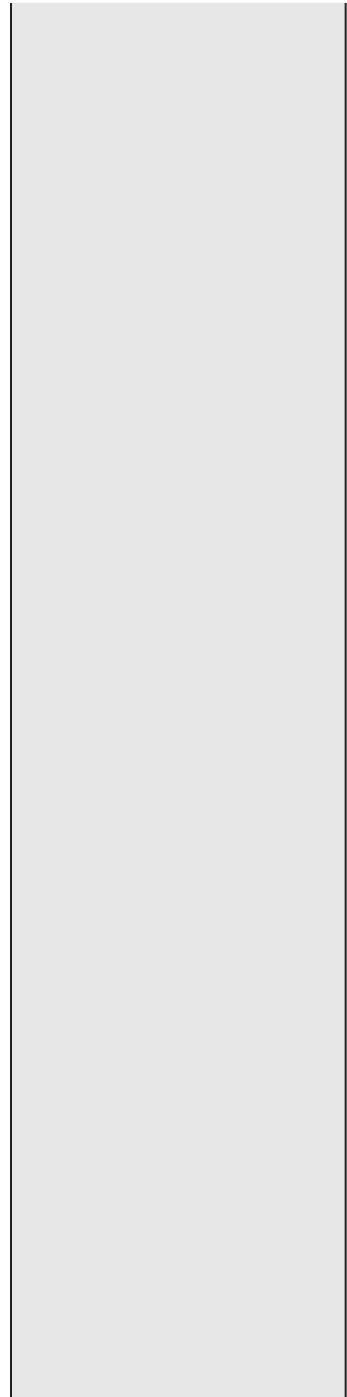


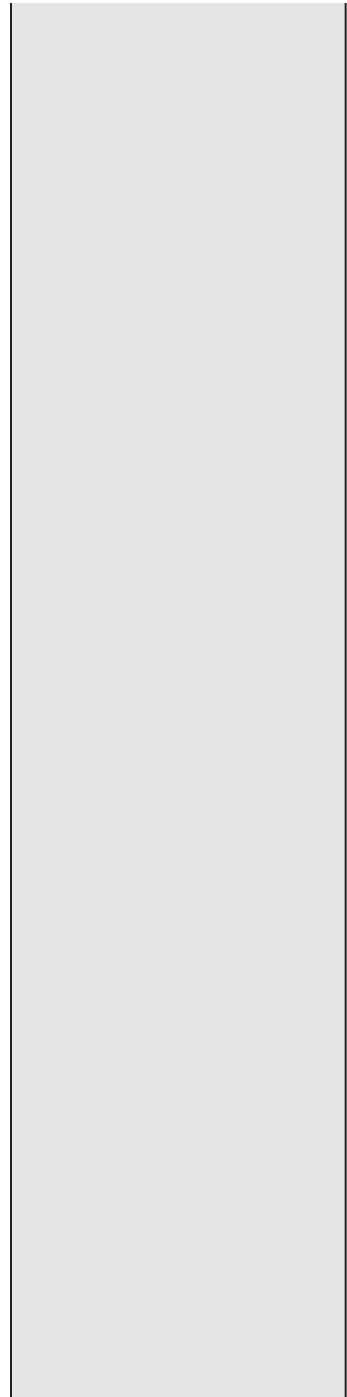


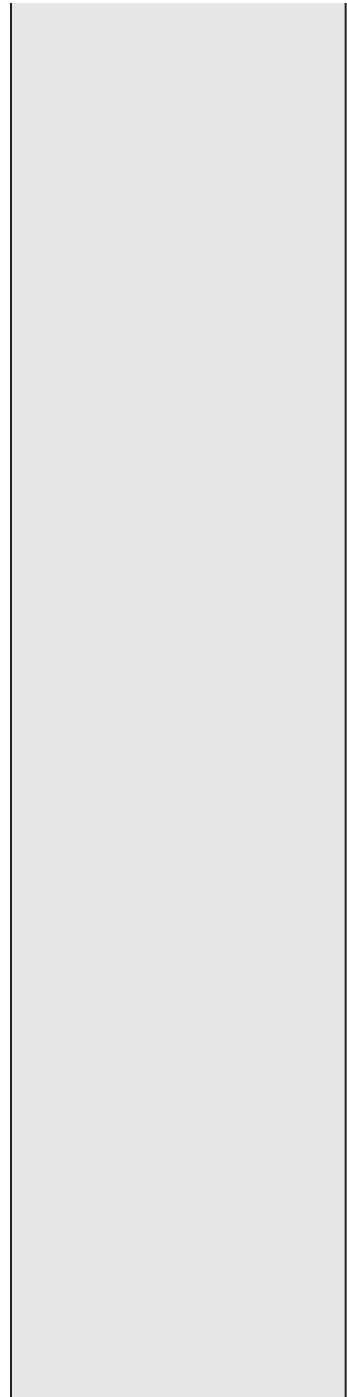


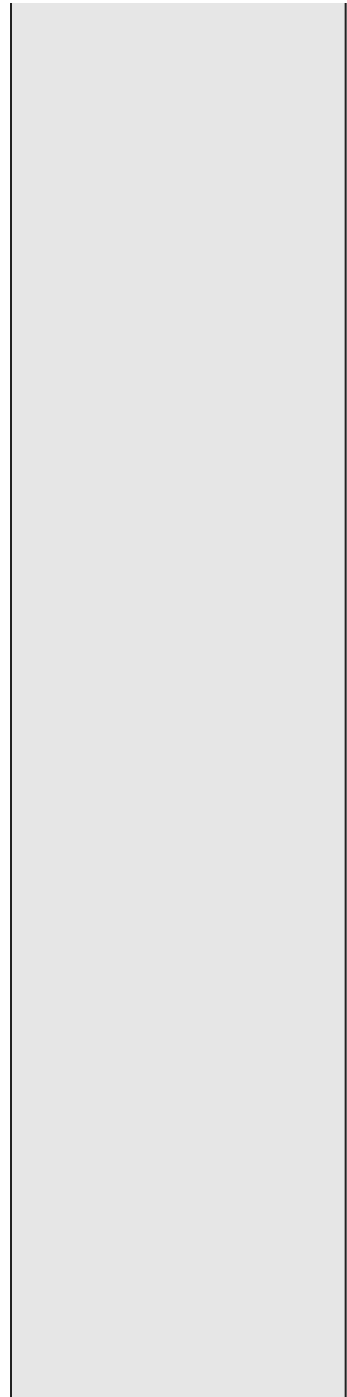


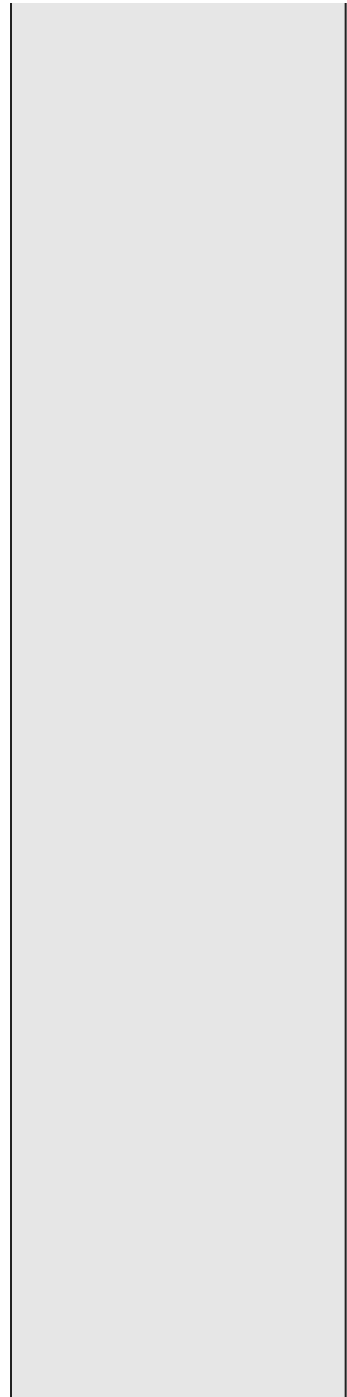


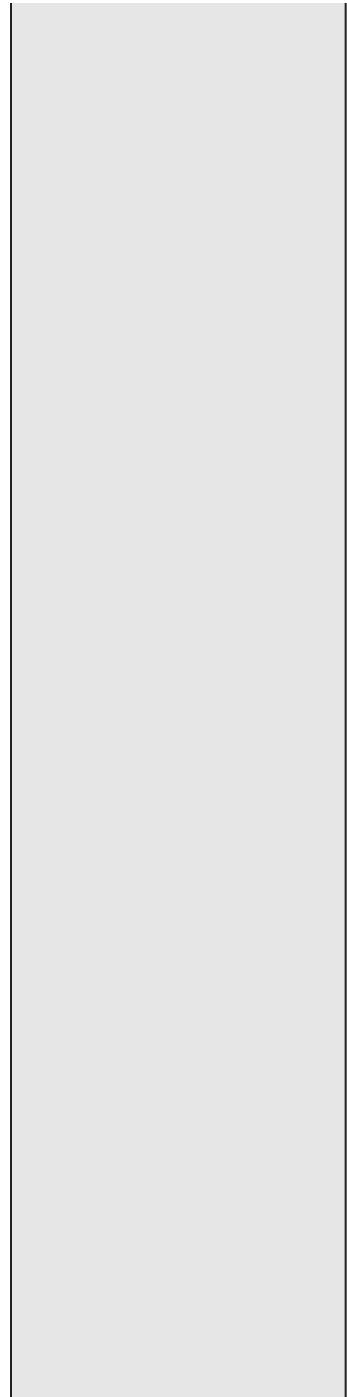


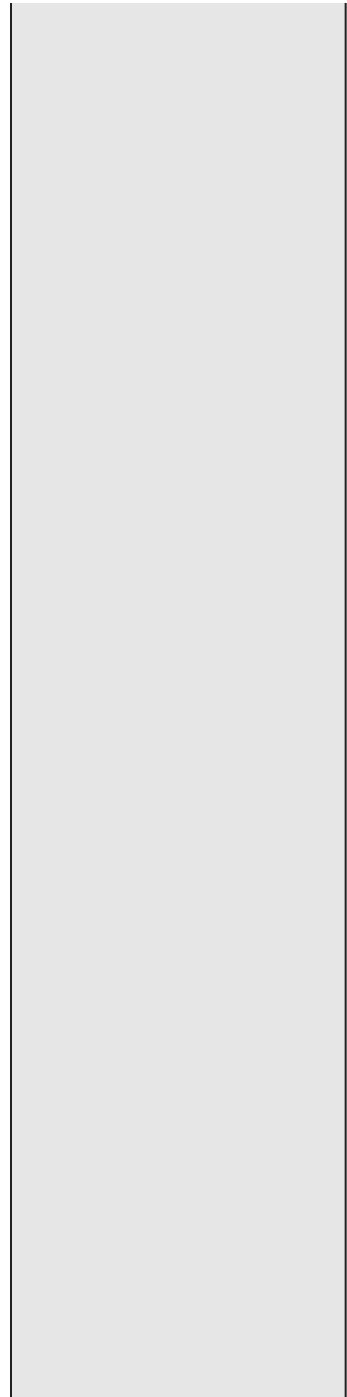


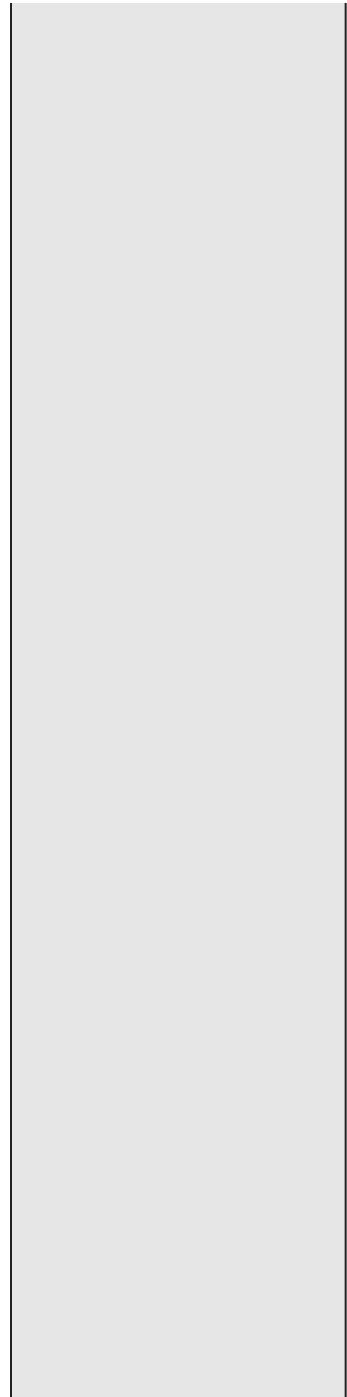


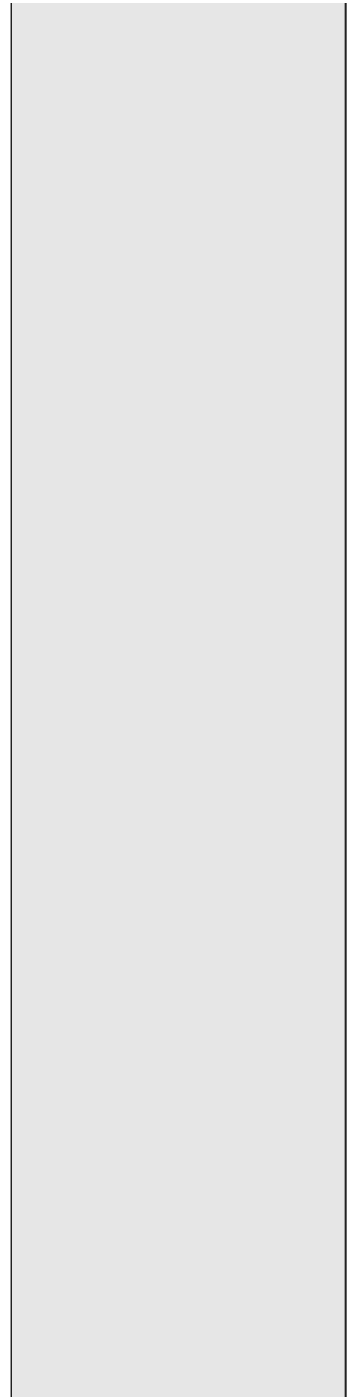


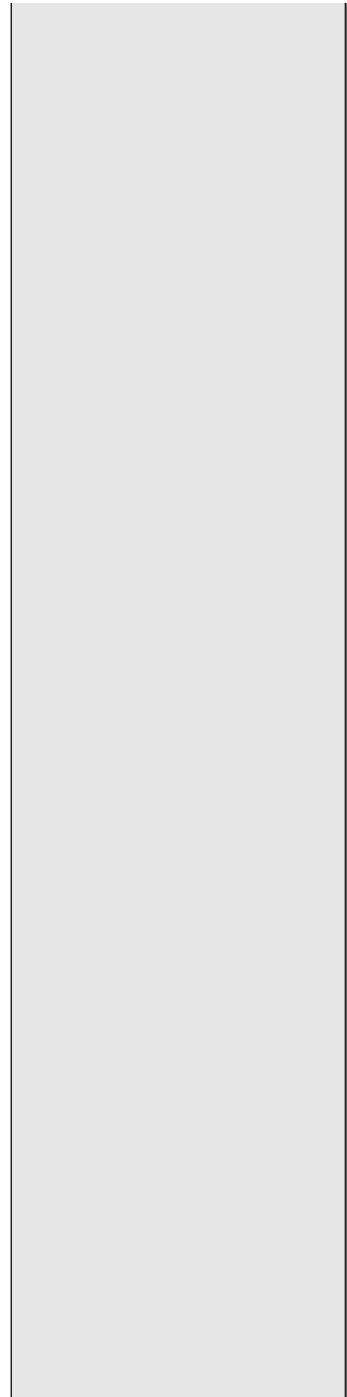


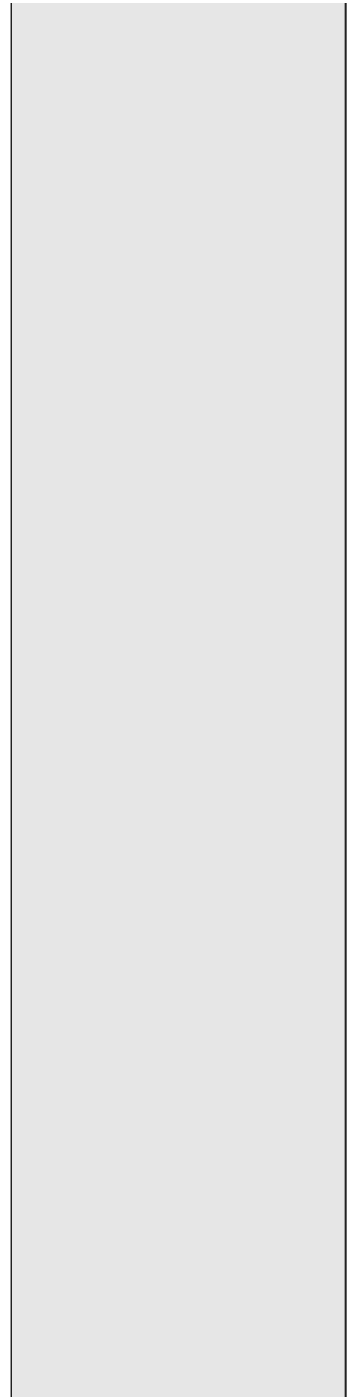


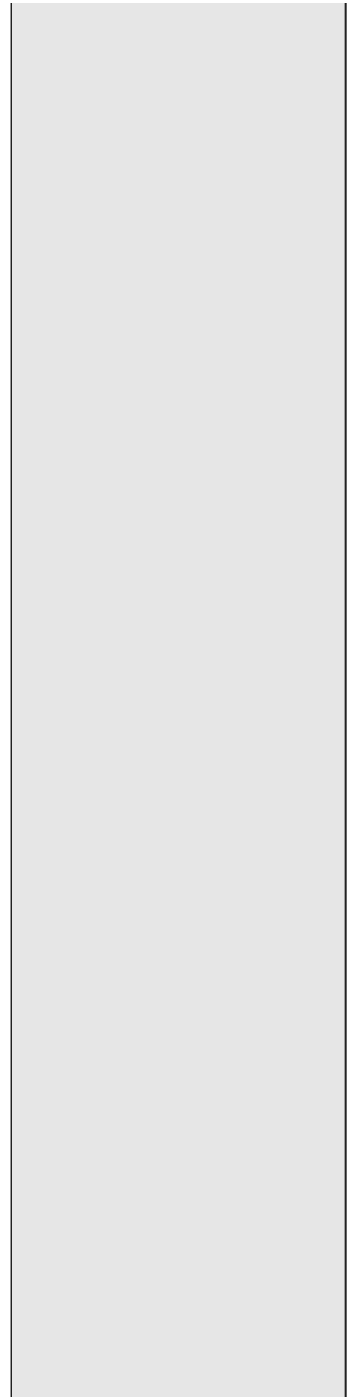


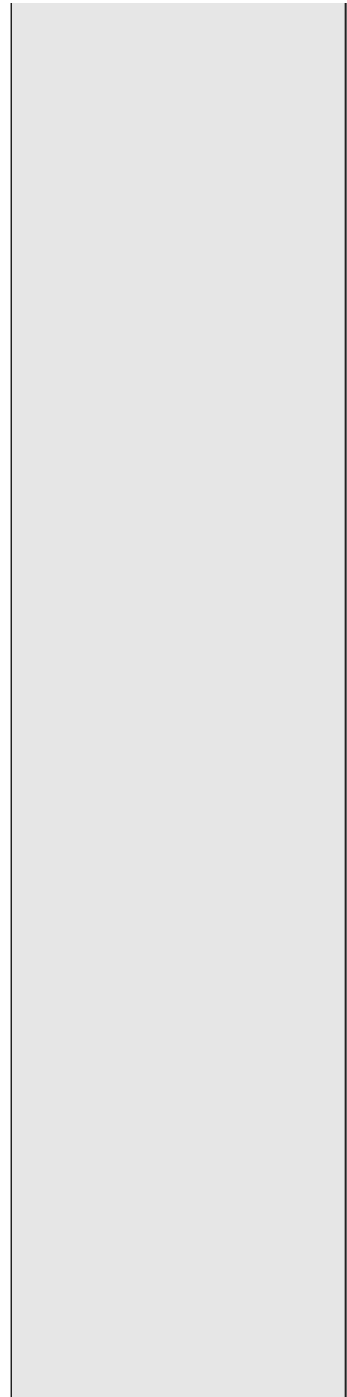


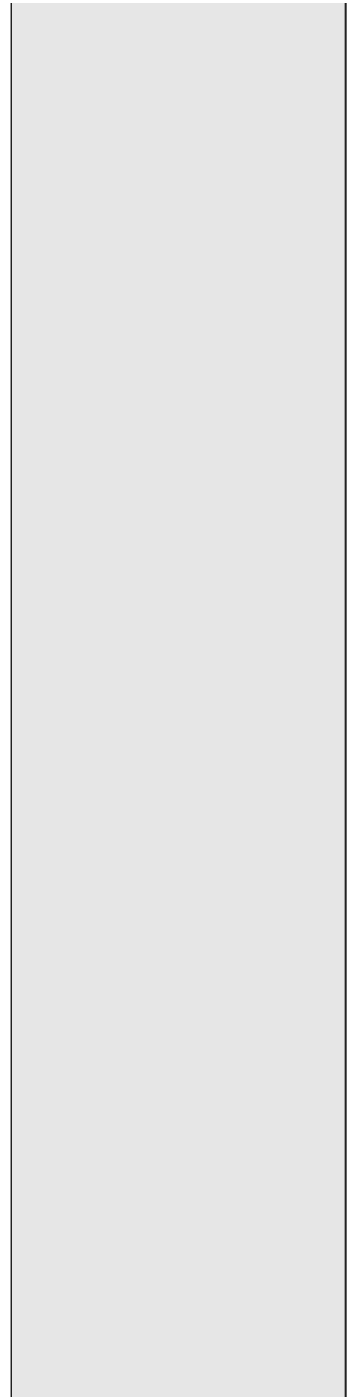


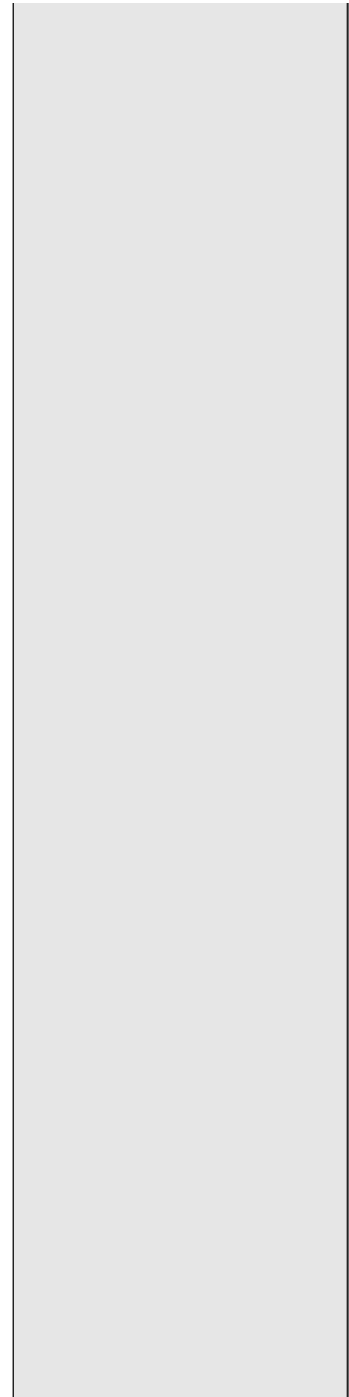


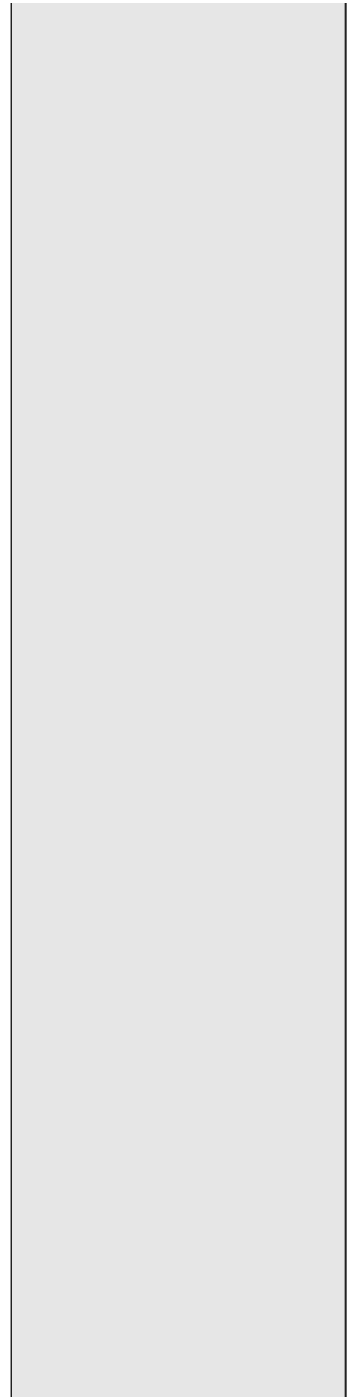


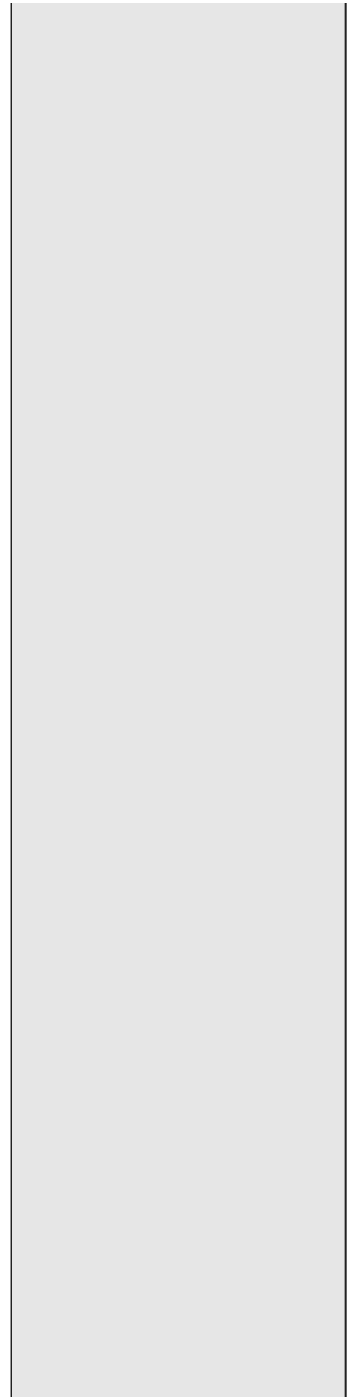


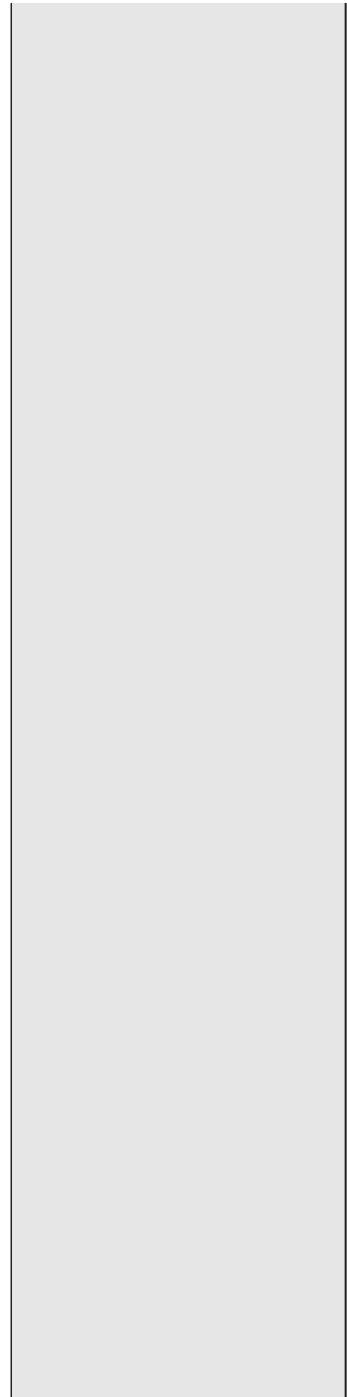


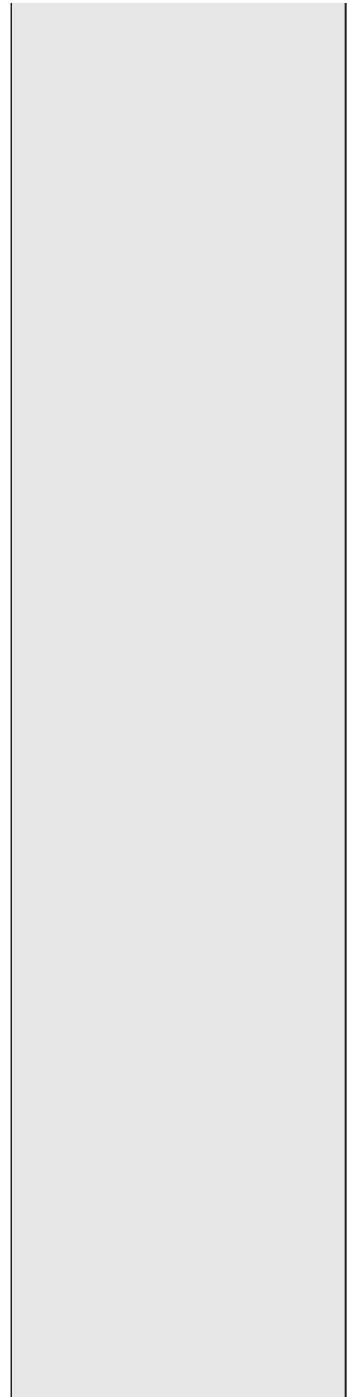


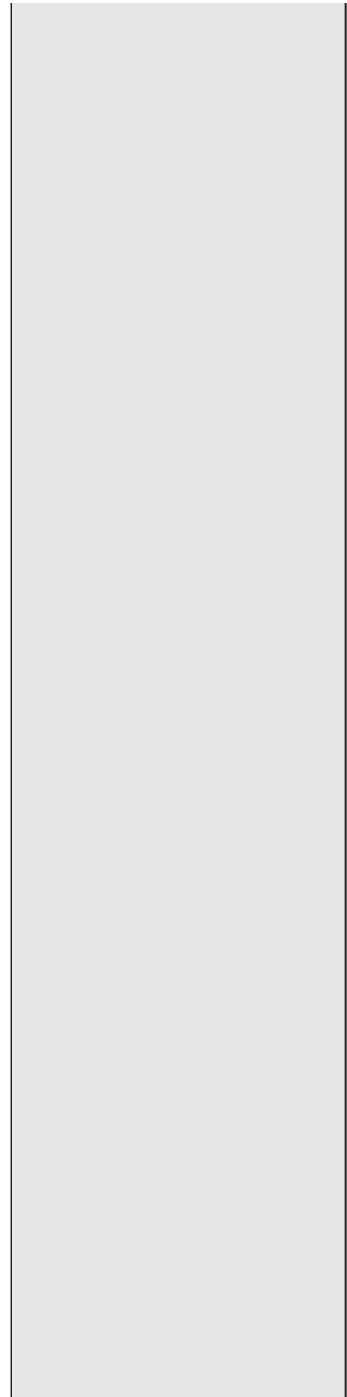


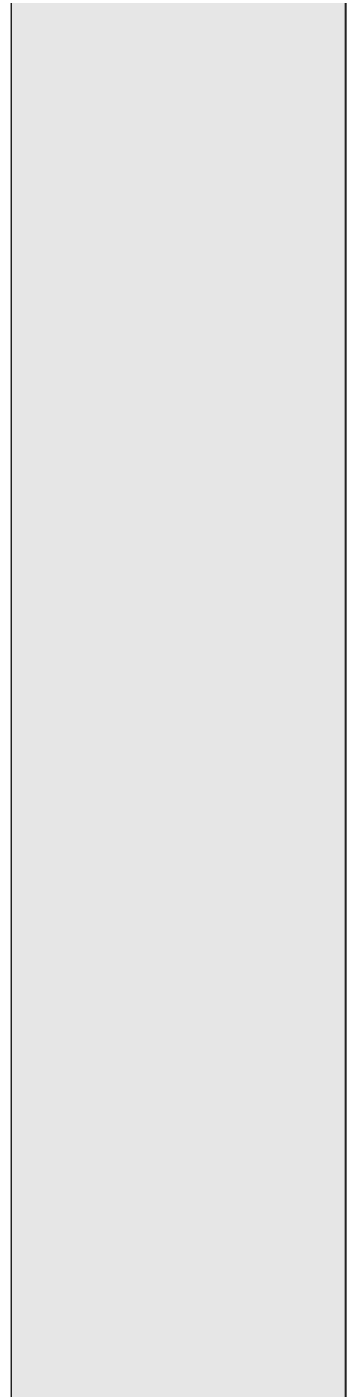


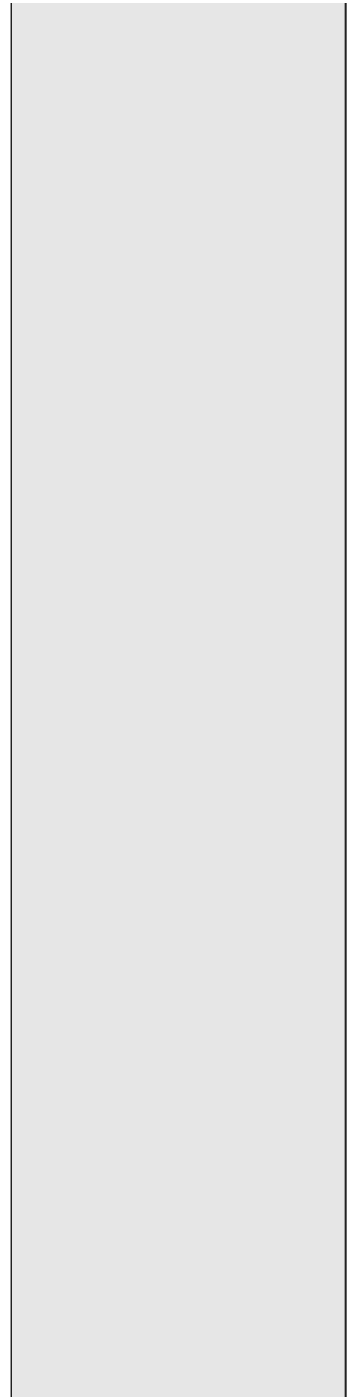


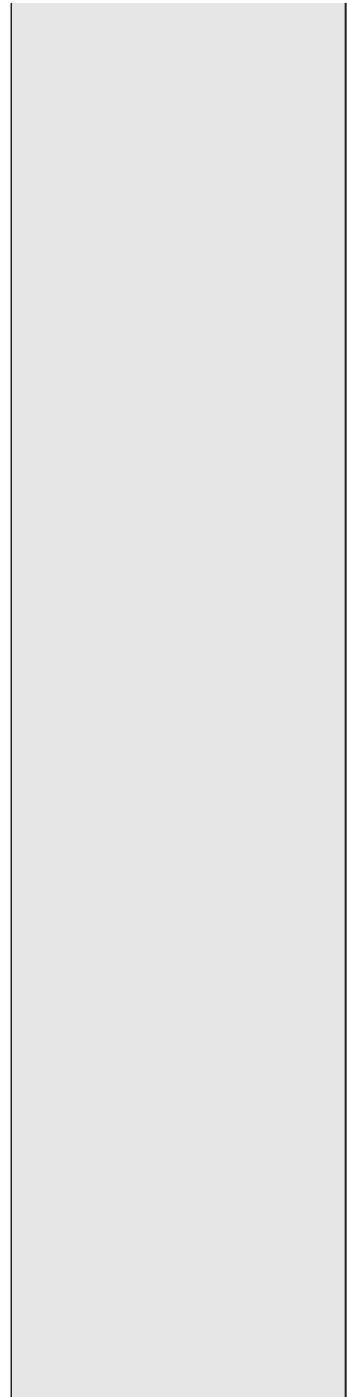


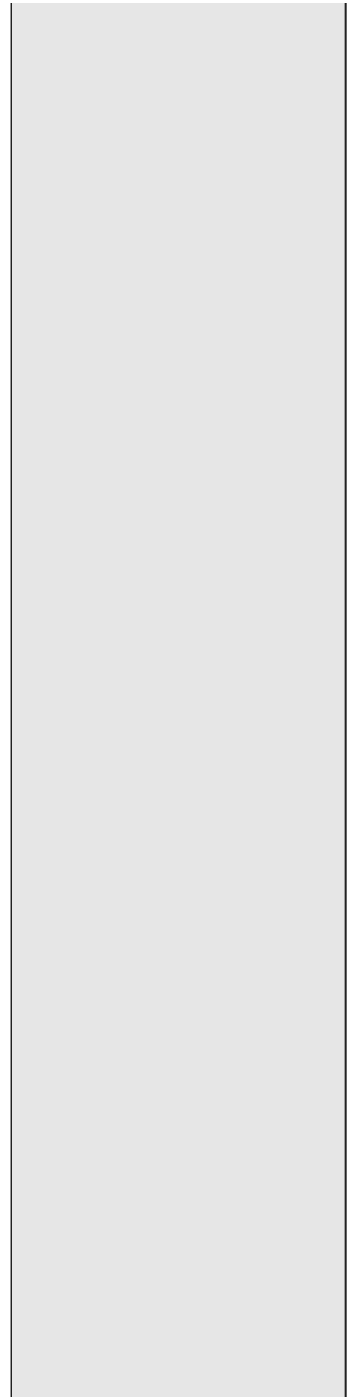


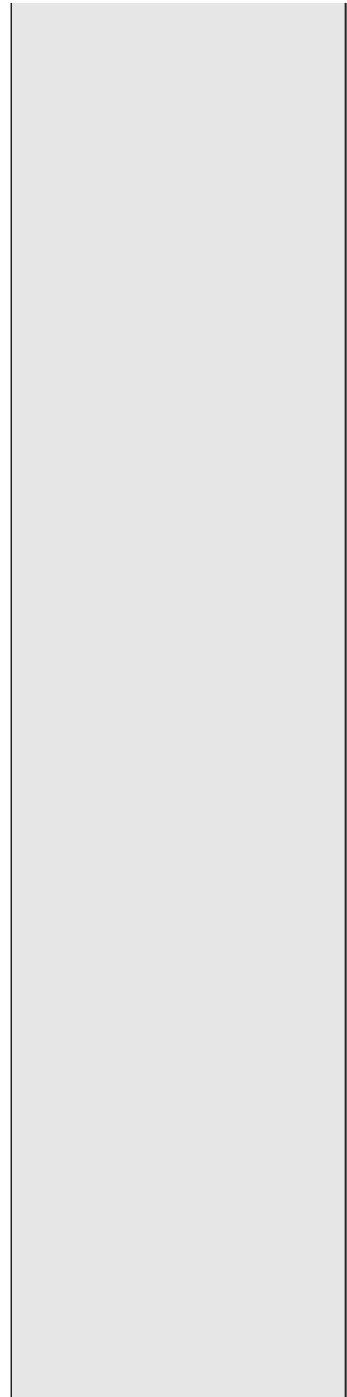


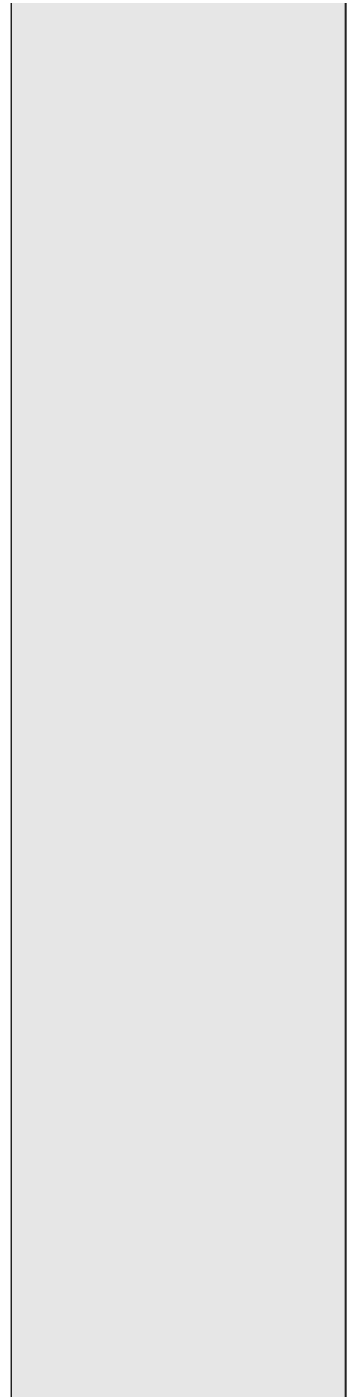


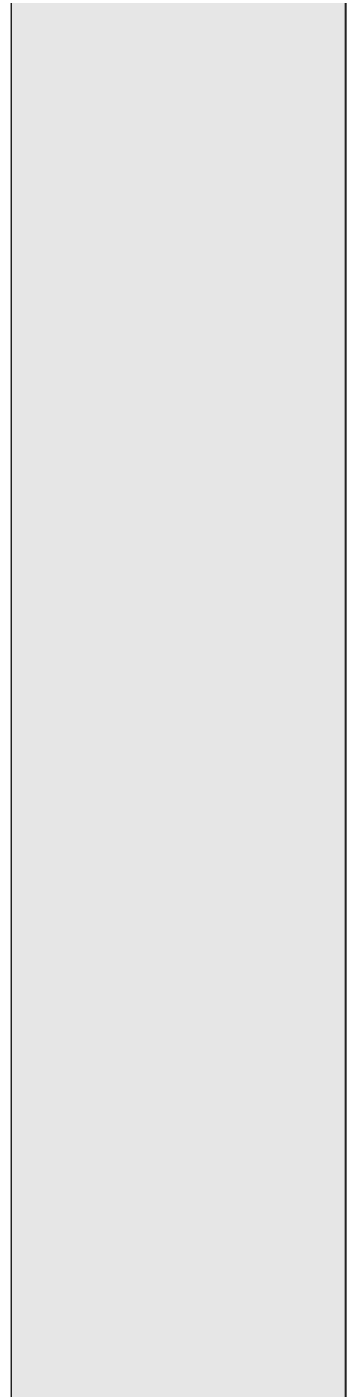


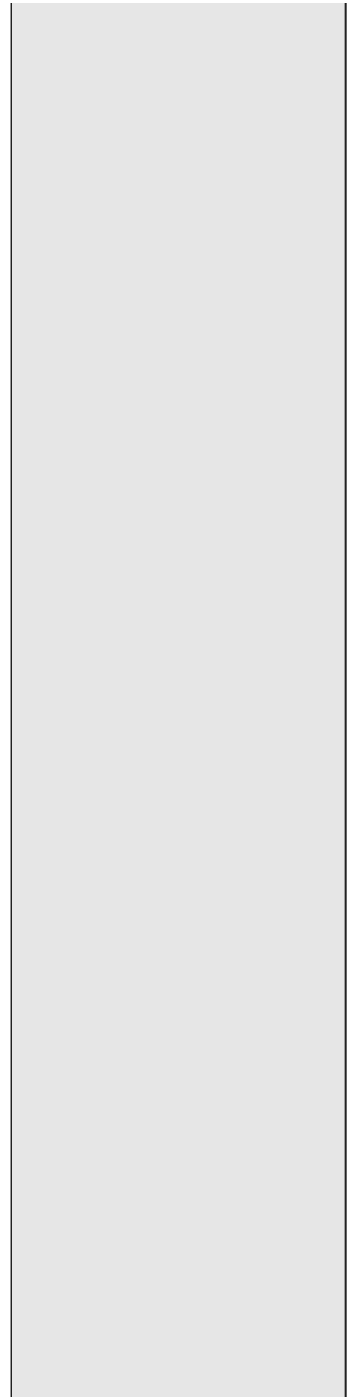


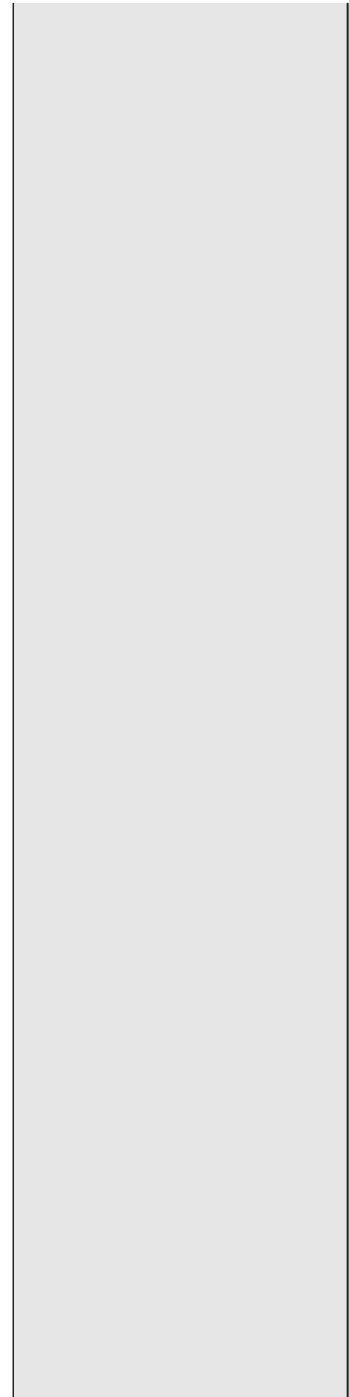


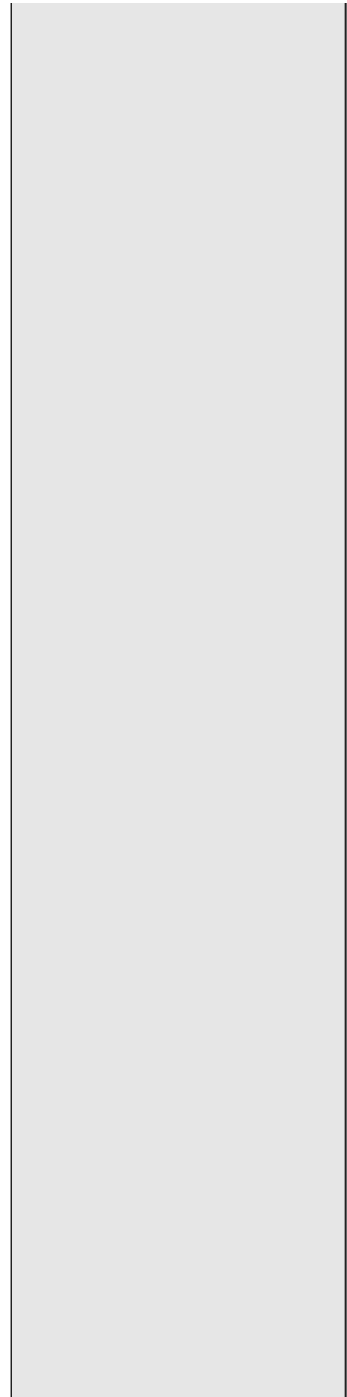


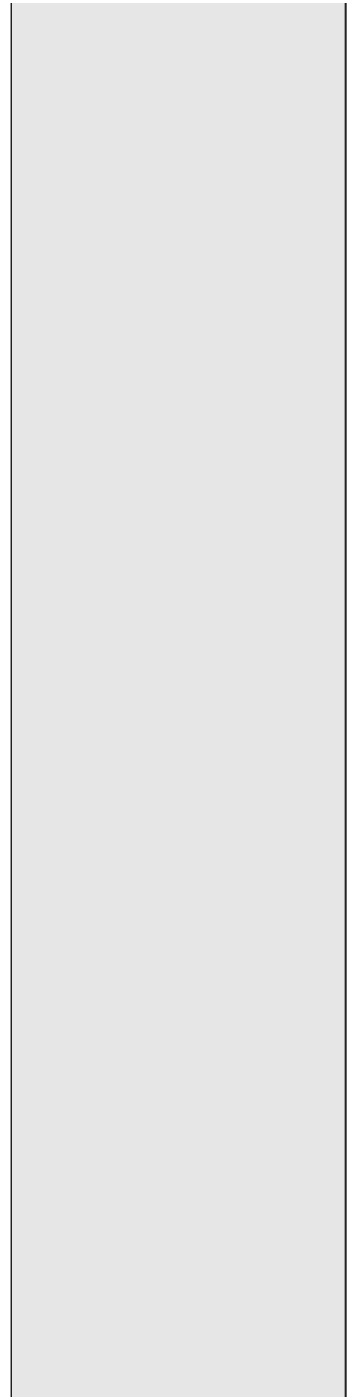


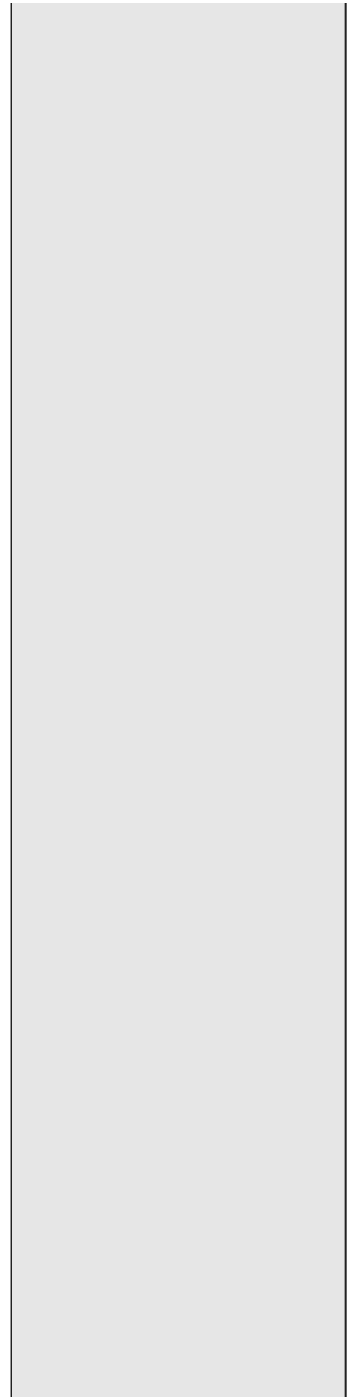


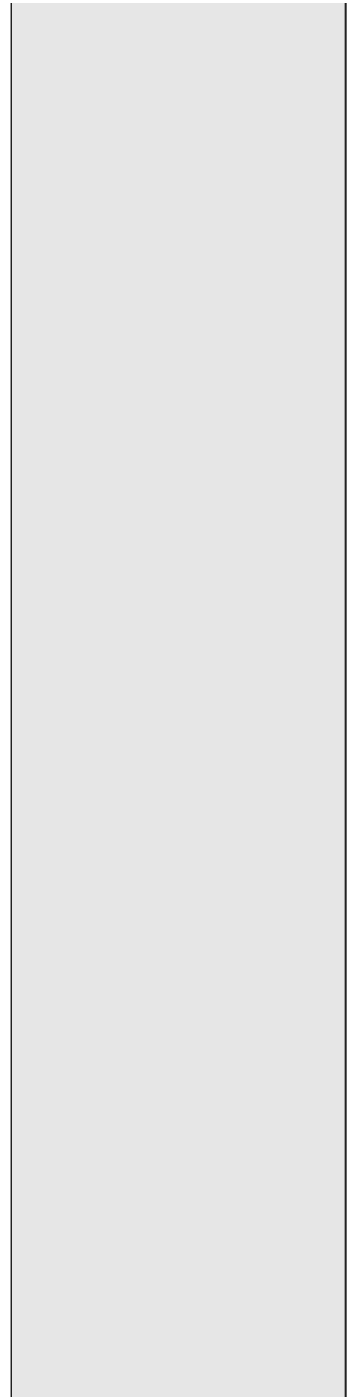


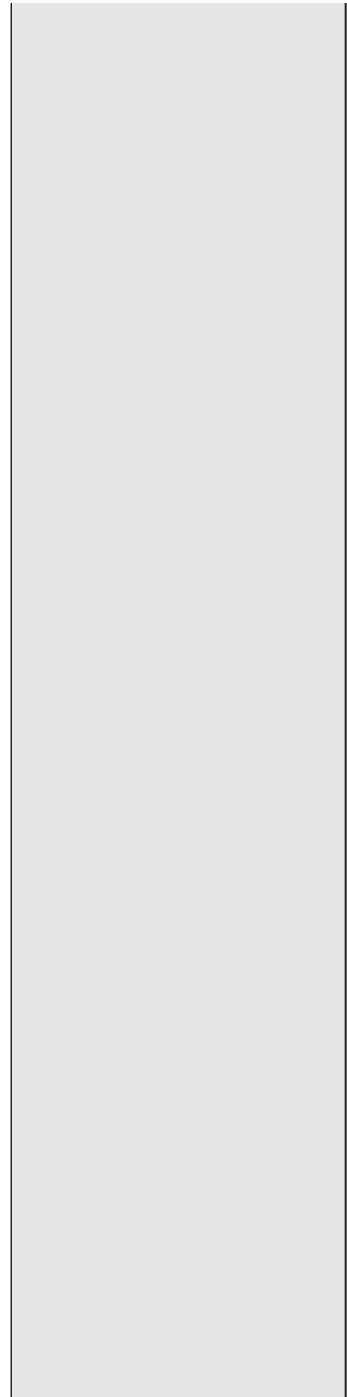


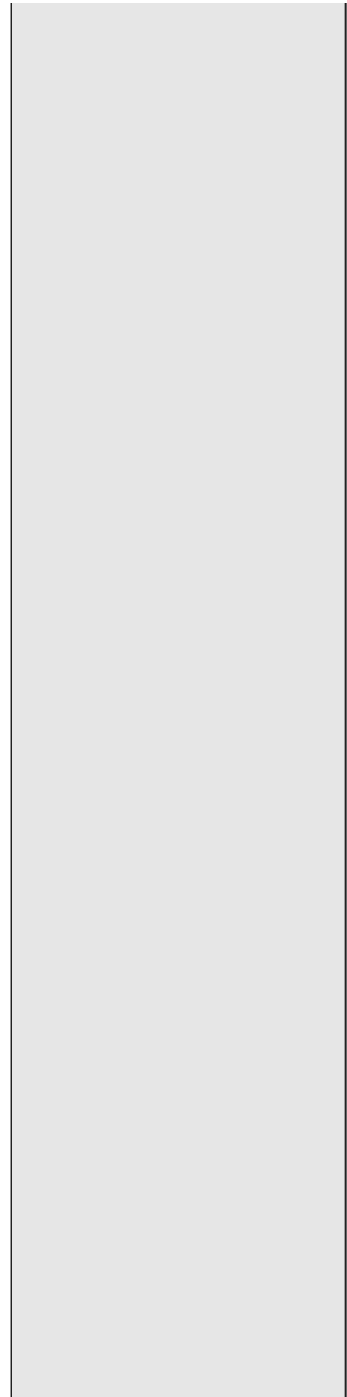


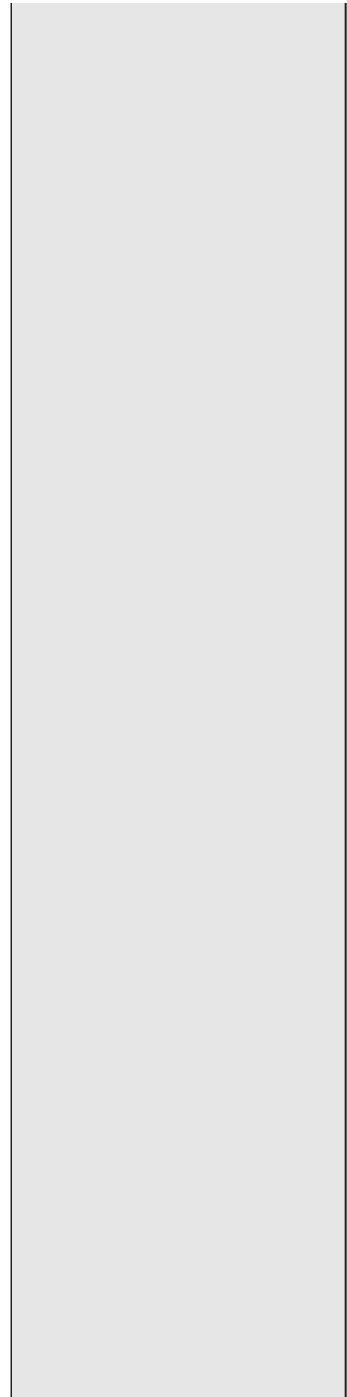


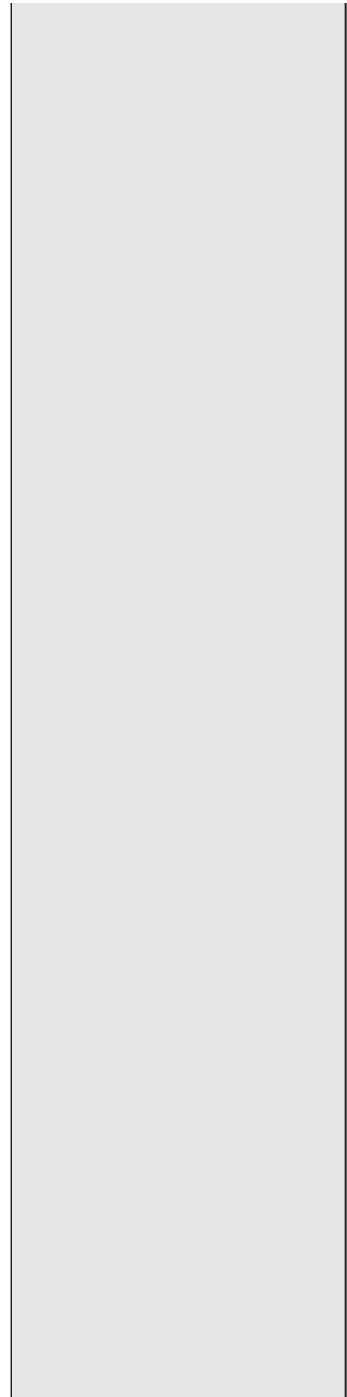


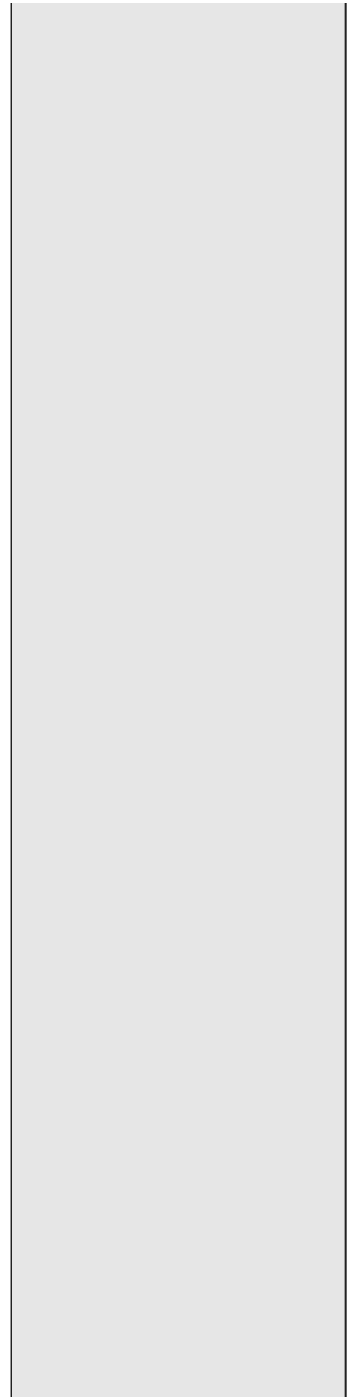


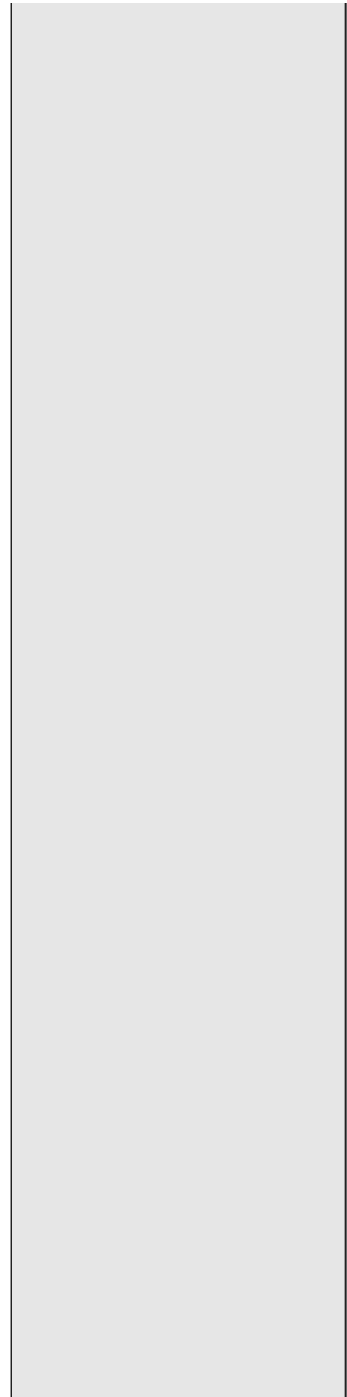


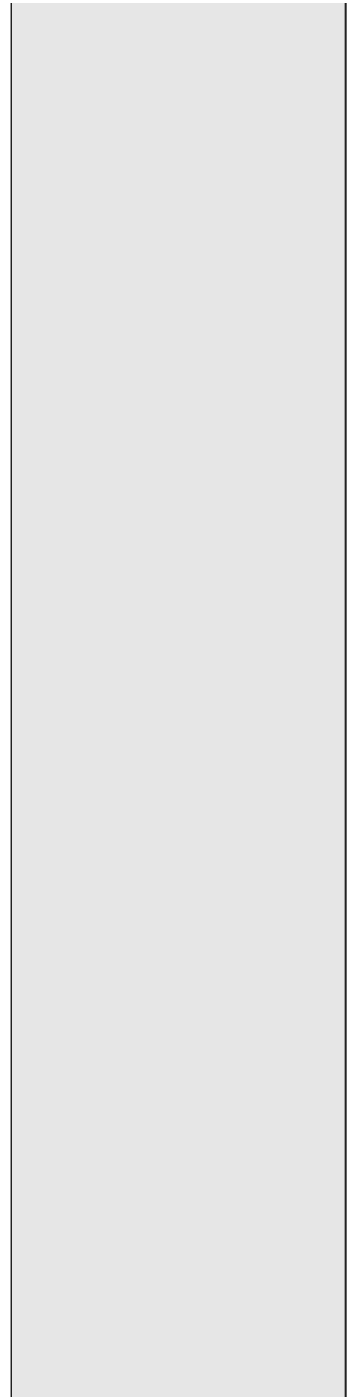


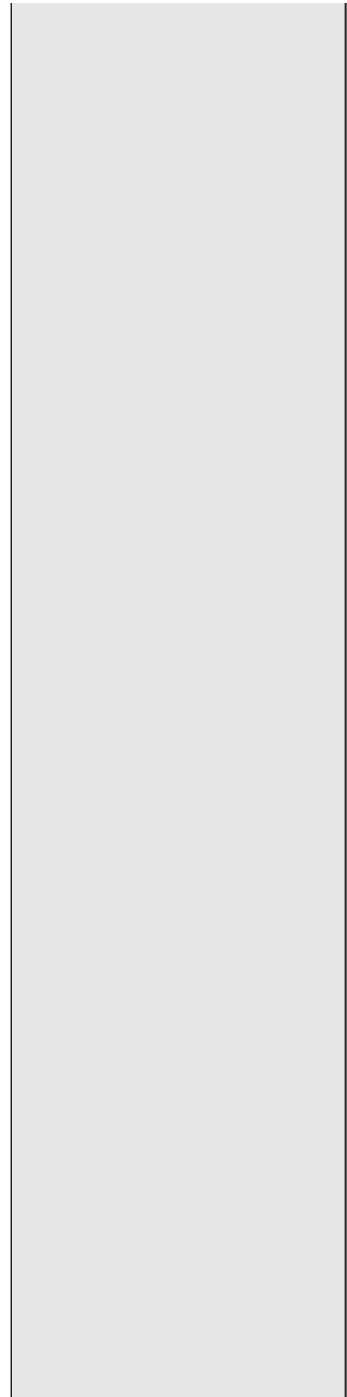


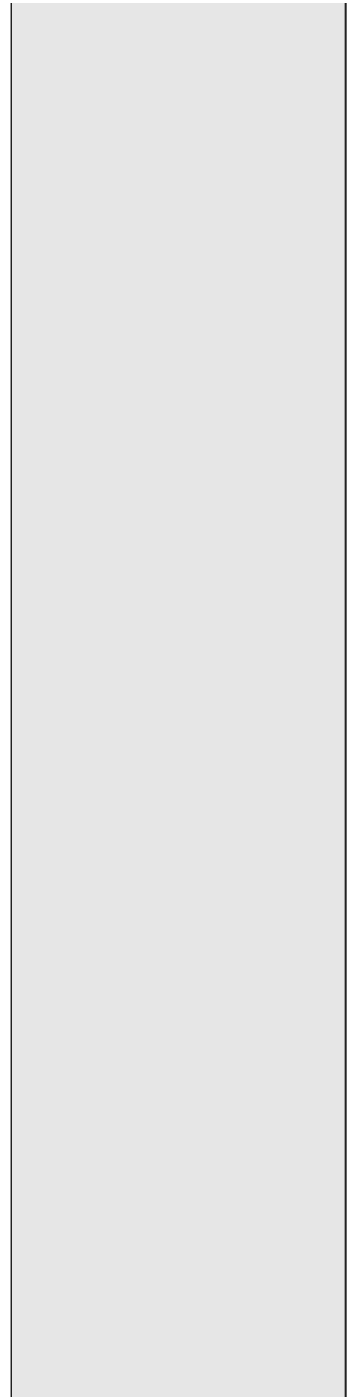


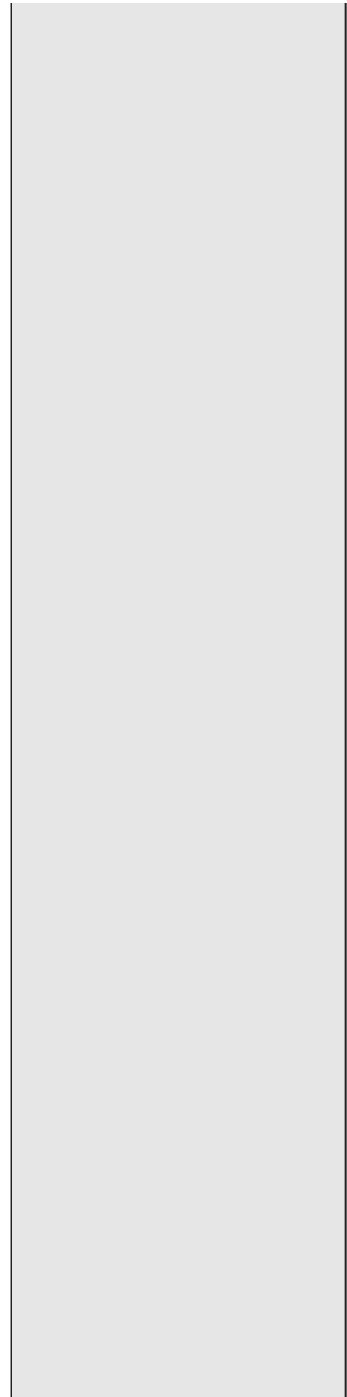


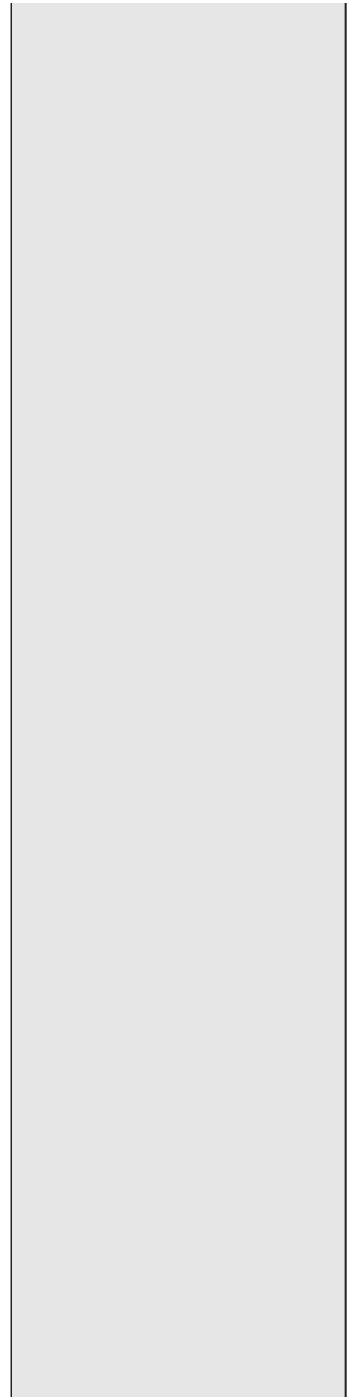


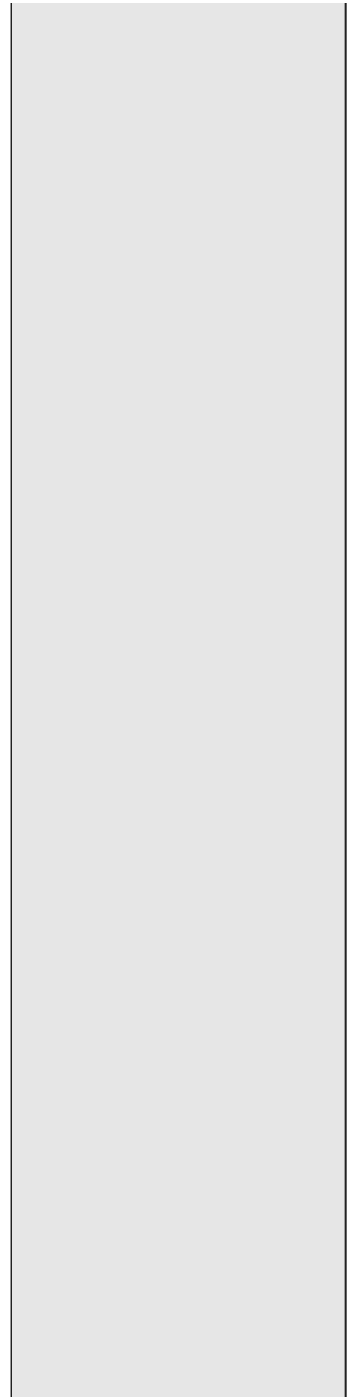


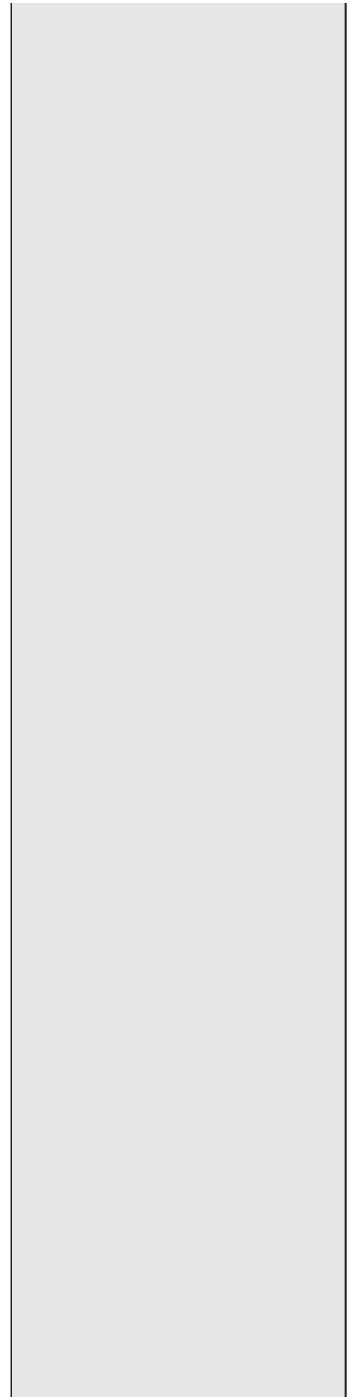


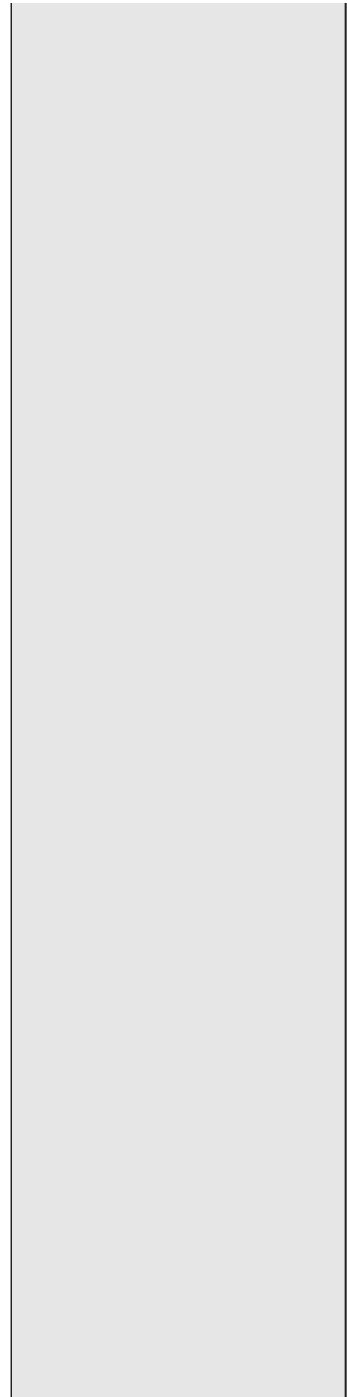


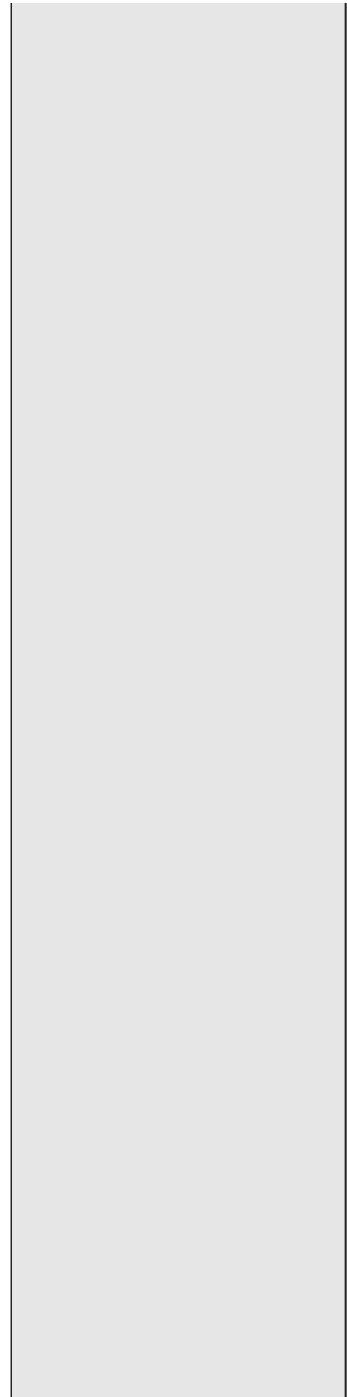


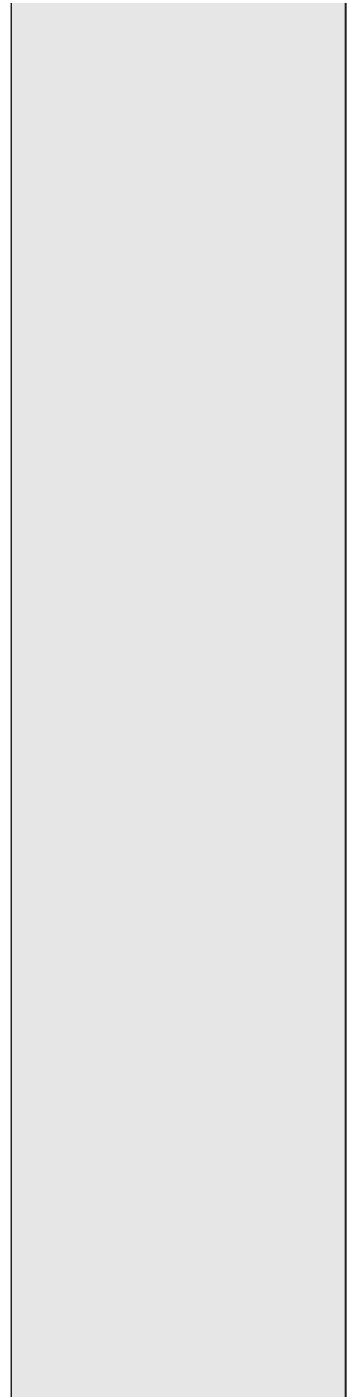








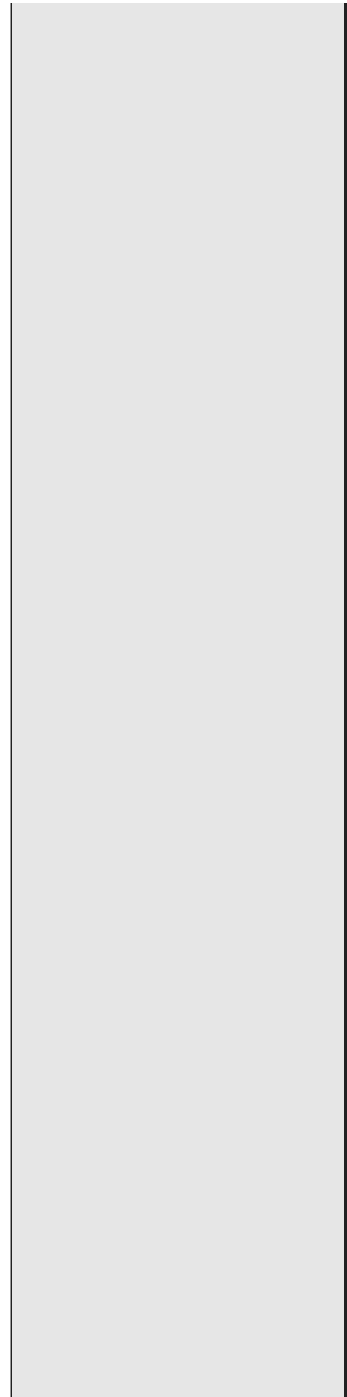


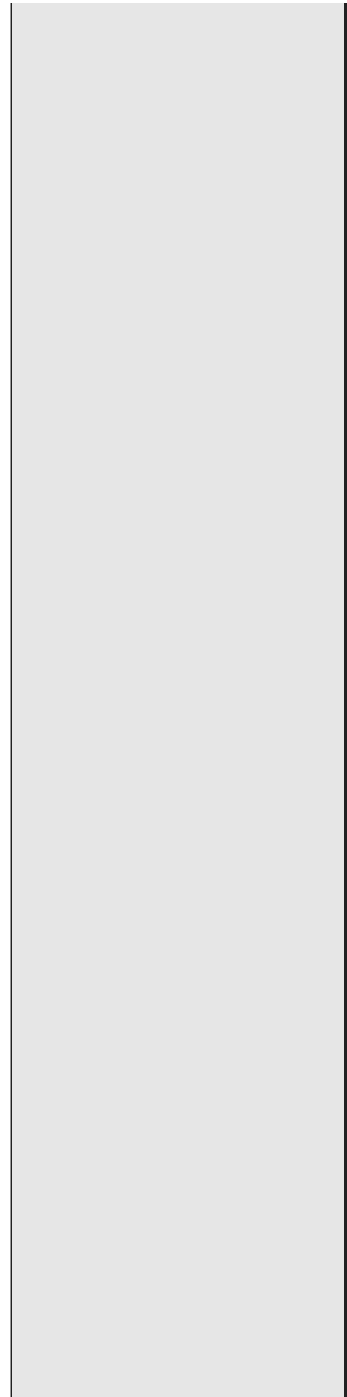


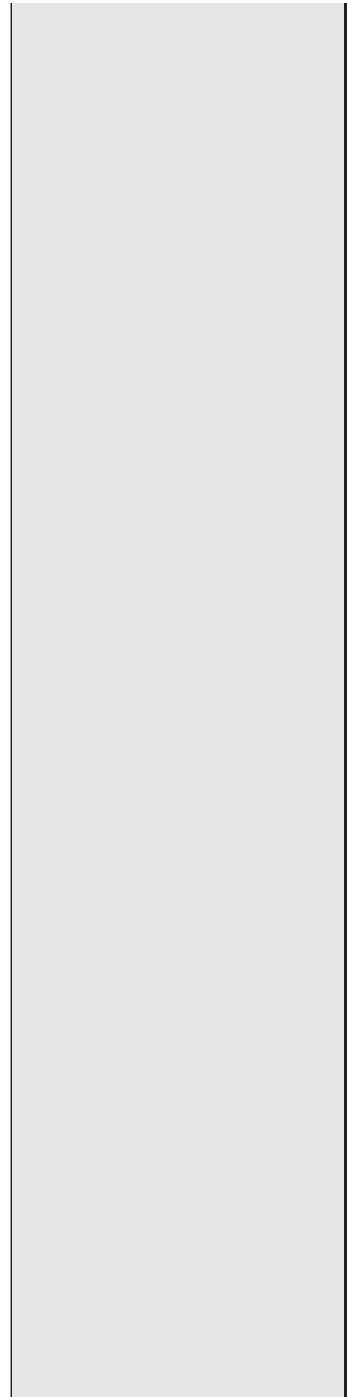
	This Diploma Qualifications are designed and delivered in such a way, after extensive interaction with the Bahrain Engineering Industry and Society and Curriculum Advisory Group (CAG) in order to provide work-ready engineering technology graduates. The graduates will acquire technical knowledge in their respective fields, specialized practical skills, and valuable employability skills that will allow them to provide the drive for the transformation towards a knowledge-based economy in Bahrain.

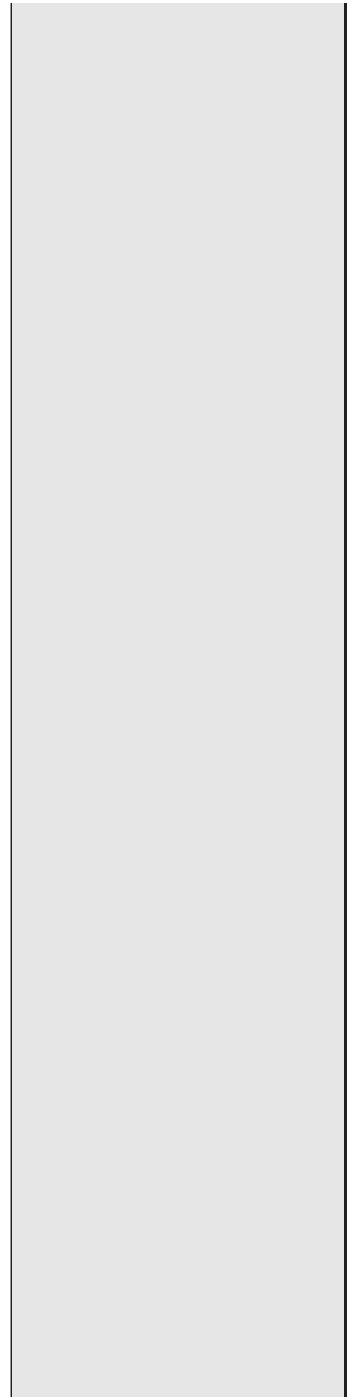
Programme Overview *	All Diploma Qualifications are delivered over a 2-year period consisting of 4 semesters. Students are expected to take 60 credits on average per semester and thus at the completion of their studies they should have accumulated a total of 240 credits. In those 240 credits, 15 credits of National Requirements courses, 30 credits of English courses and the remaining 195 credits are taken from Core and Specialized Engineering Courses. Additionally, the students are required to complete work placement days as per requirements. All Qualifications share a common 1st Year with courses that lay the foundations of Engineering Technology and provide the students with the required knowledge to succeed in their chosen specialization. The uniqueness of the Diploma qualifications at Bahrain Polytechnic is the strong commitment of the Institution to deliver these qualifications using student-centered learning and more specifically, the Problem-Based Learning (PBL) Methodology. Using this learning methodology, allows us to provide the required theoretical knowledge, practical skills and employability skills to our graduates and thus achieve our mission of producing enterprising and work-ready graduates for the Bahrain Society and Economy. The PBL methodology is implemented through the design of appropriate assignments that motivate the students to provide a solution to an Engineering design and/or analysis problem. Students are required to complete lab experiments, software practical assignments, design projects, controlled assignments such as theory tests and to provide rational justification for their work through the preparation of technical reports, presentations and posters. The theoretical knowledge given to the students is provided through a balanced combination of lectures, tutorials, experimental work, project work and one-to-one supervision with Faculty members.
Entry and Selection *	General entry requirements such as secondary school achievements, English and Mathematics are described in the Student Admission Policy A/AB/010. Specific entry requirements for this Programme, beyond those described in the Student Admission Policy are as follows: Academic Successful completion of • AP4203 English 2 • AP4102 Mathematics 2 (Technical) or Passing English and Mathematics selection tests at the required level or equivalent.
	Where there are more applicants who meet the programme entry criteria than can be accepted, the following shall be used: Selection Criteria • Successful completion of the Foundation Program at Bahrain Polytechnic and demonstration of a commitment to study. • Results from programme entry tests.

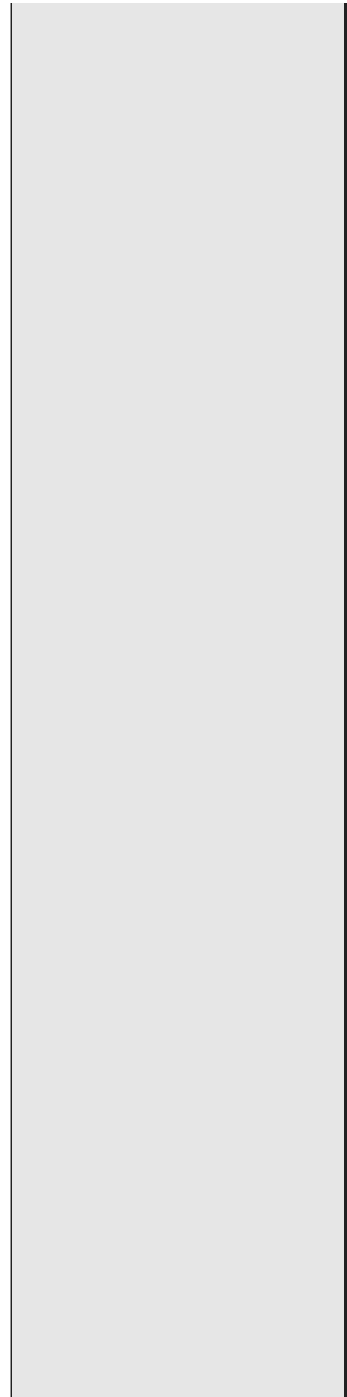
Selection and Criteria and Process *	• Work experience and prior educational achievement. Selection Process • Applicants may be required to attend an interview.
	N.A

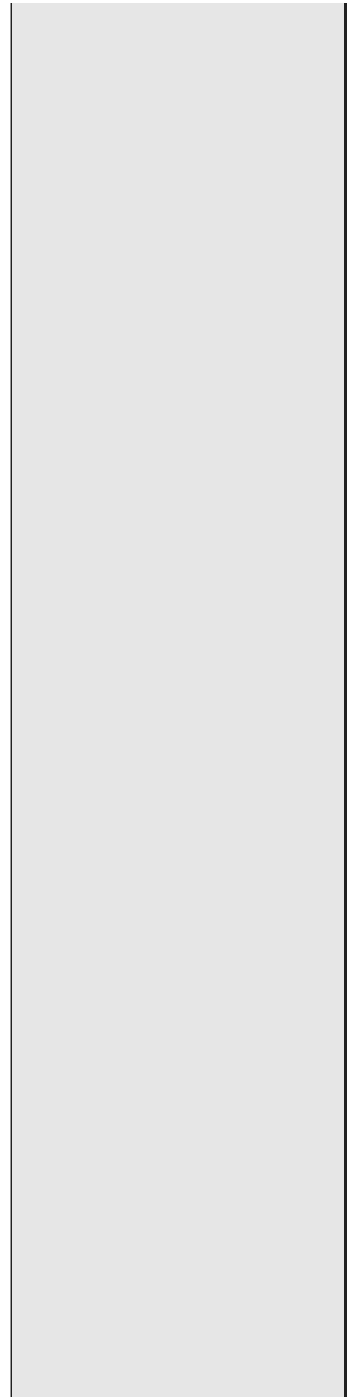


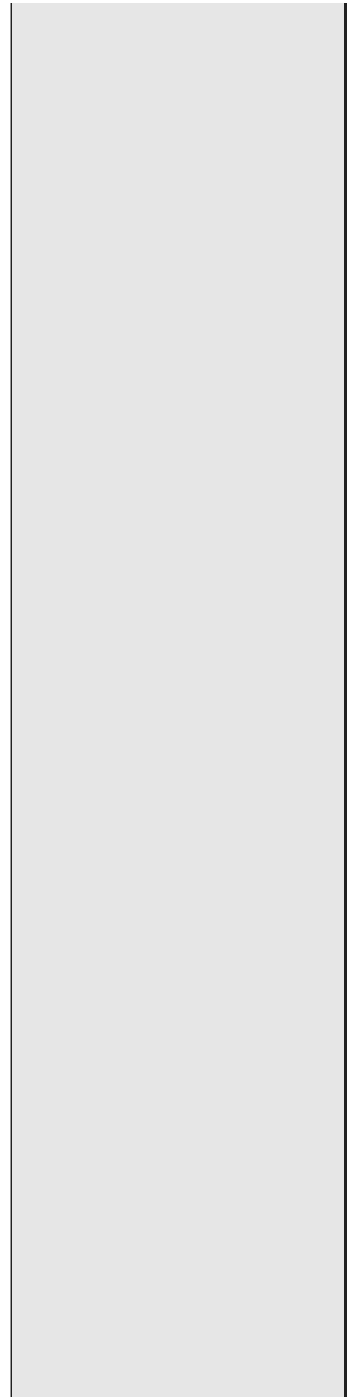


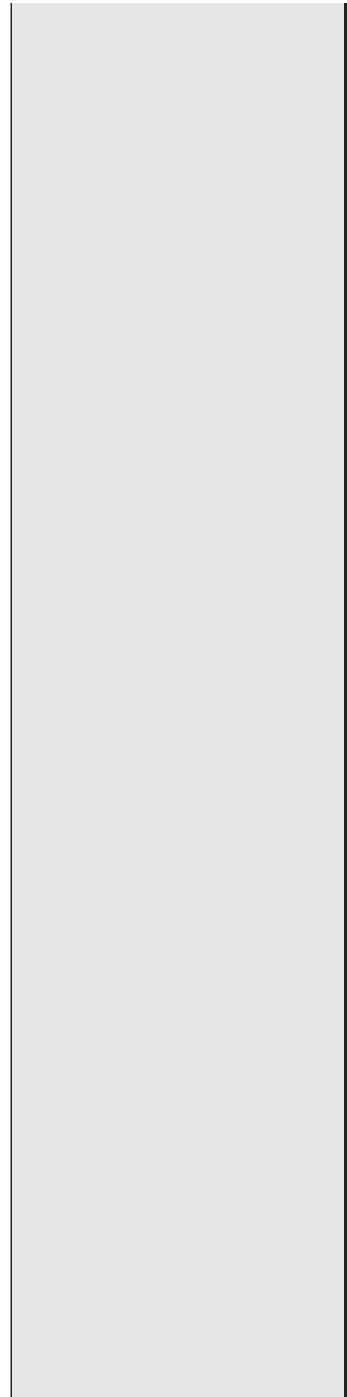


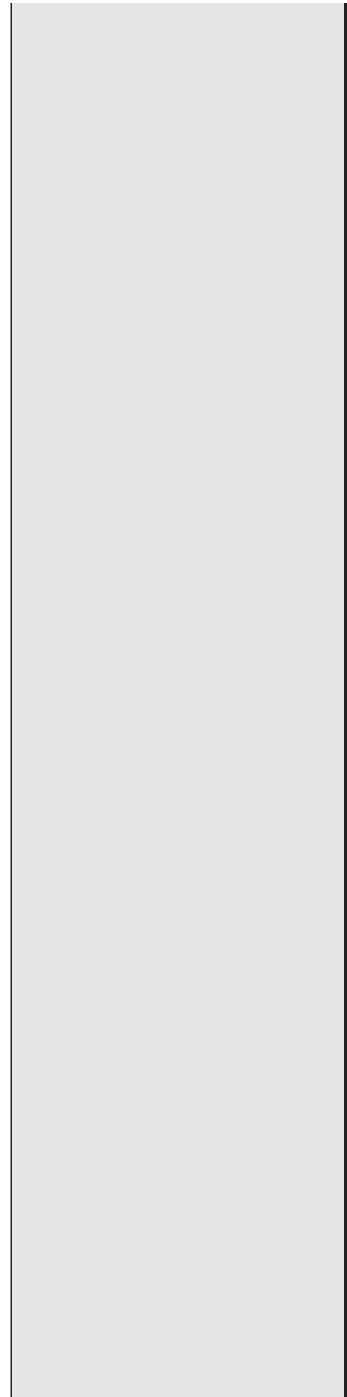


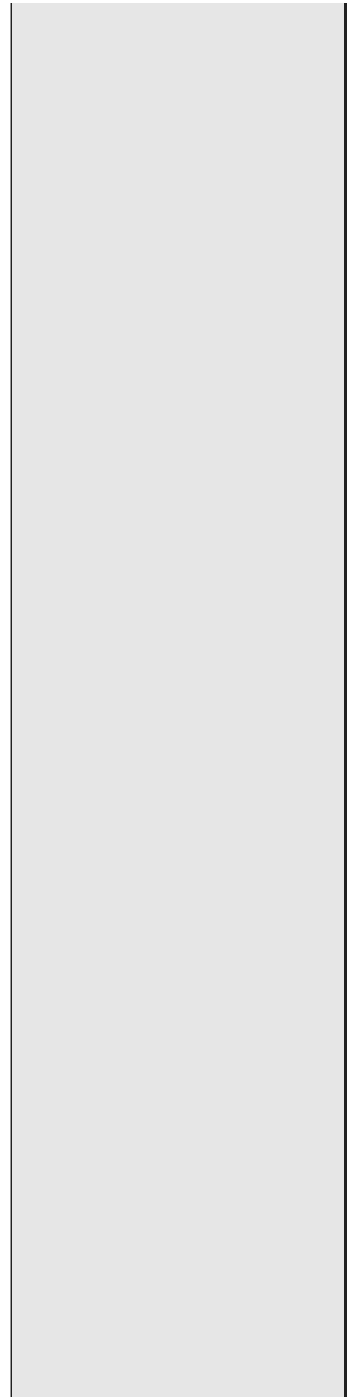


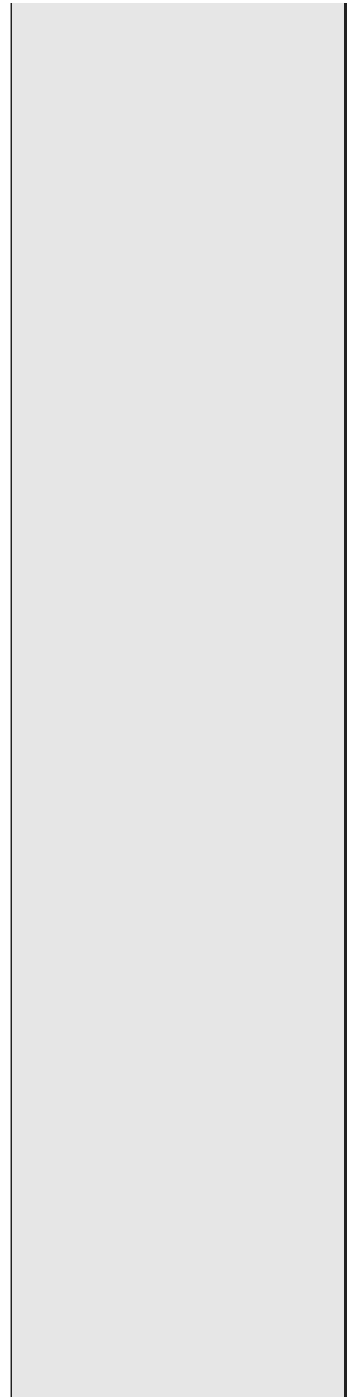


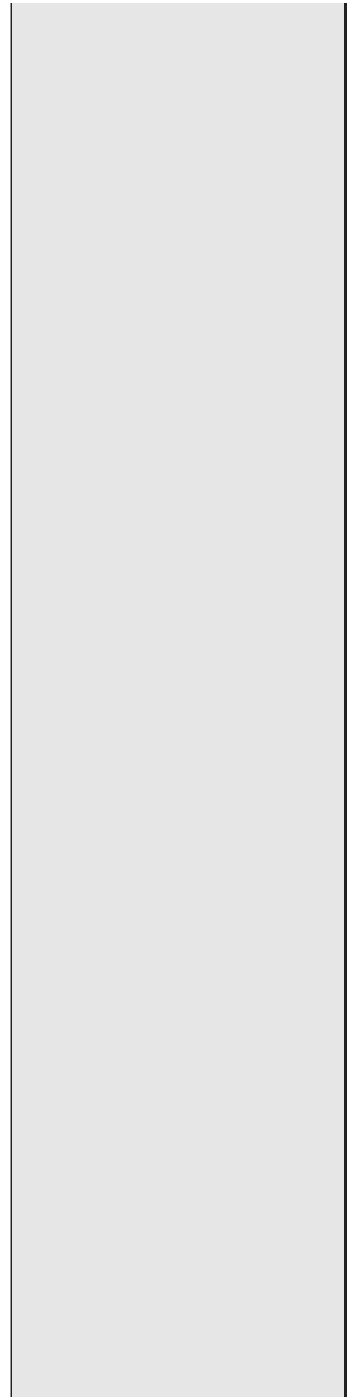


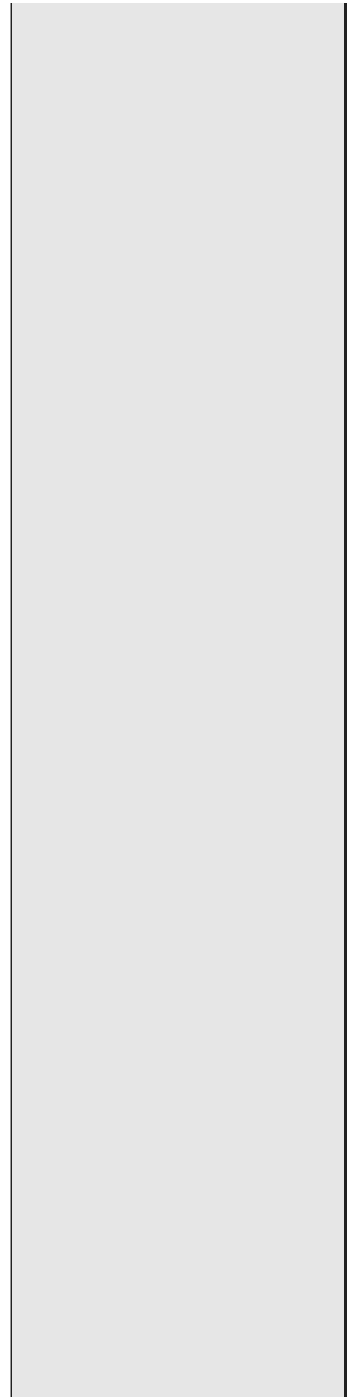


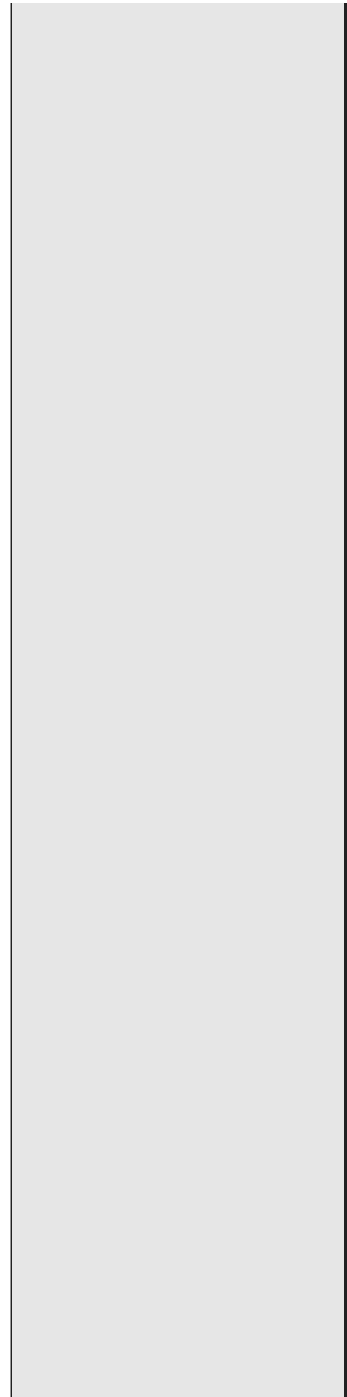


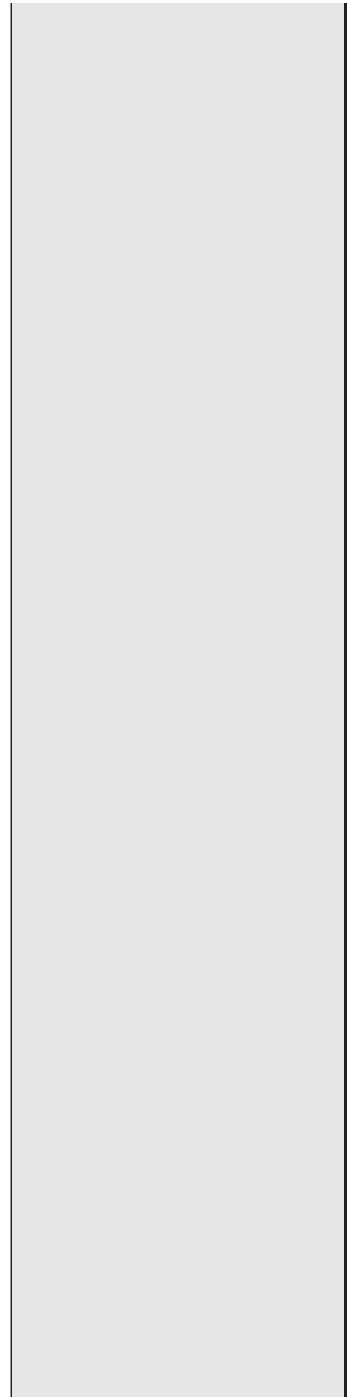


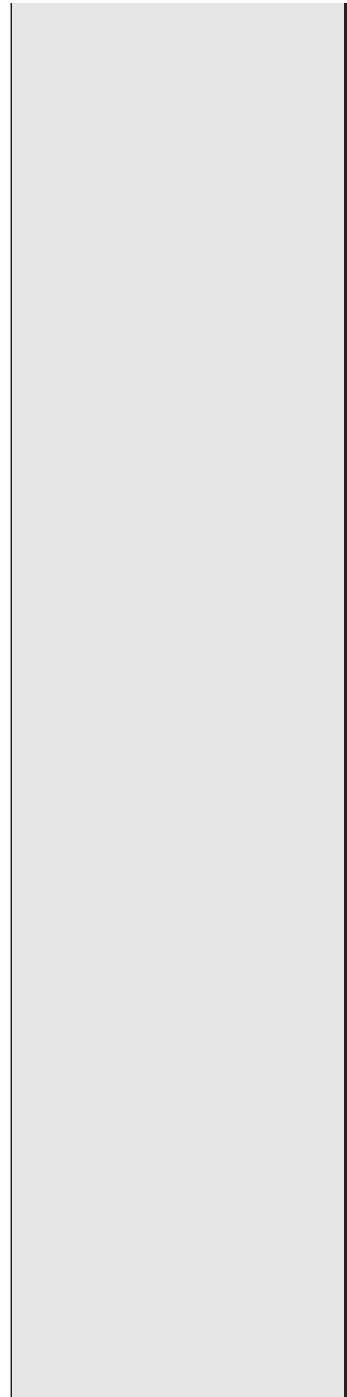


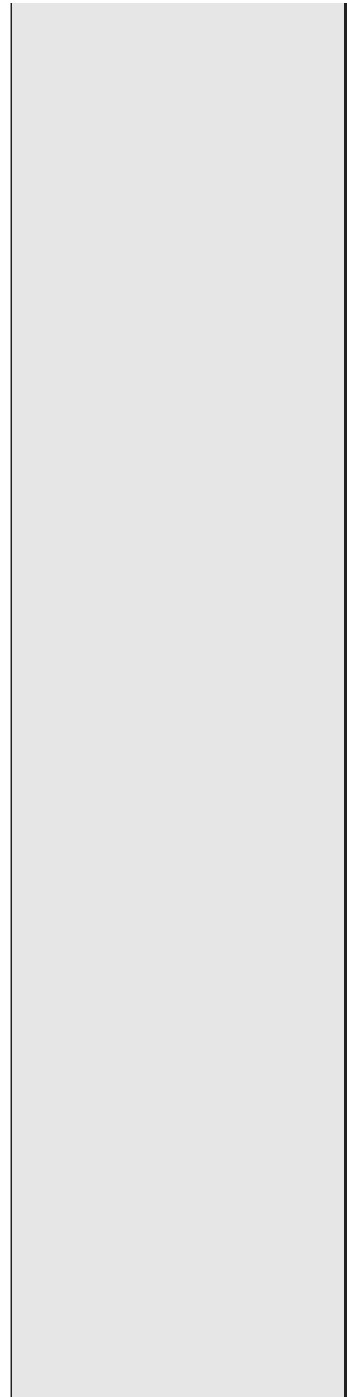


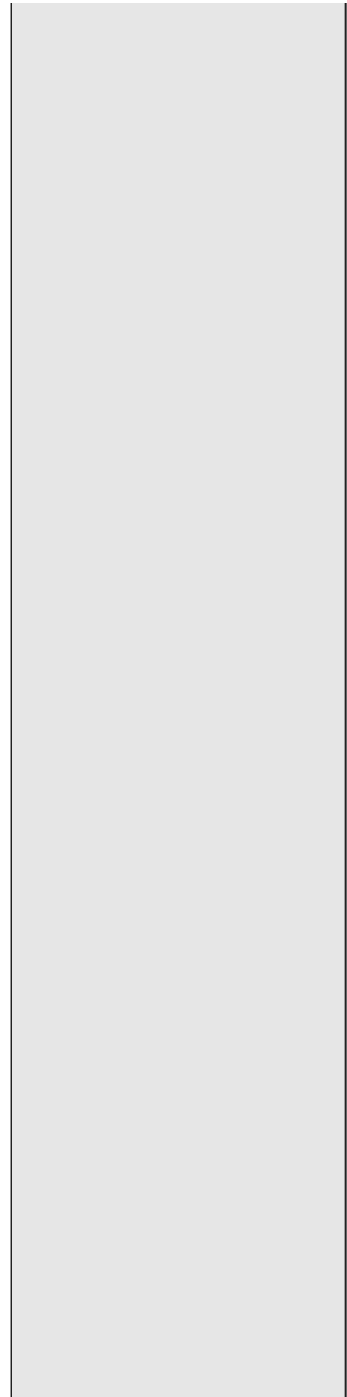


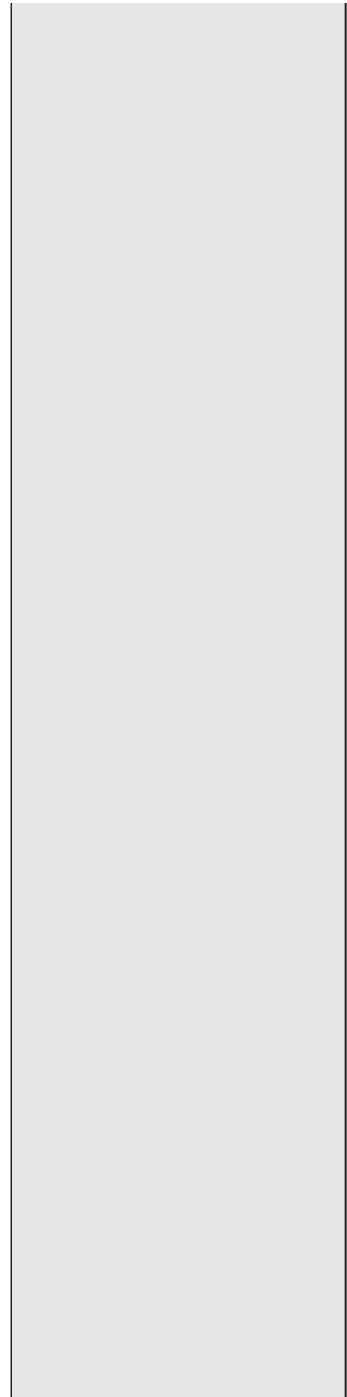


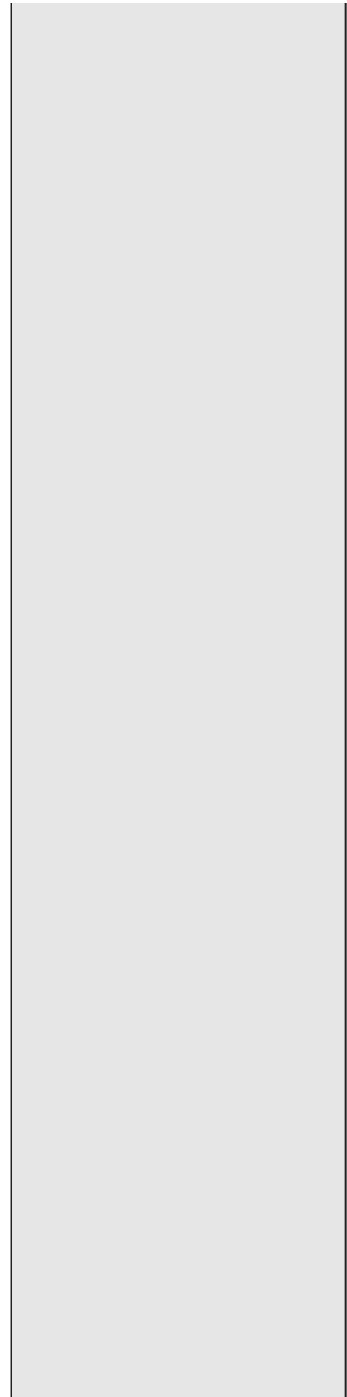


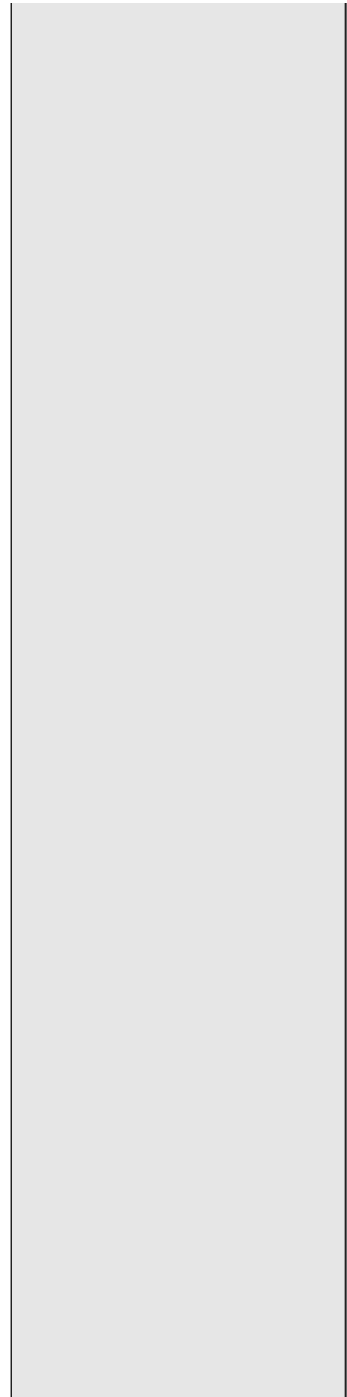


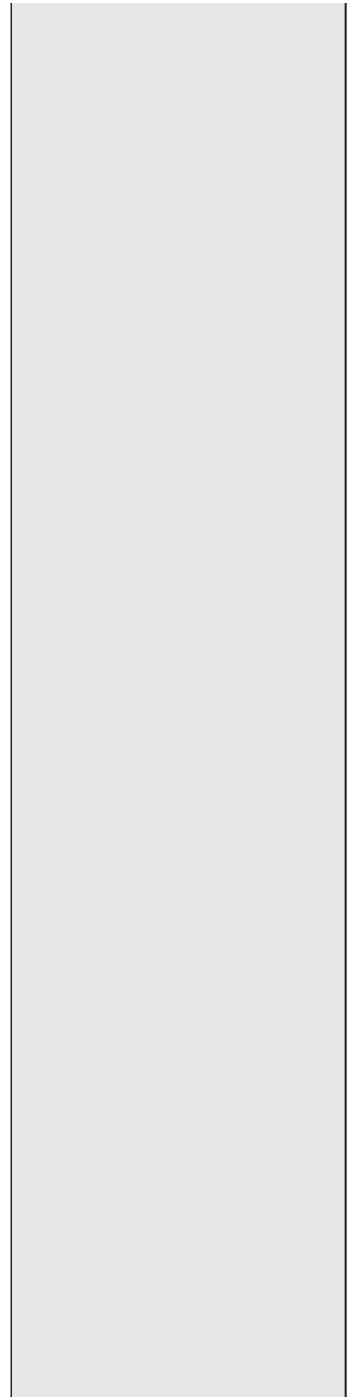


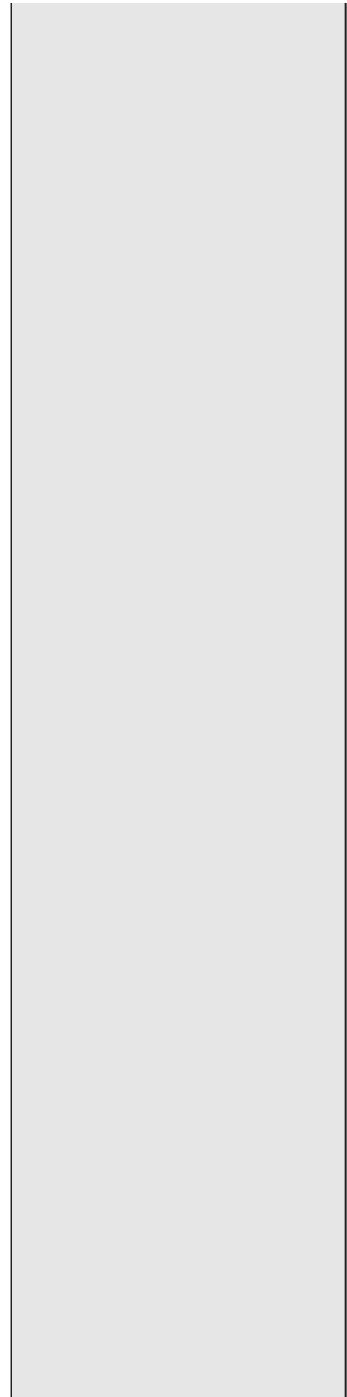


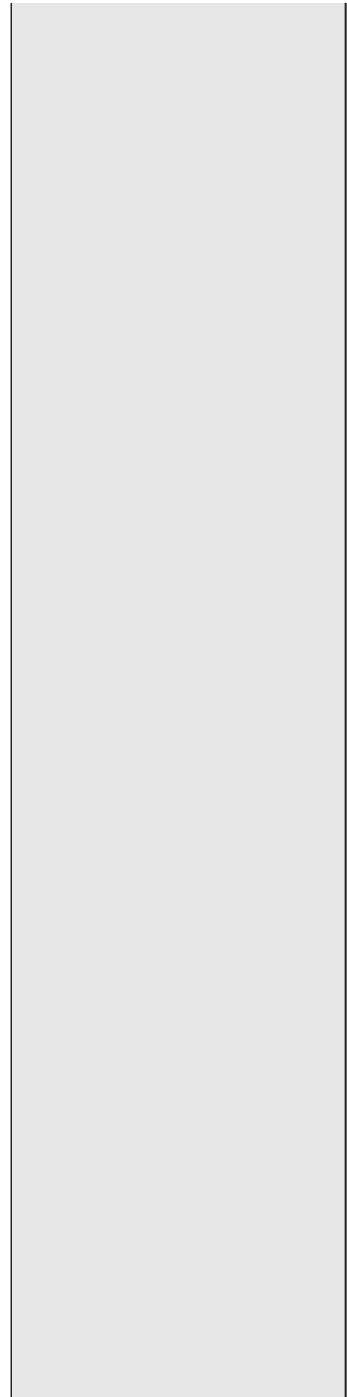


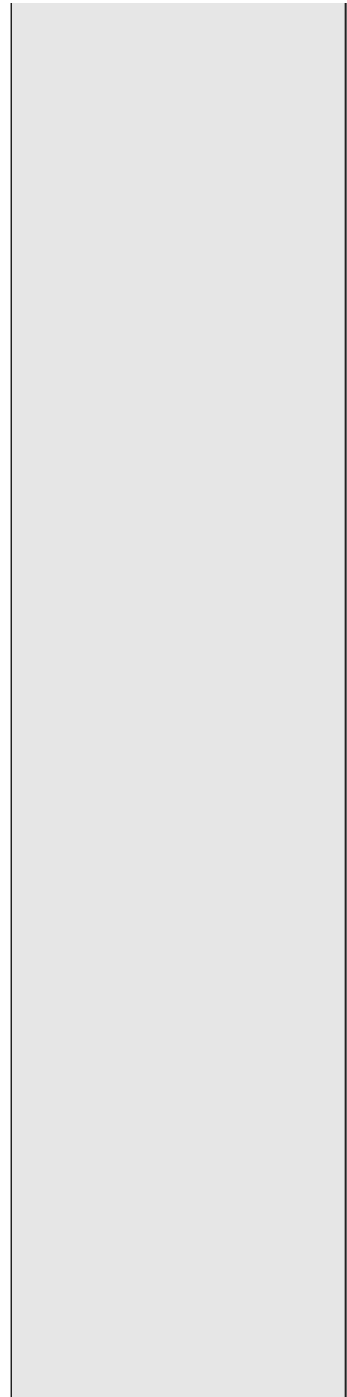


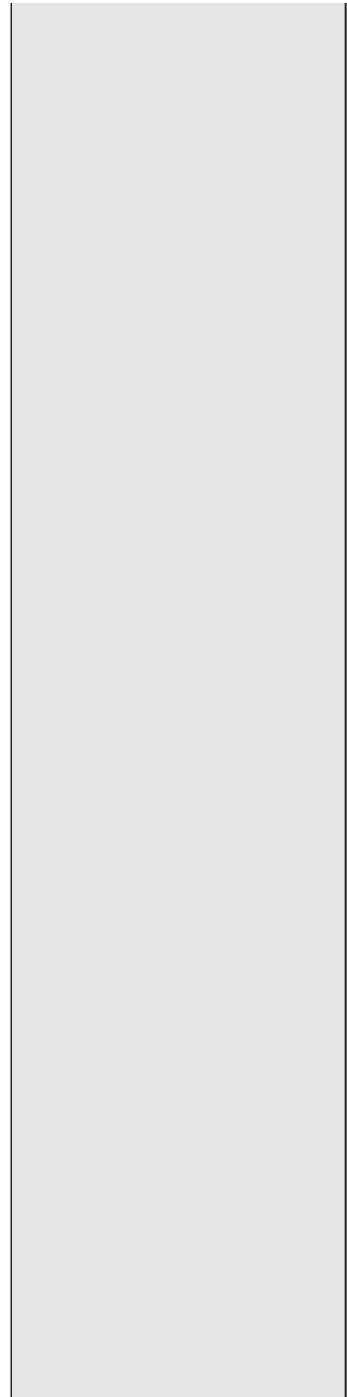


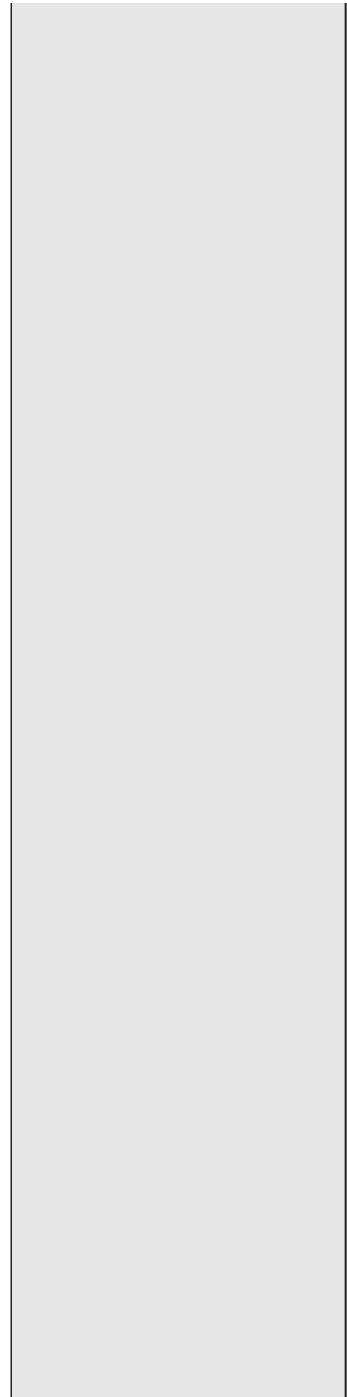


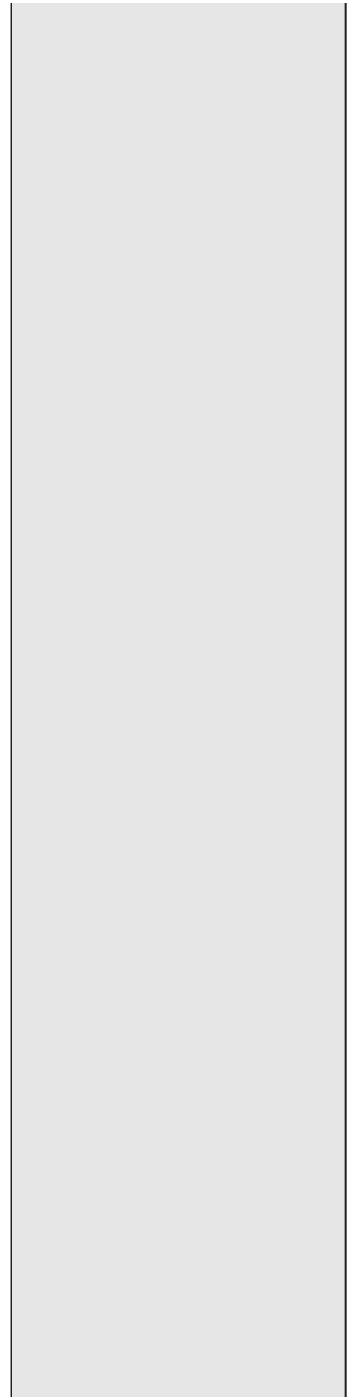


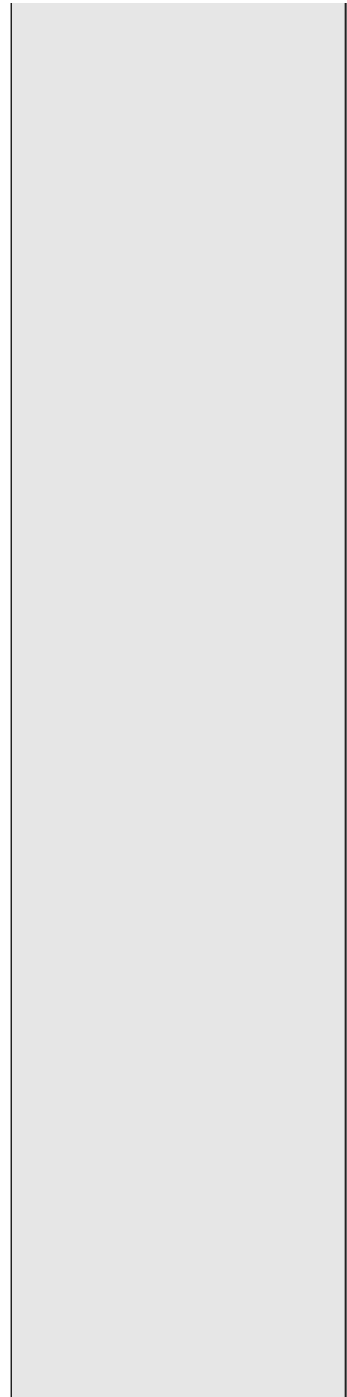


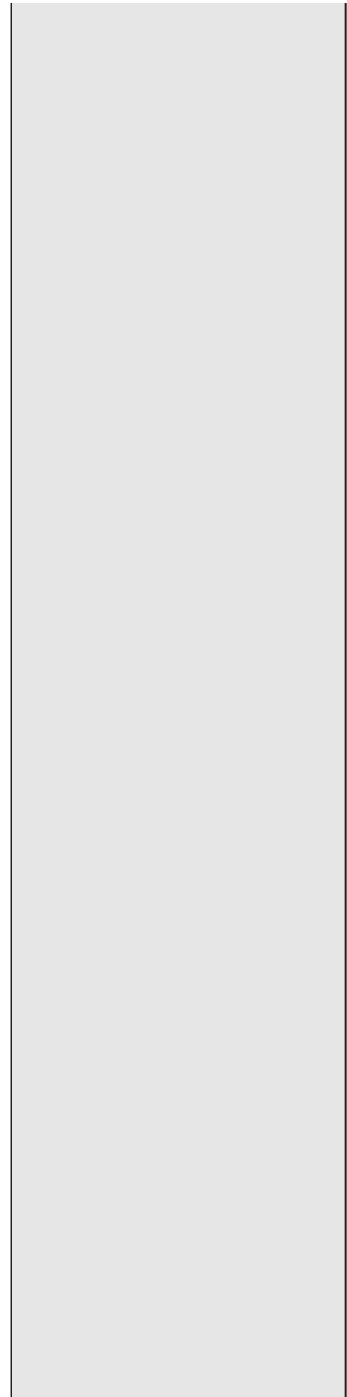


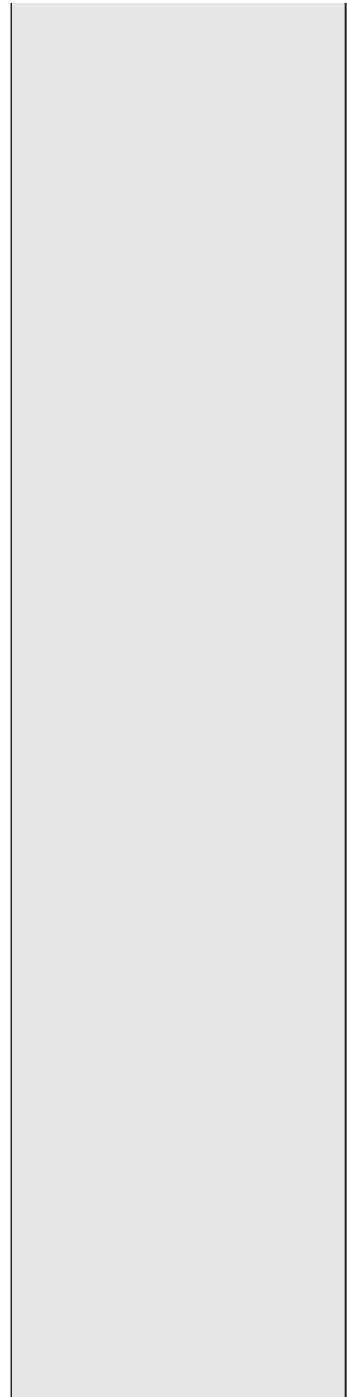


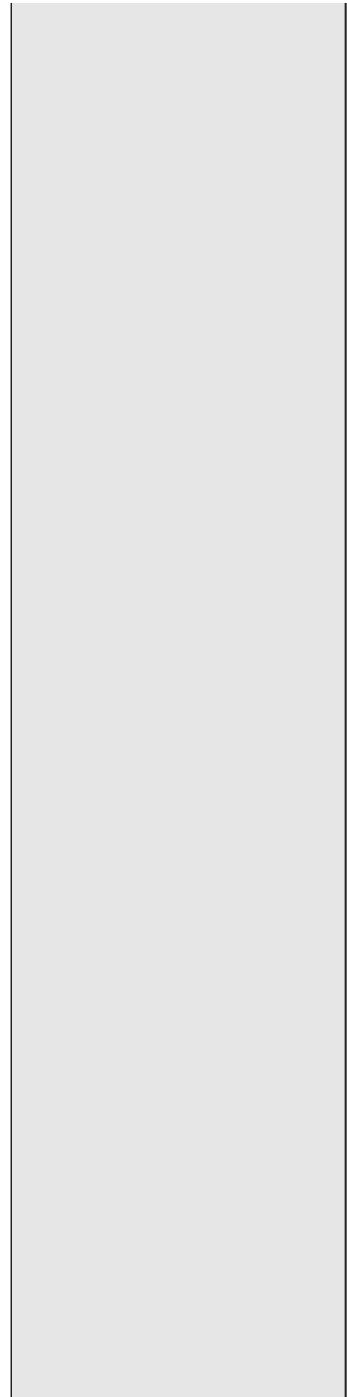


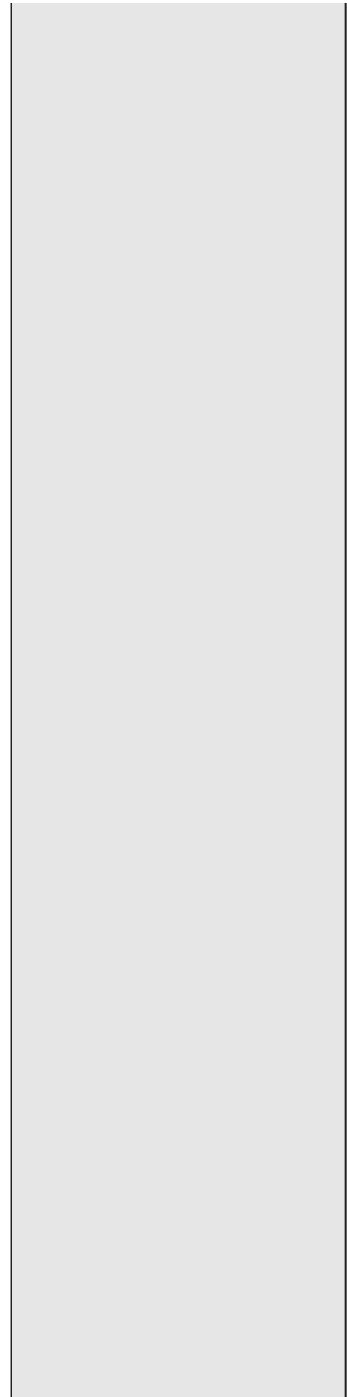


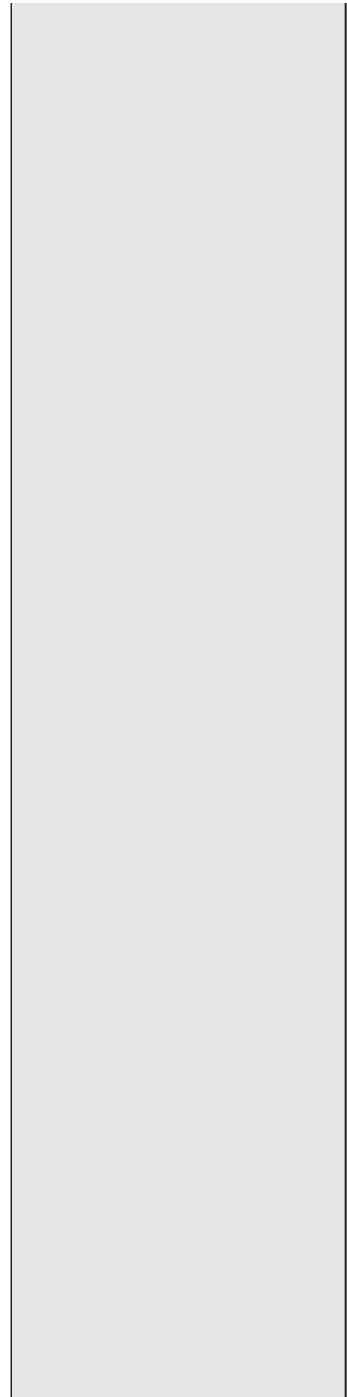


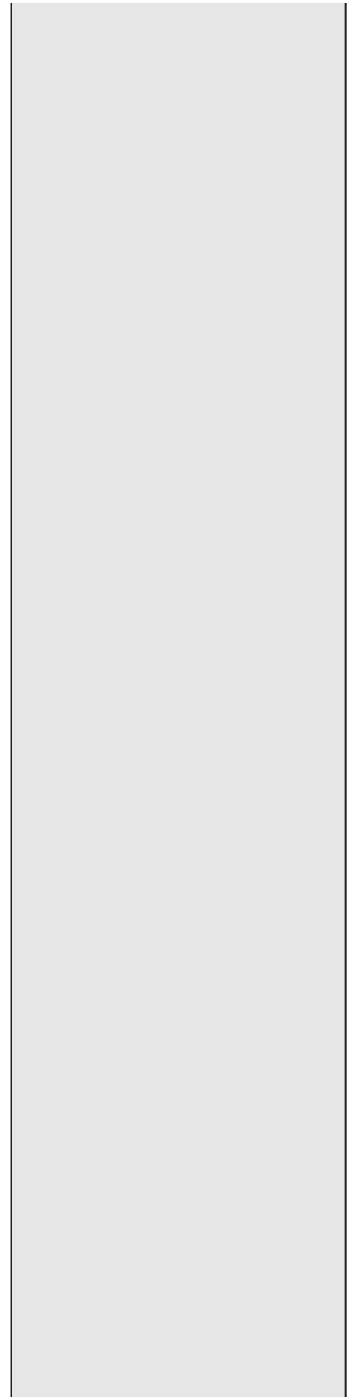


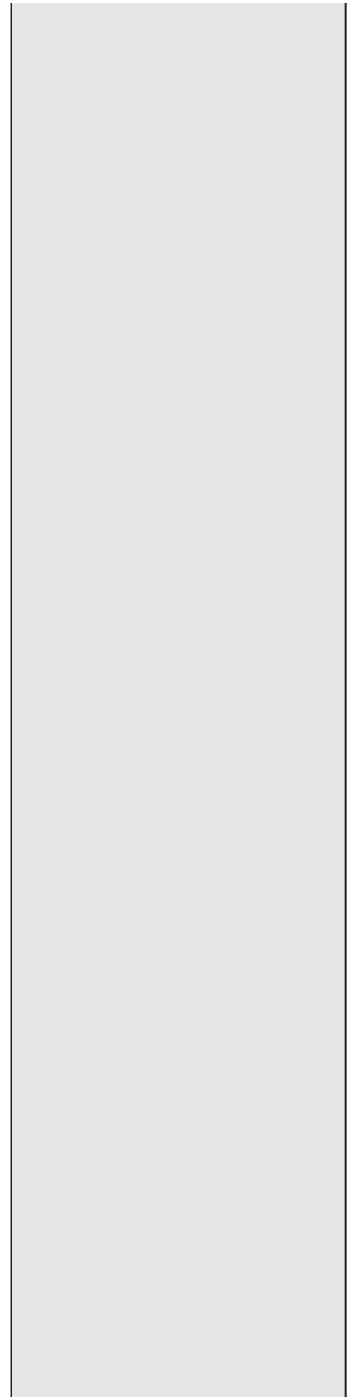


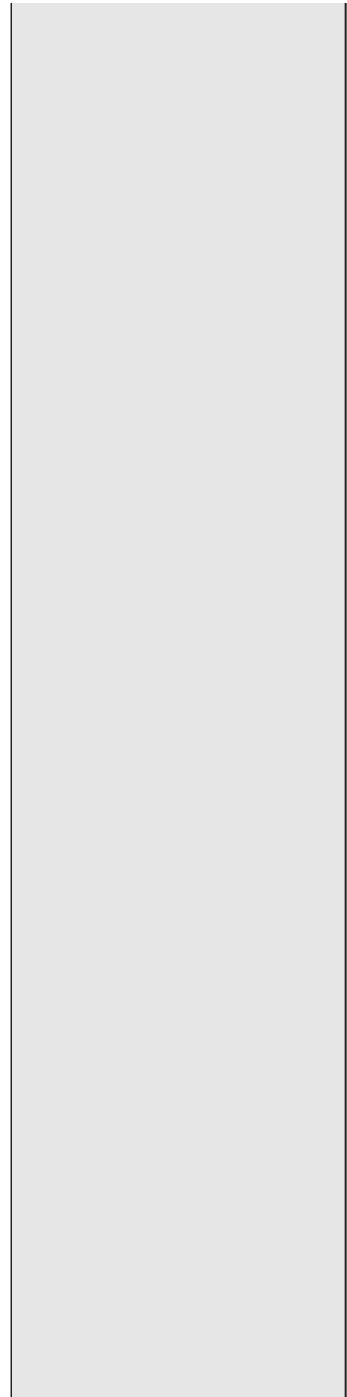


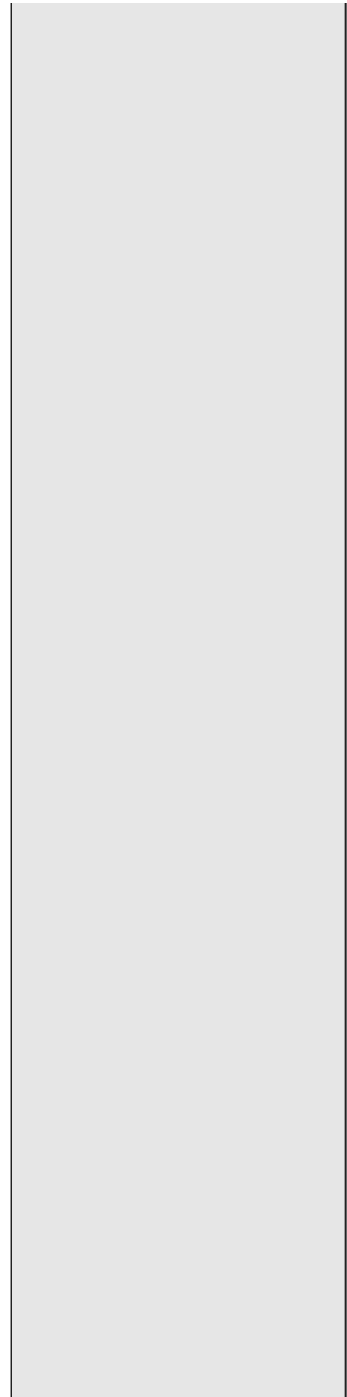


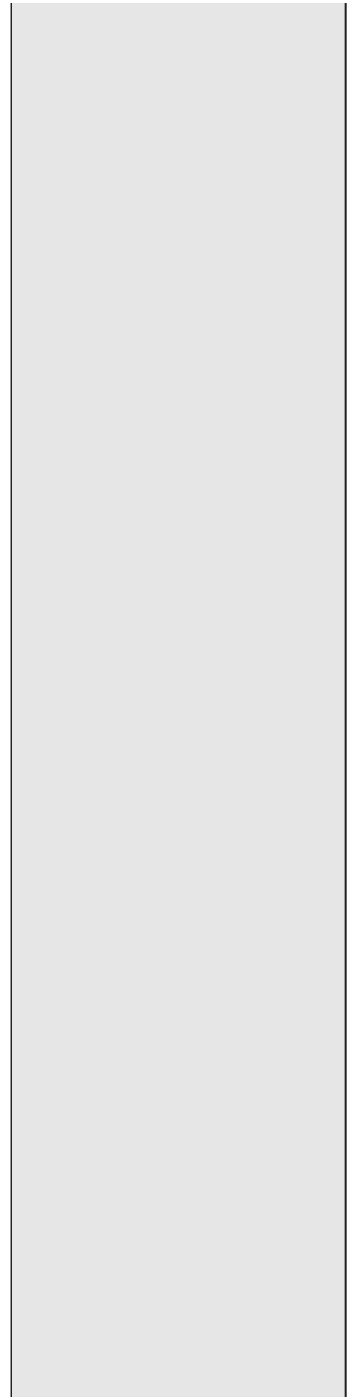


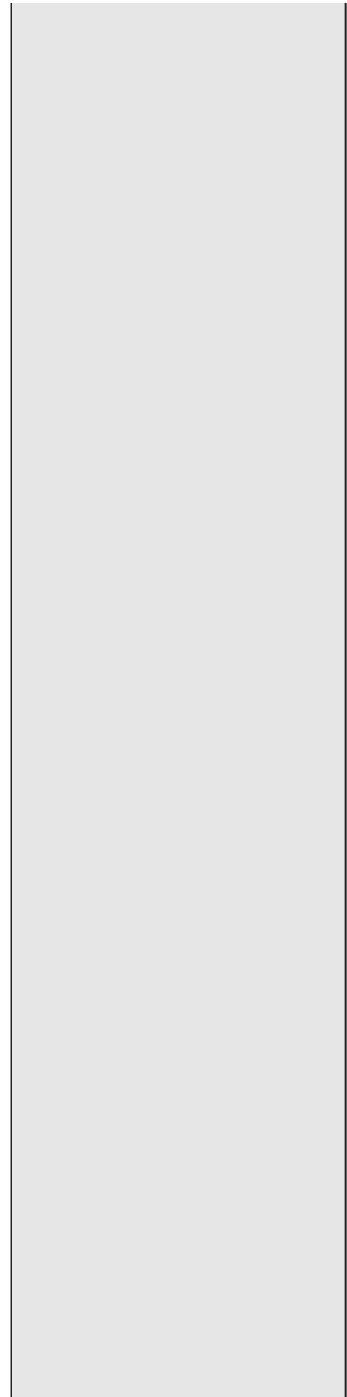


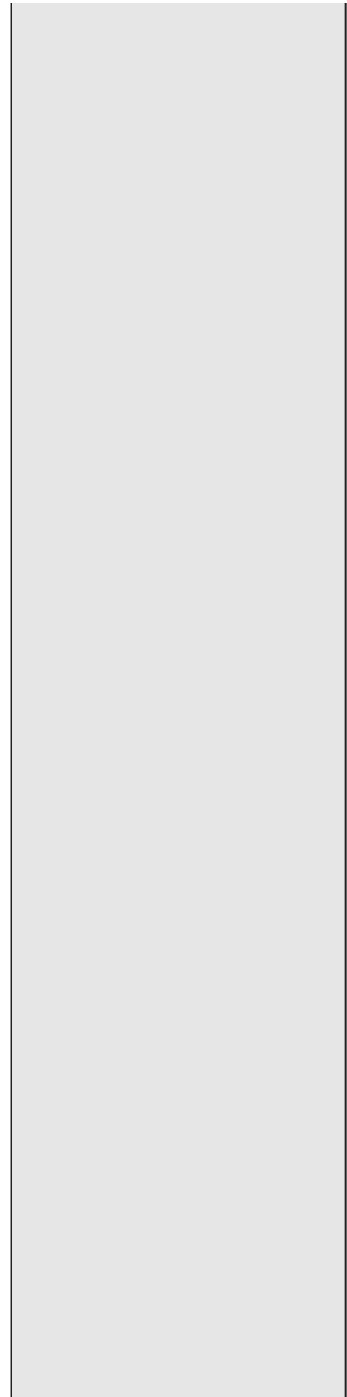


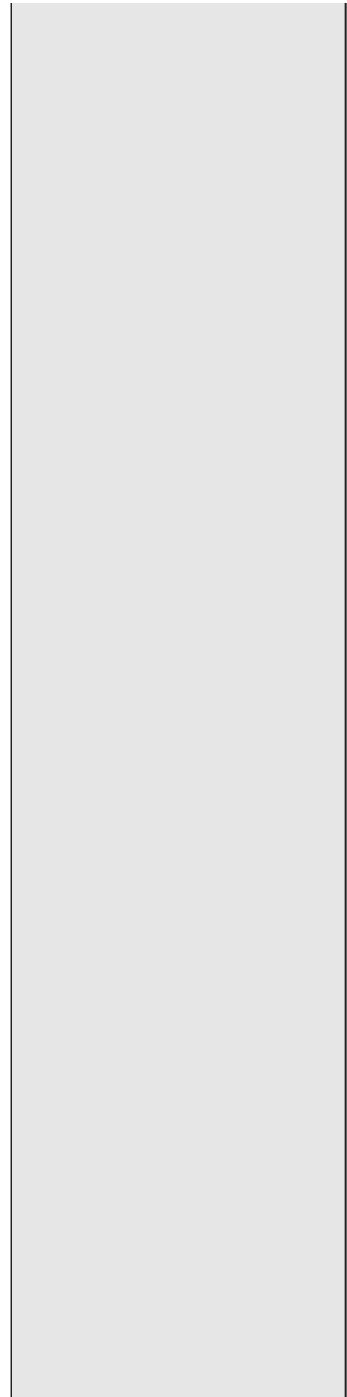


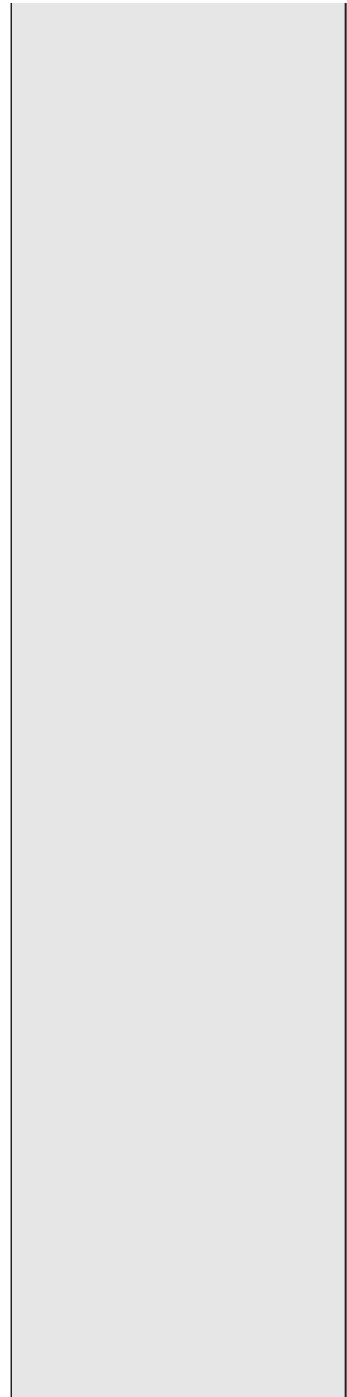


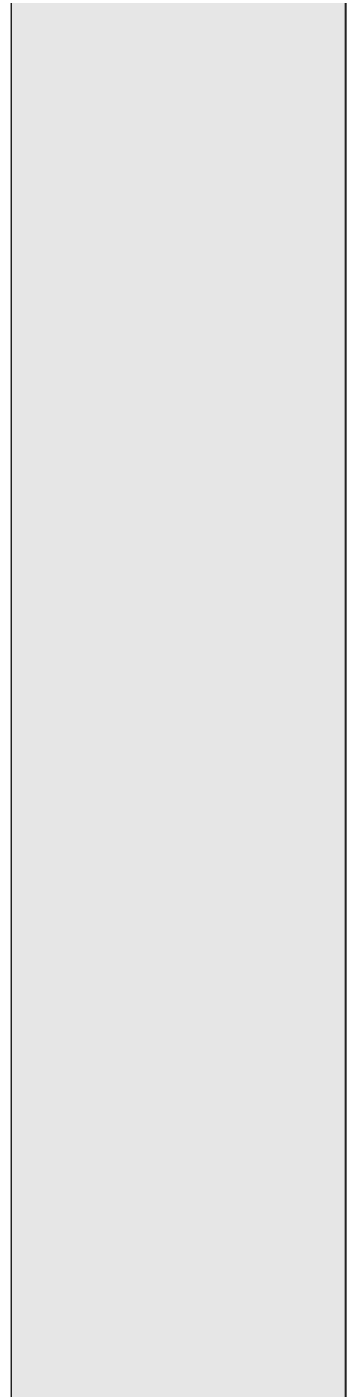


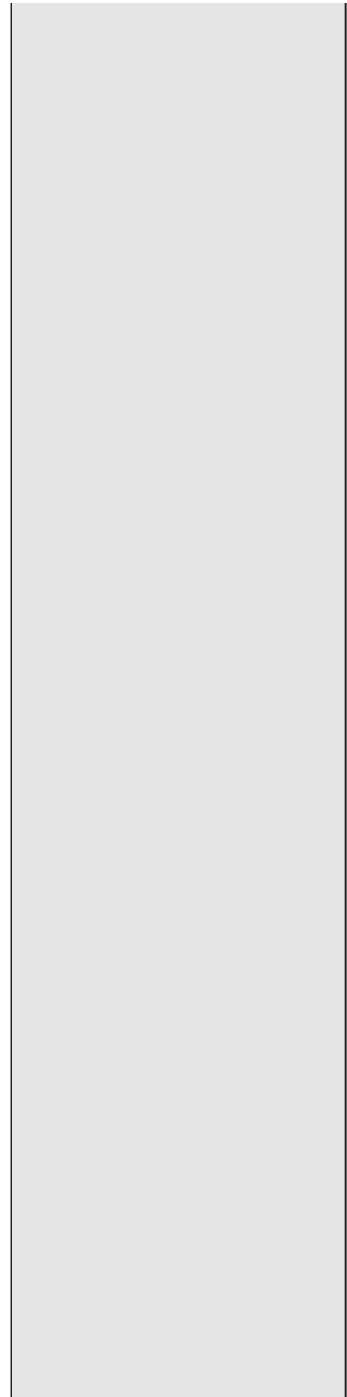


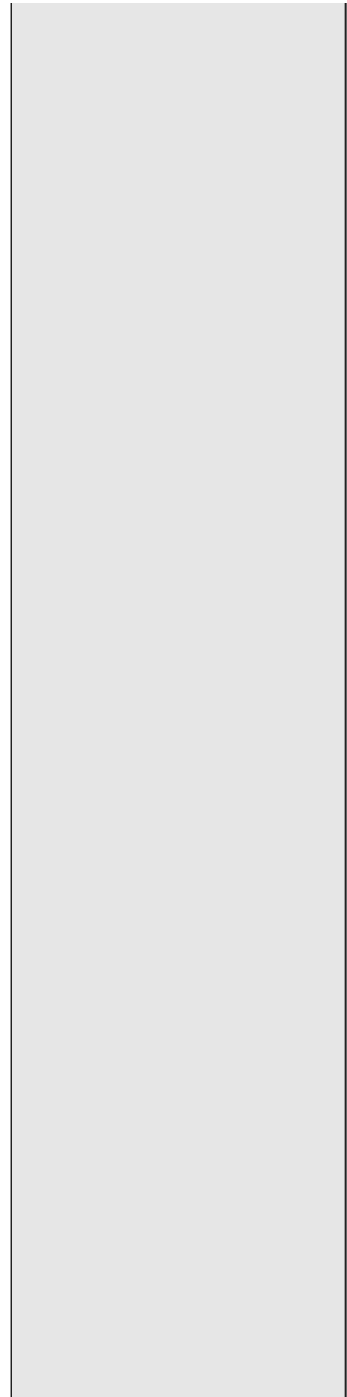


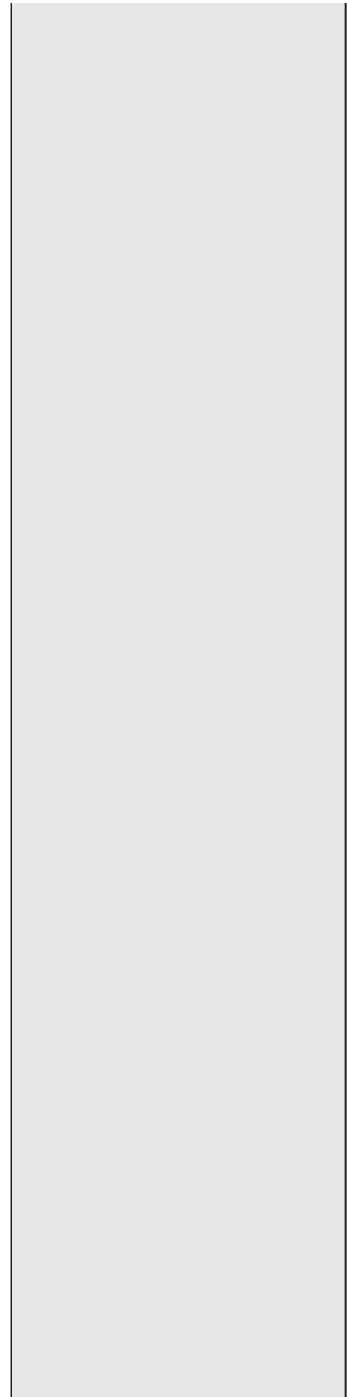


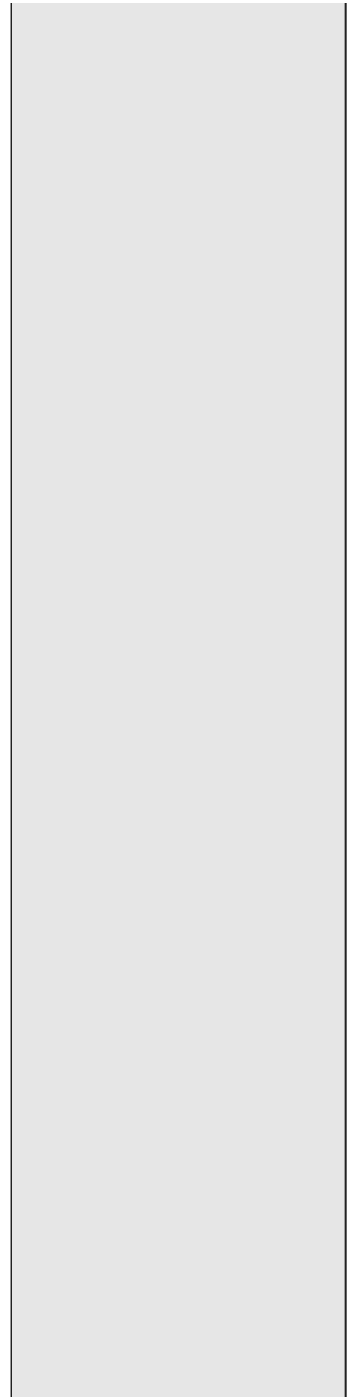


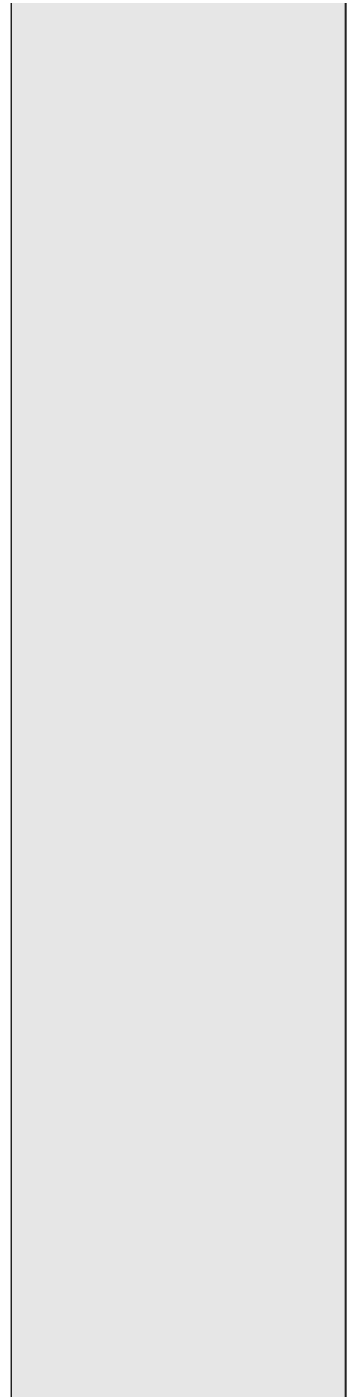


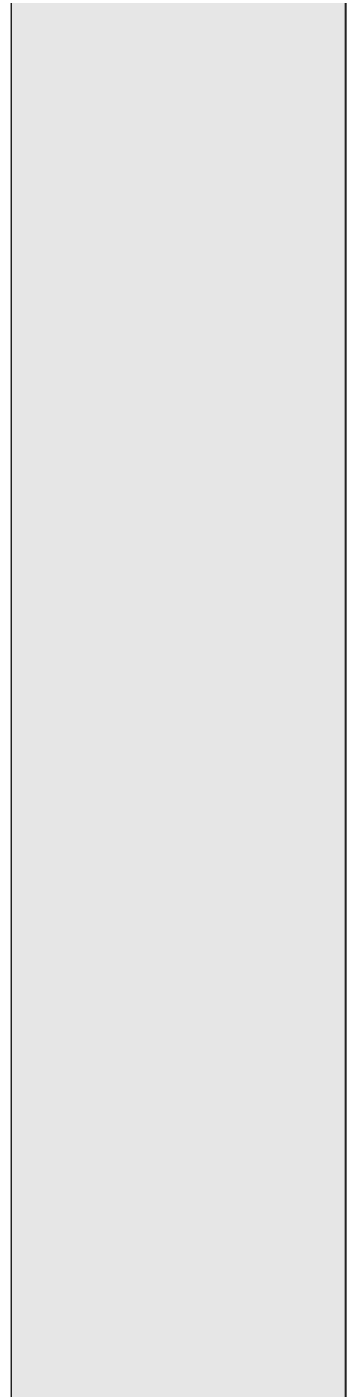


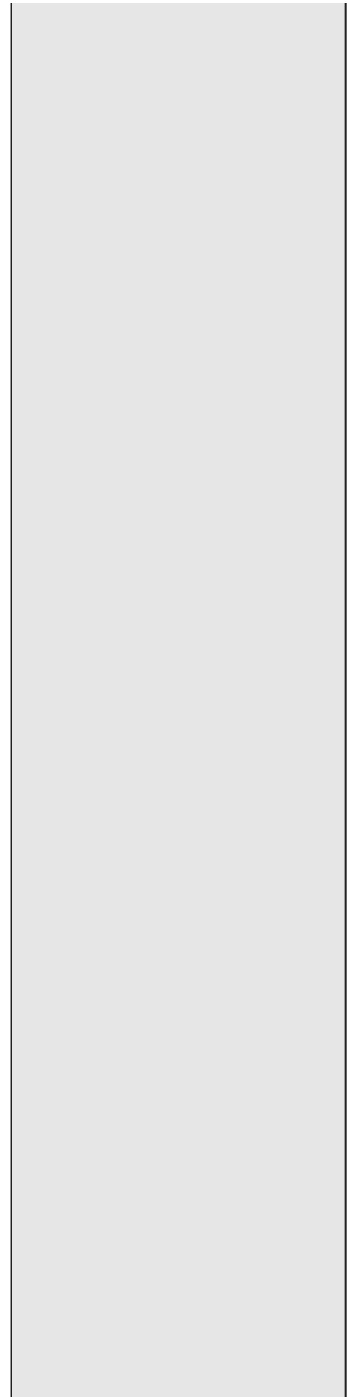


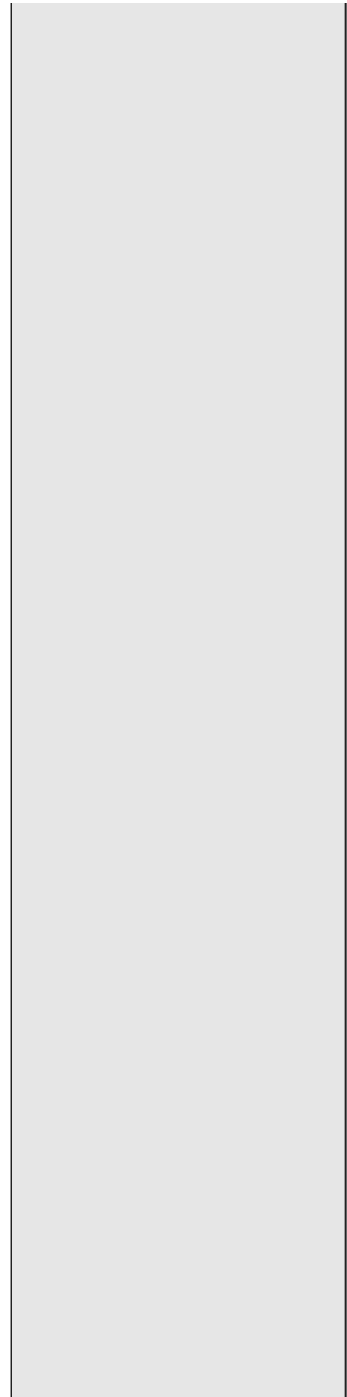


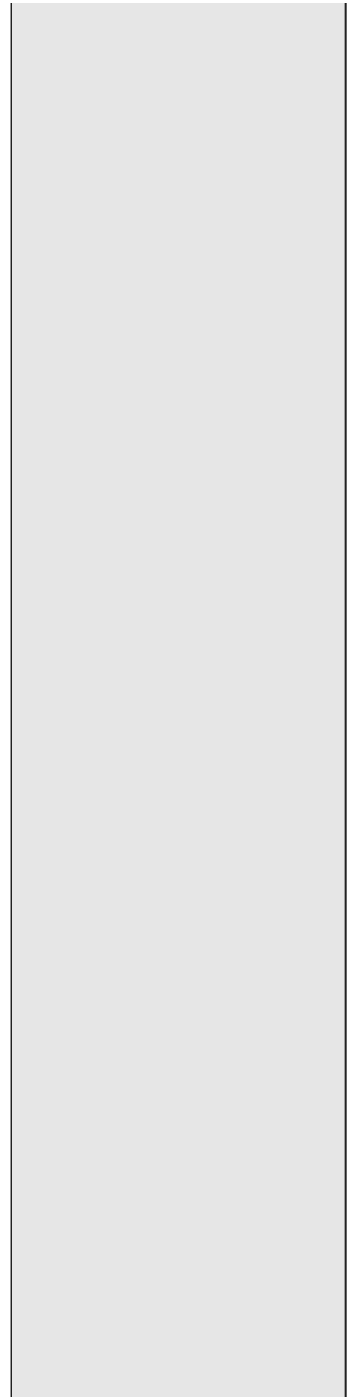


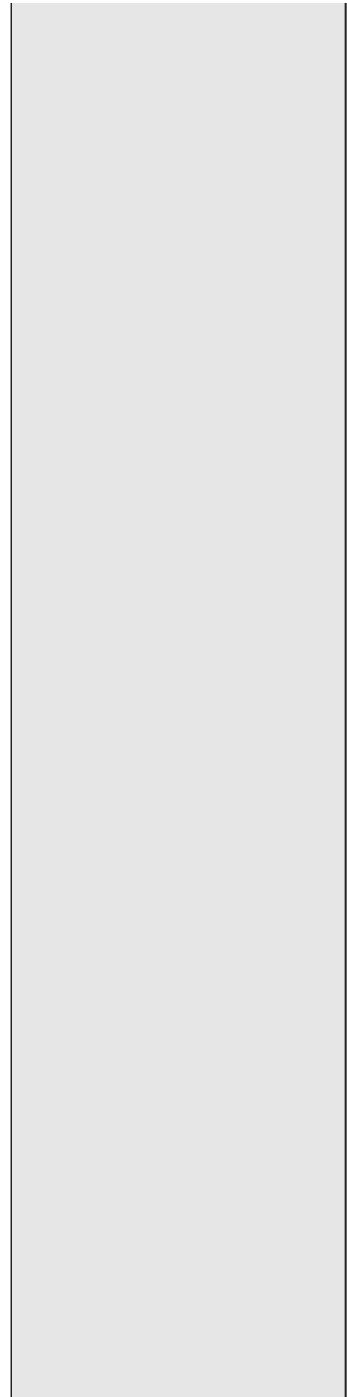


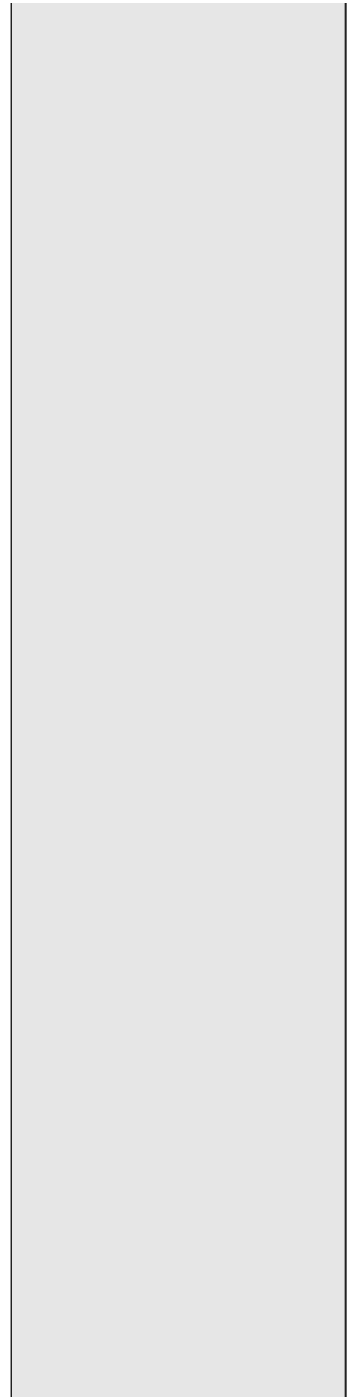


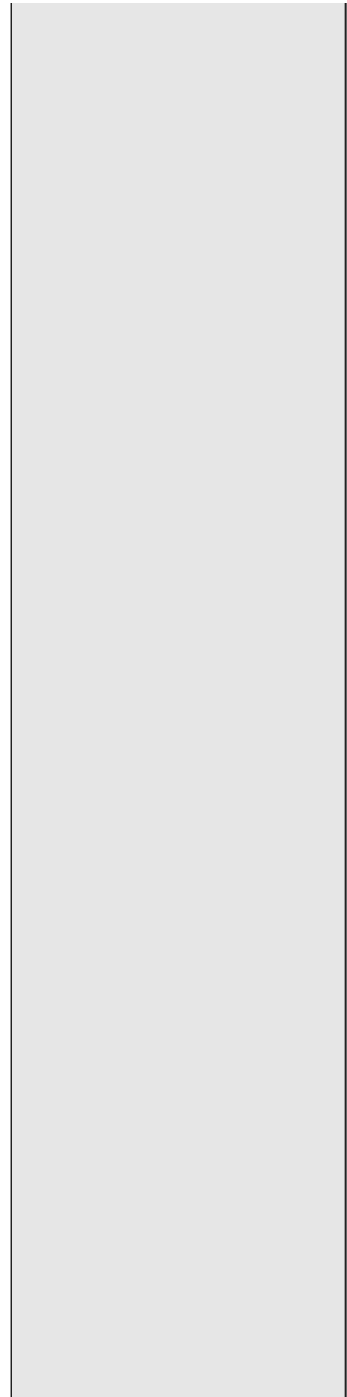


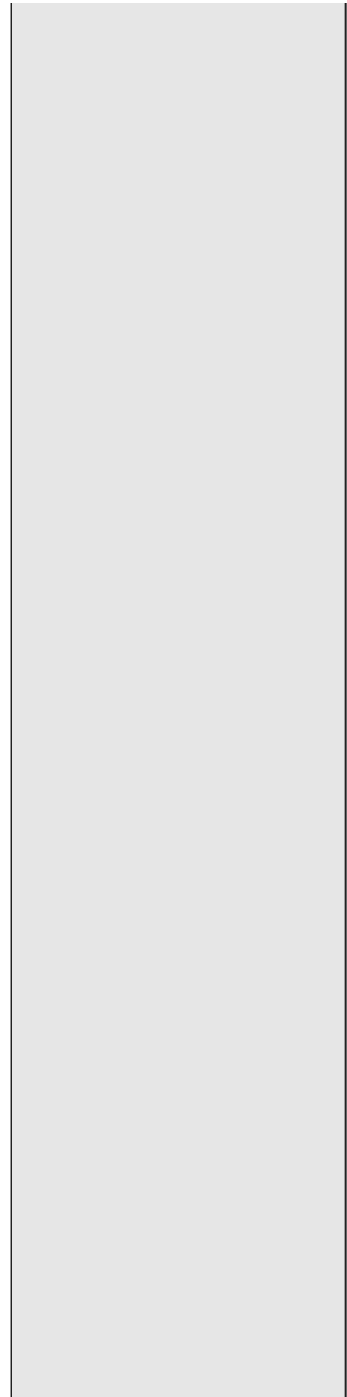


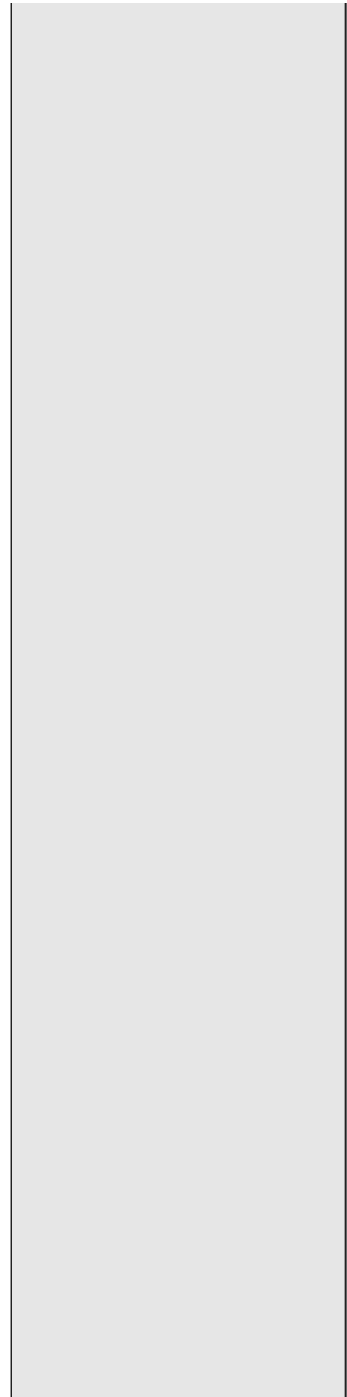


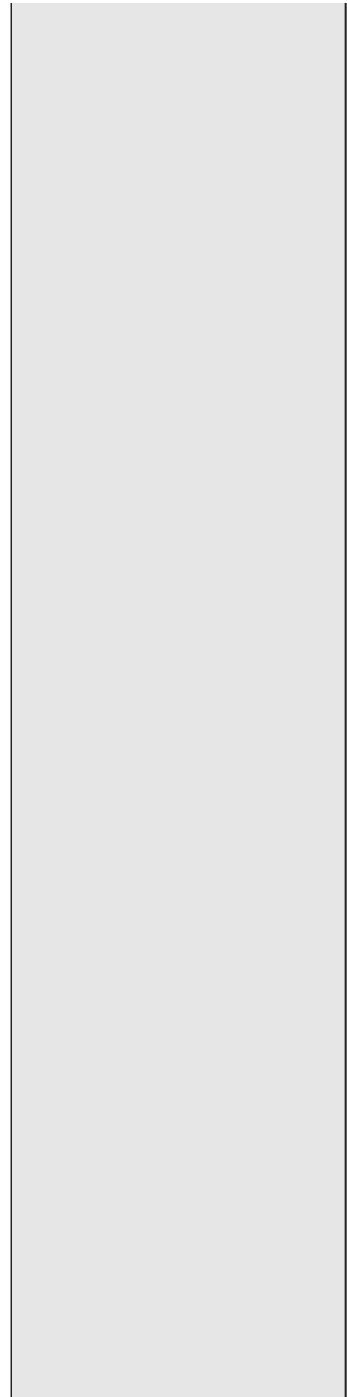


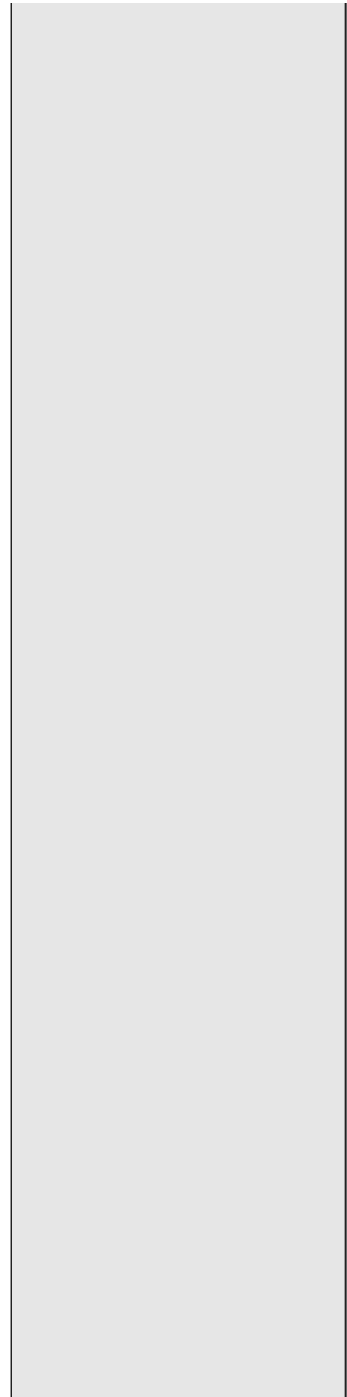


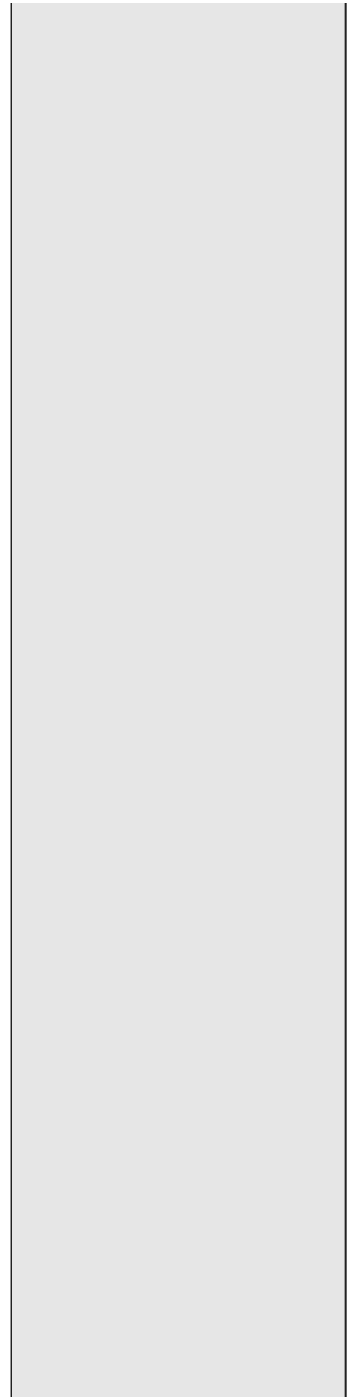


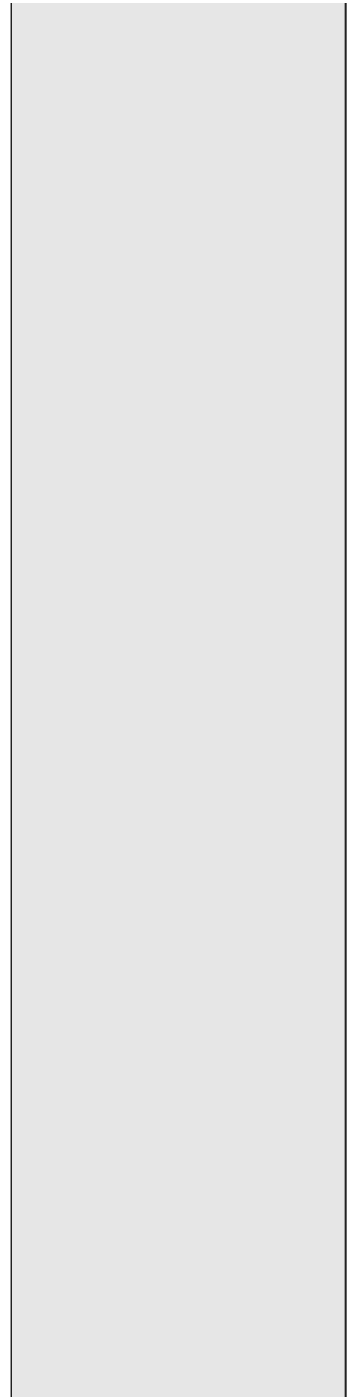


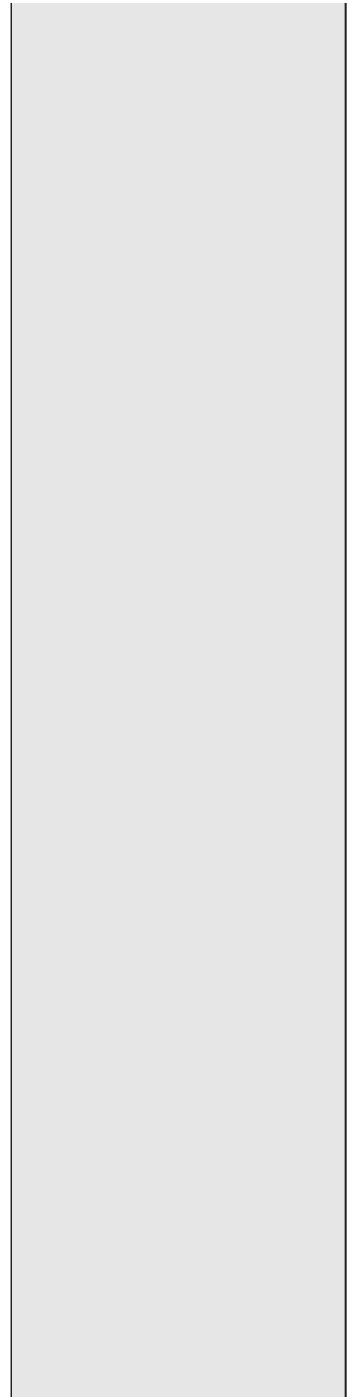


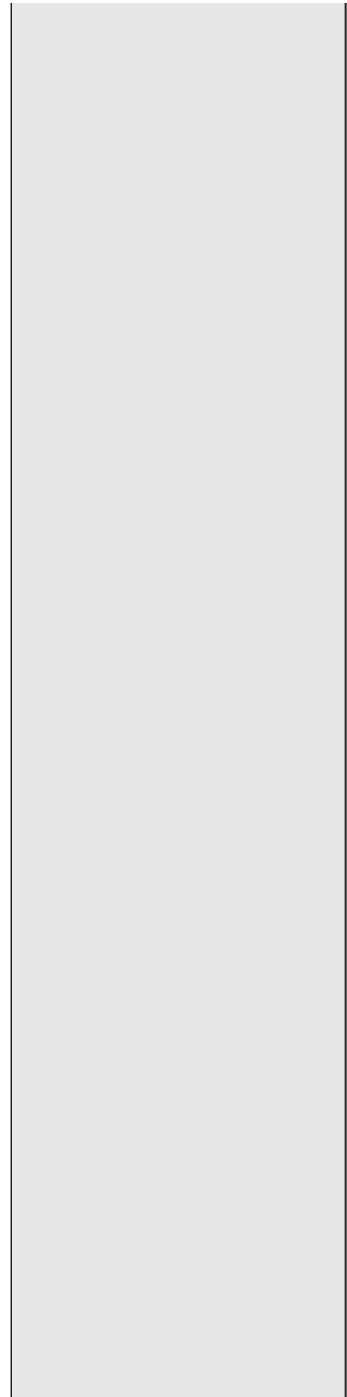


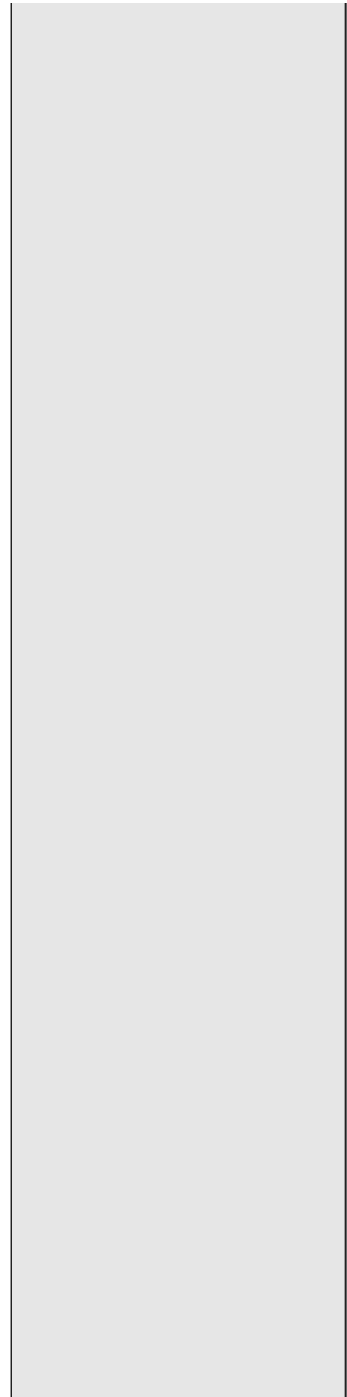


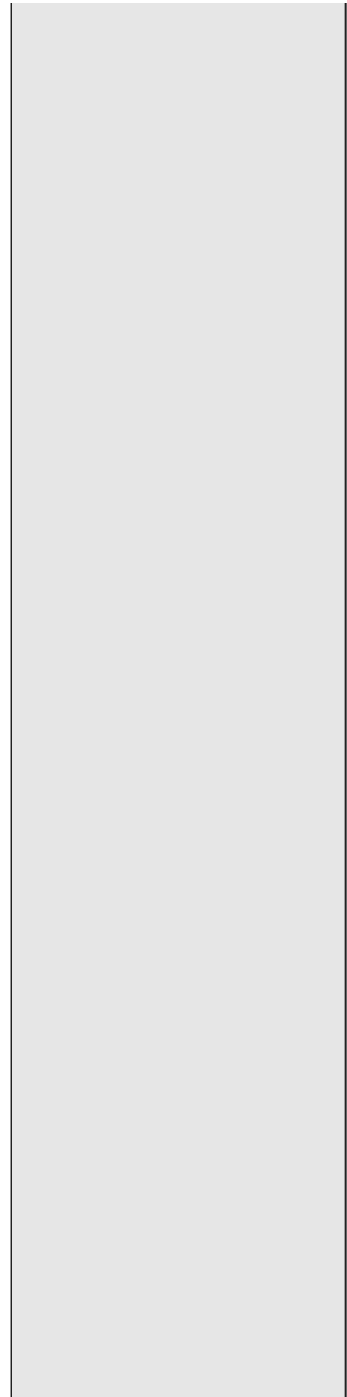


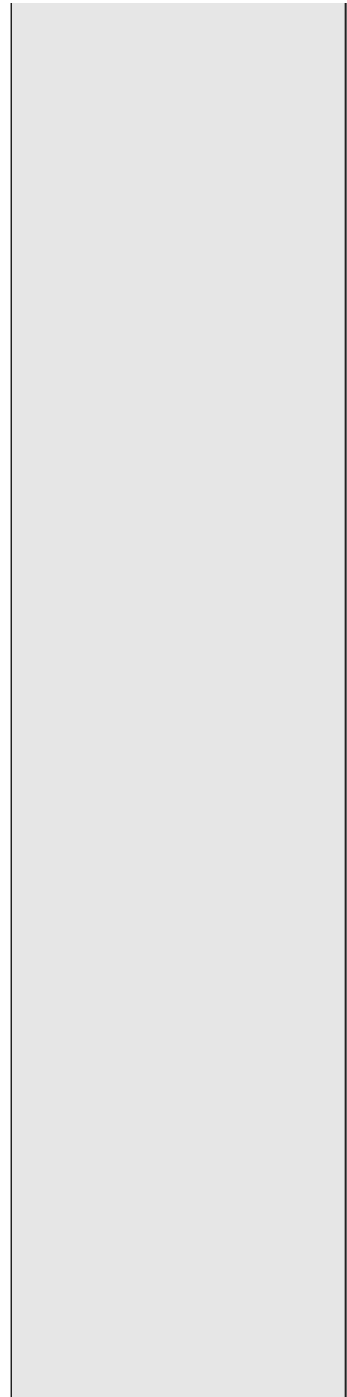


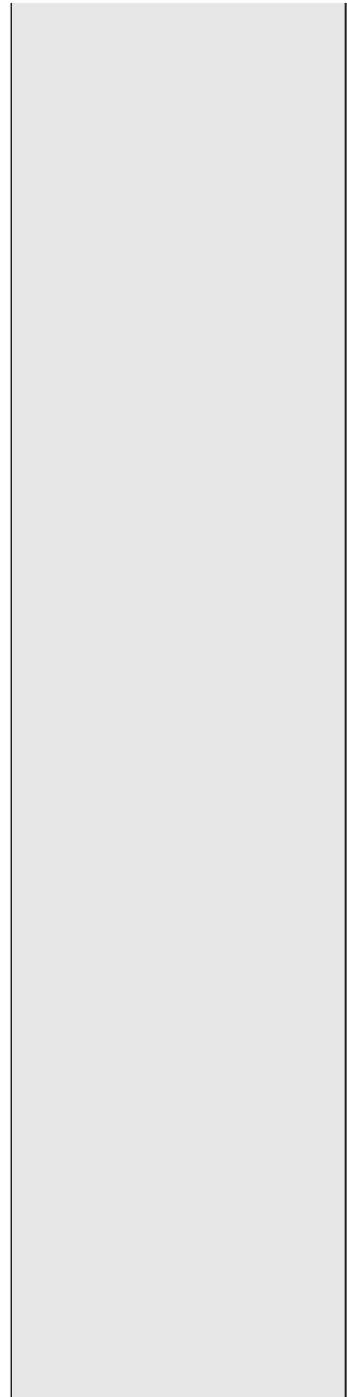


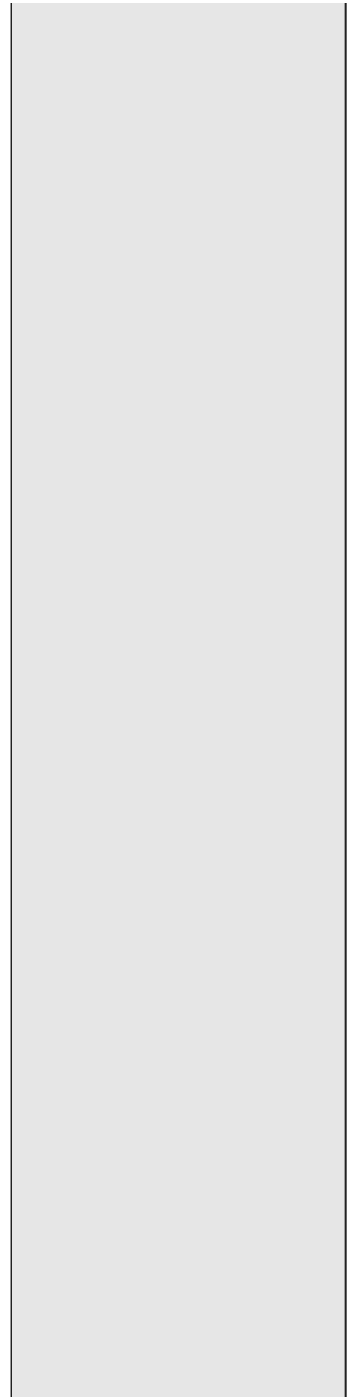


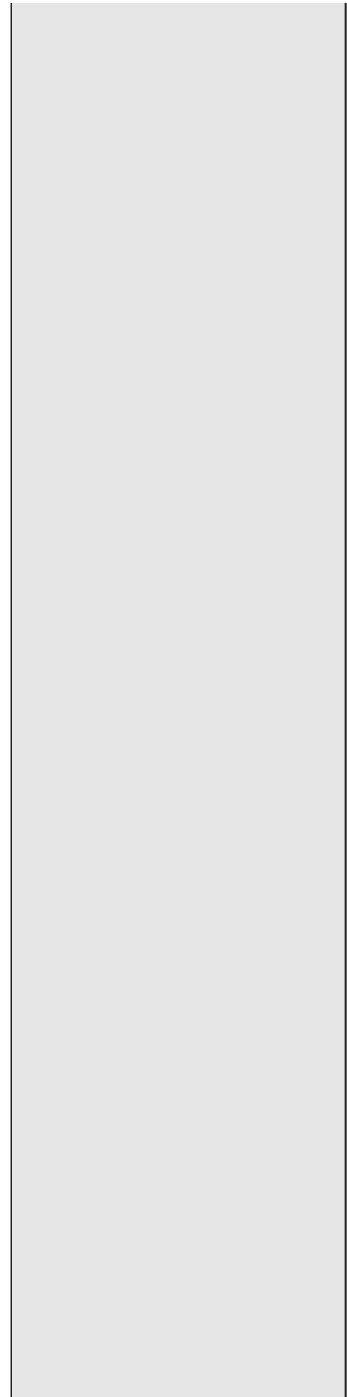


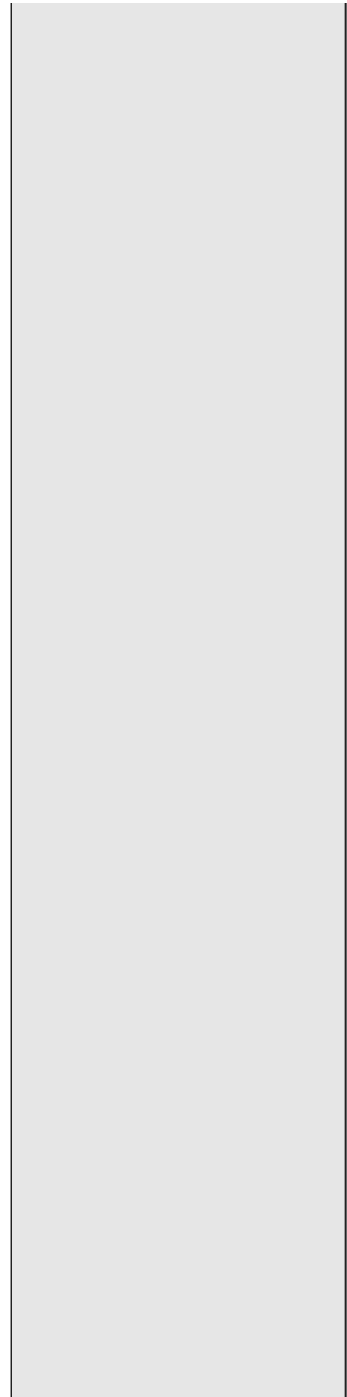


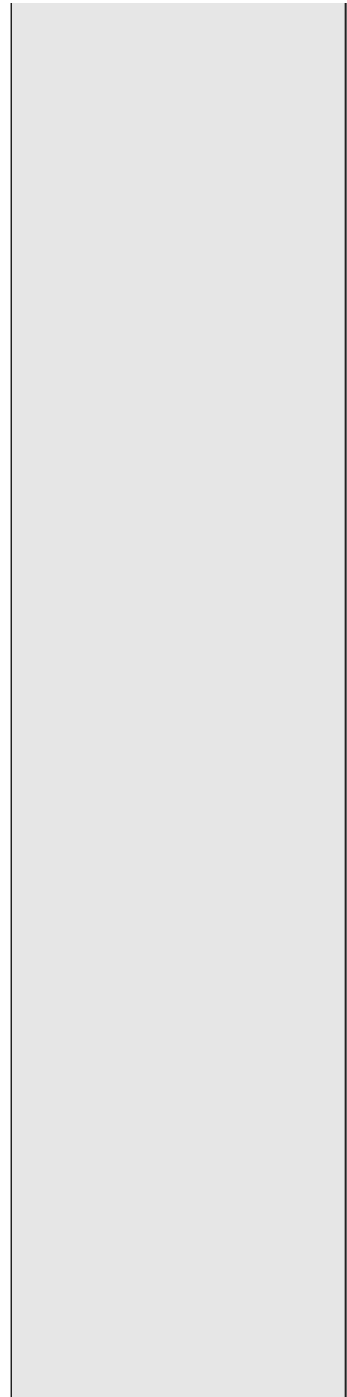


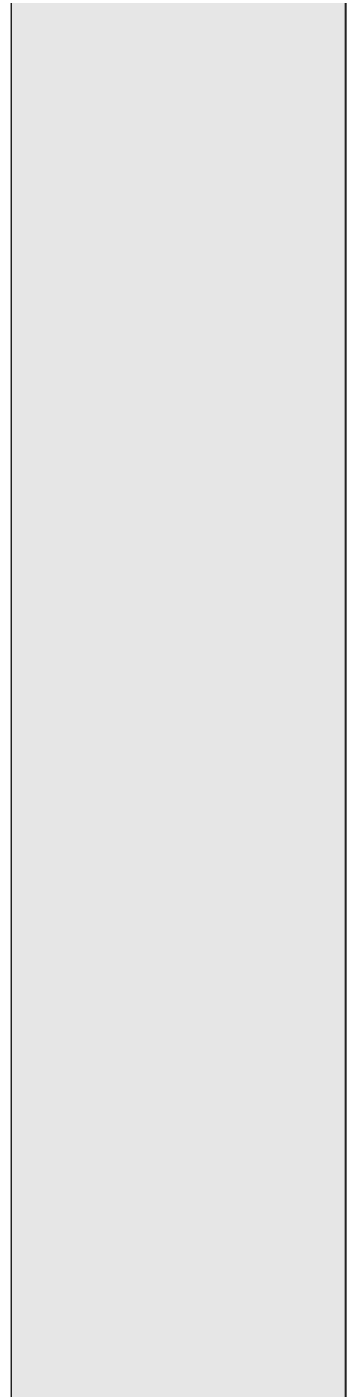


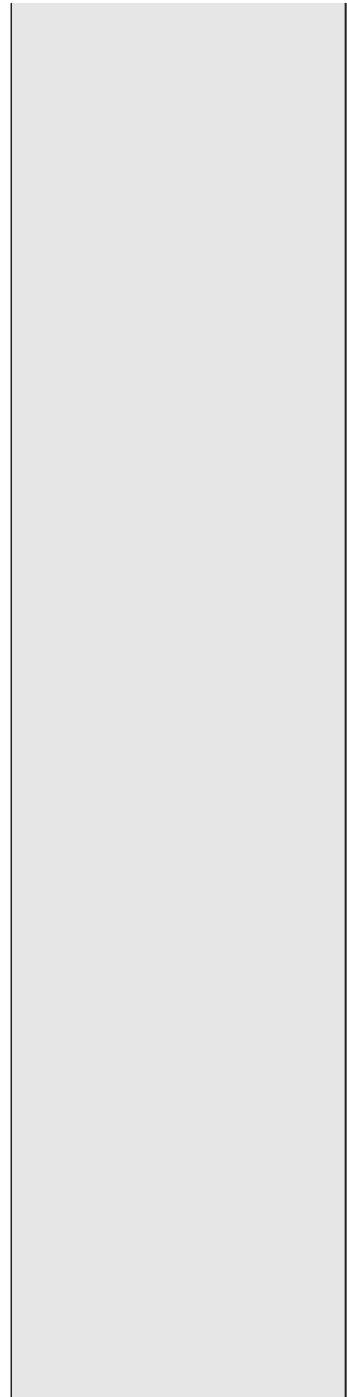


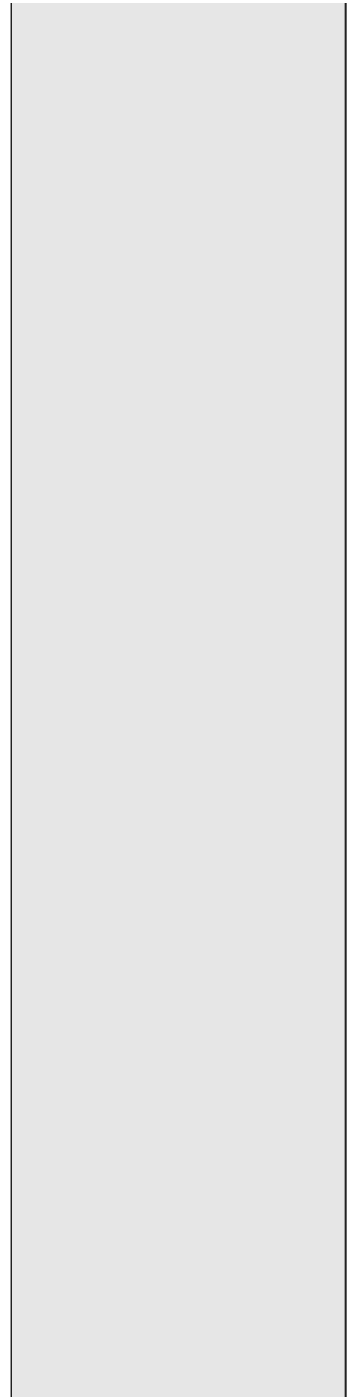


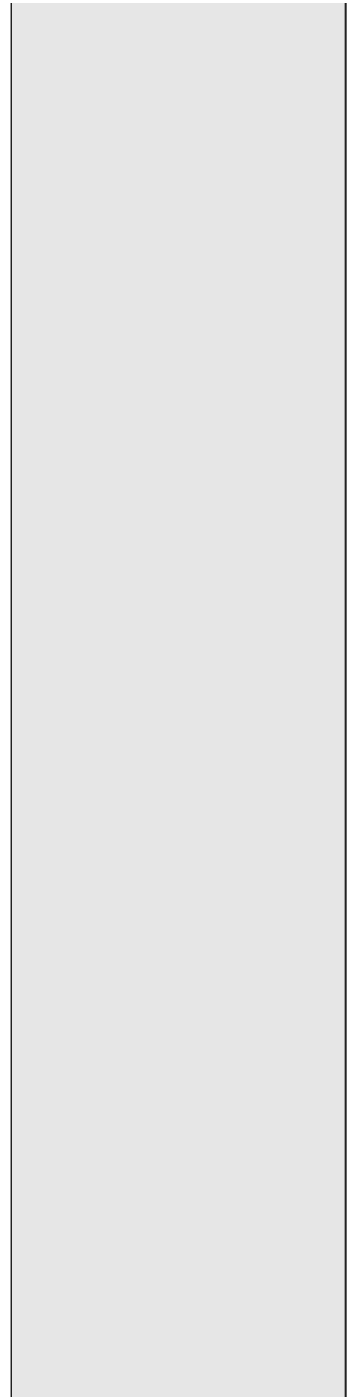


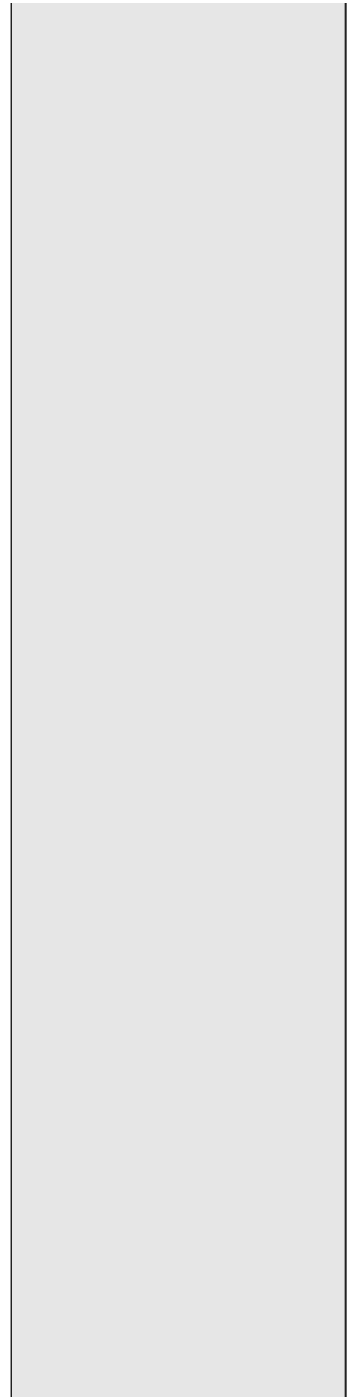


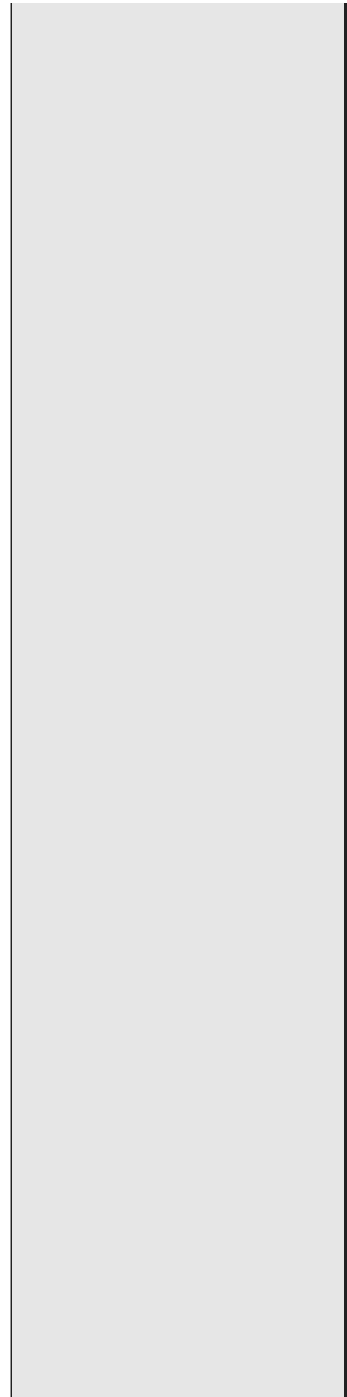


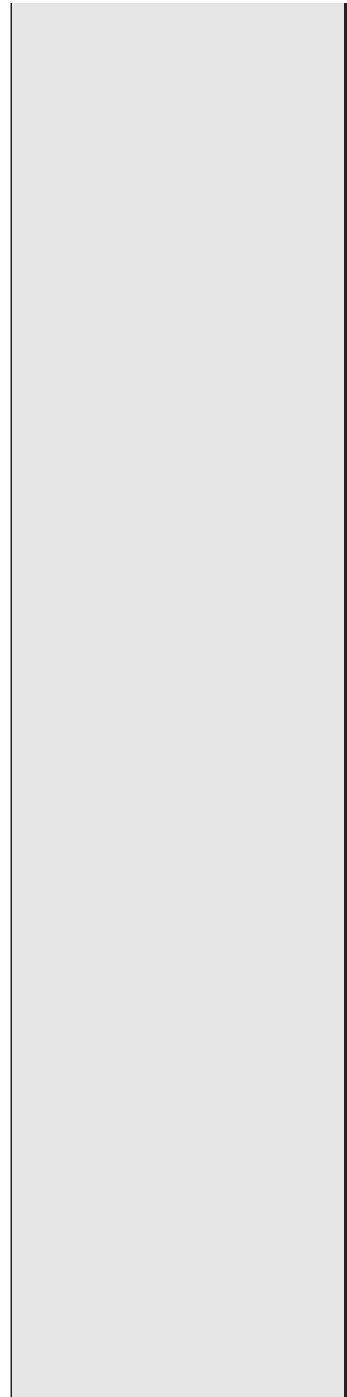


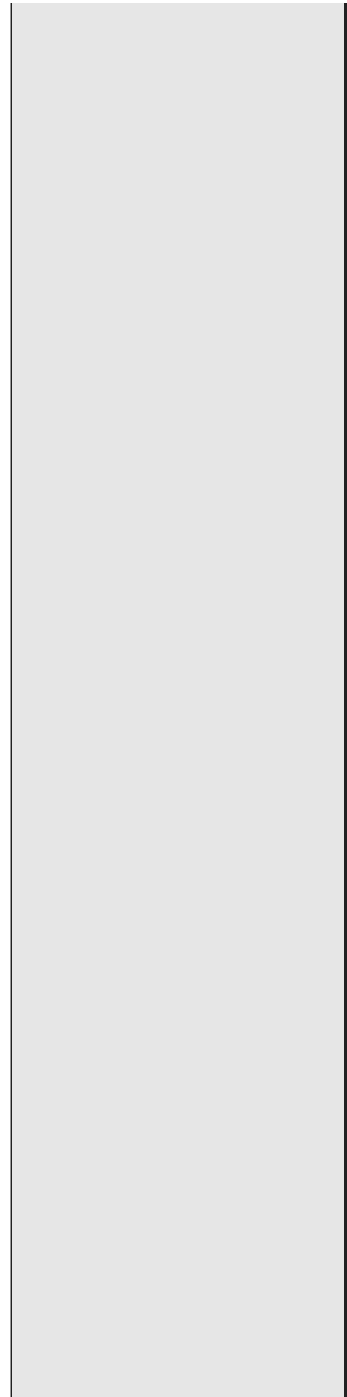


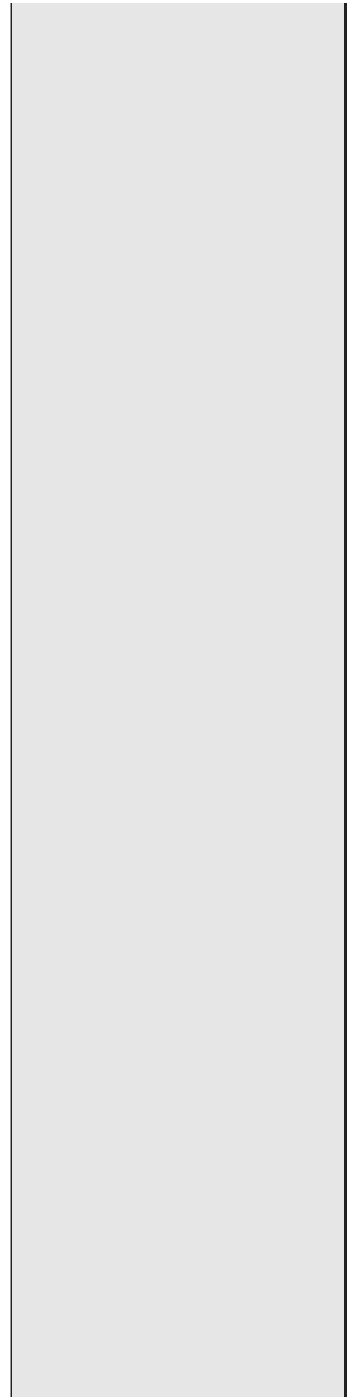


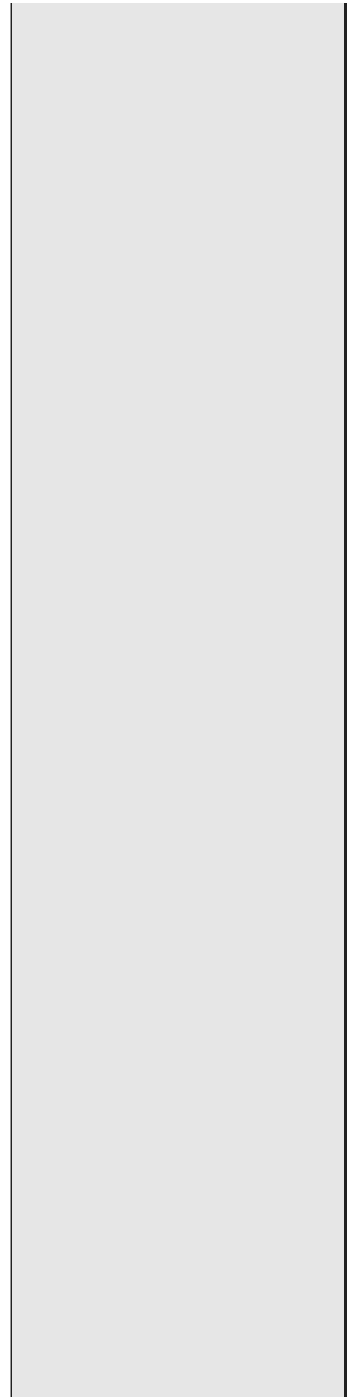


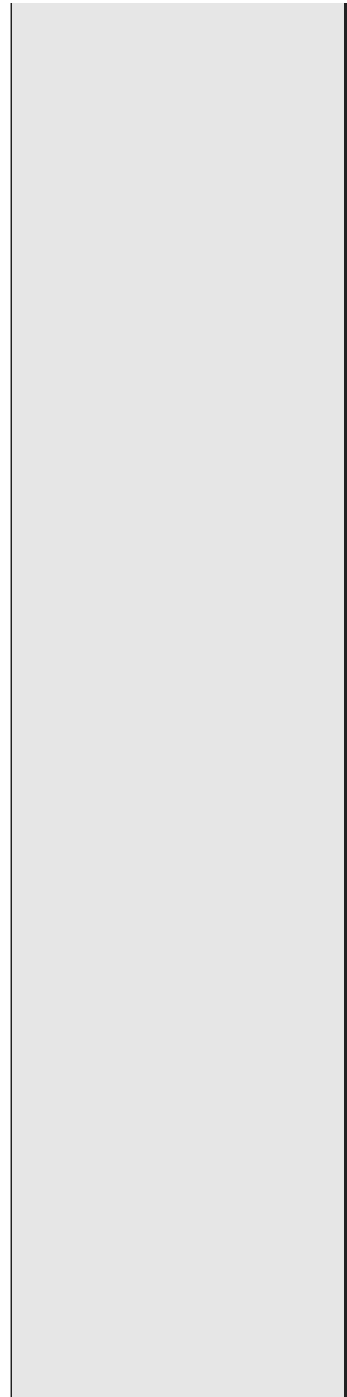


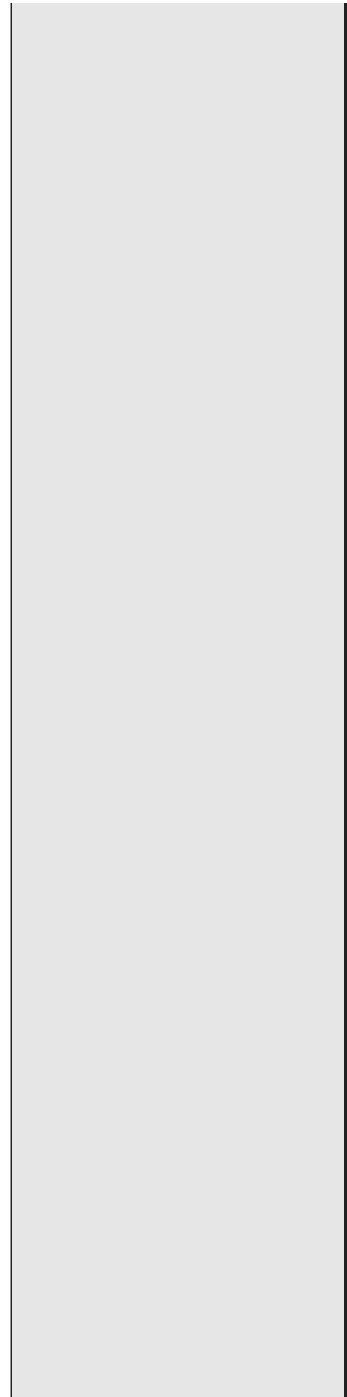


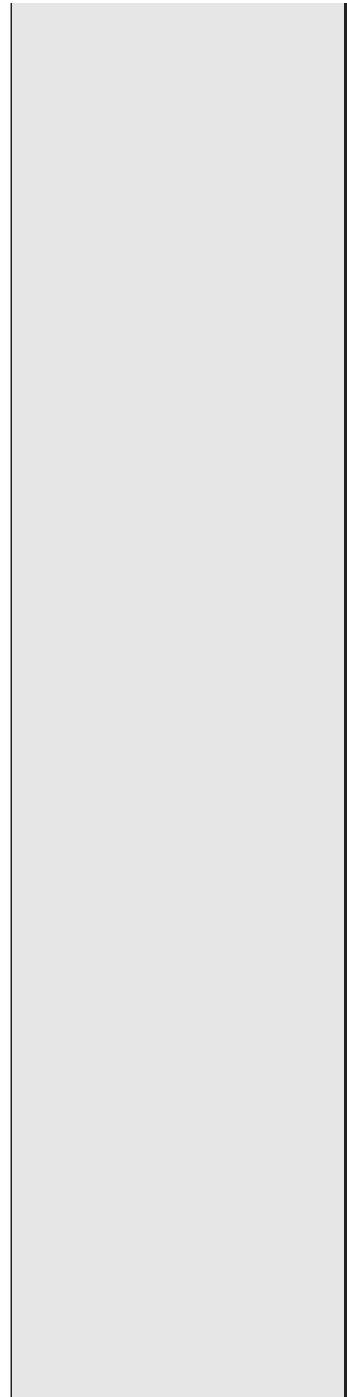


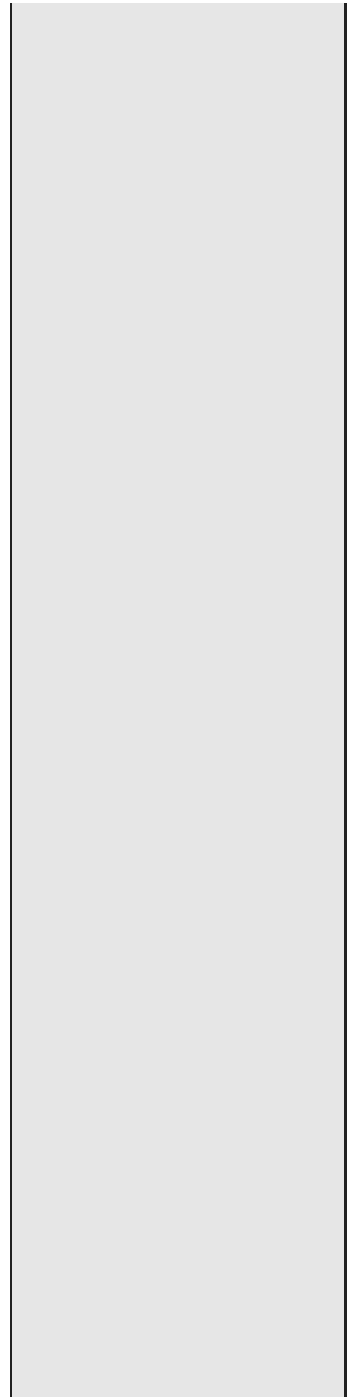


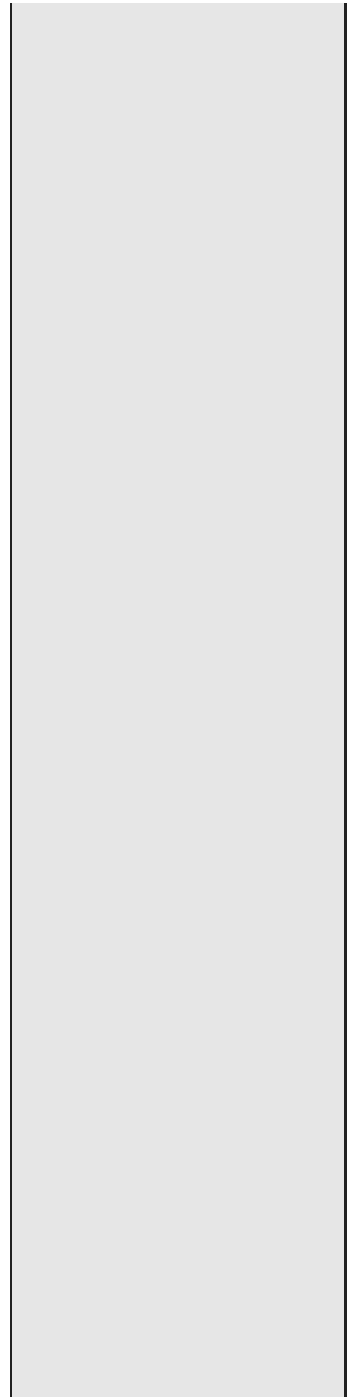


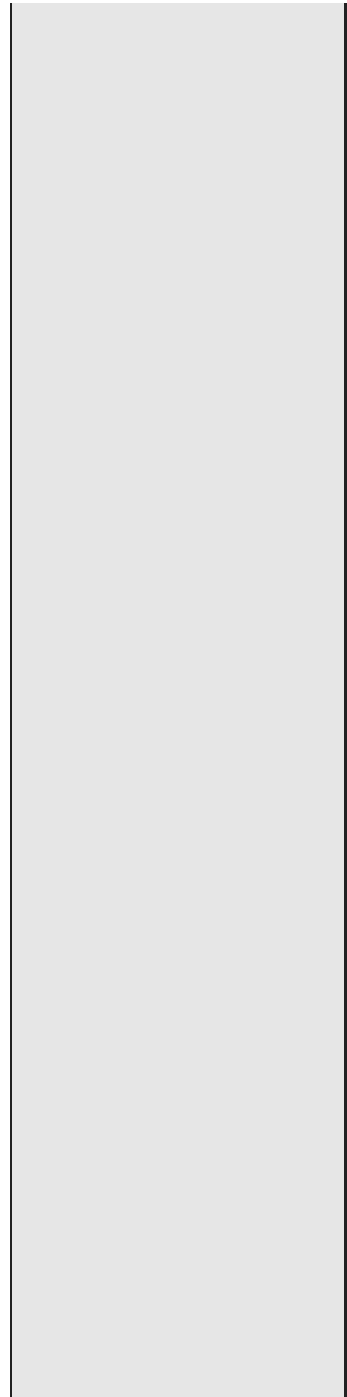


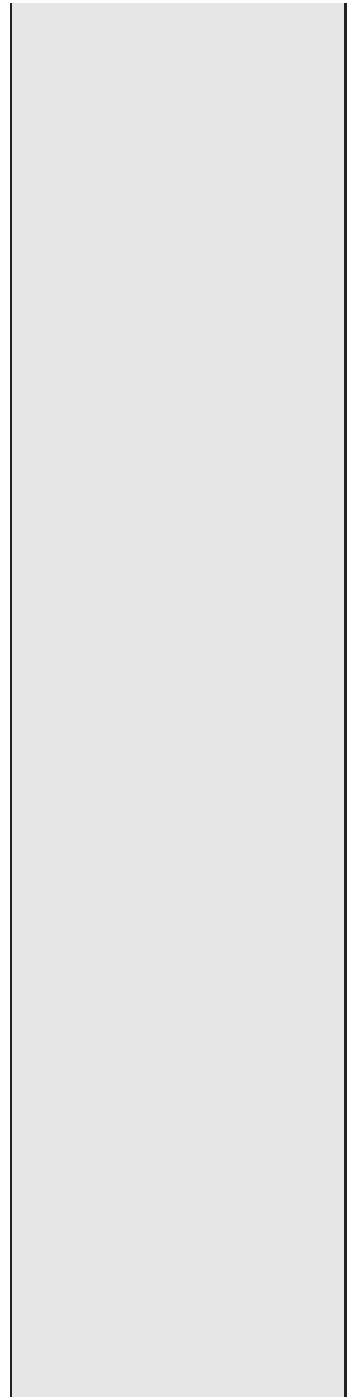


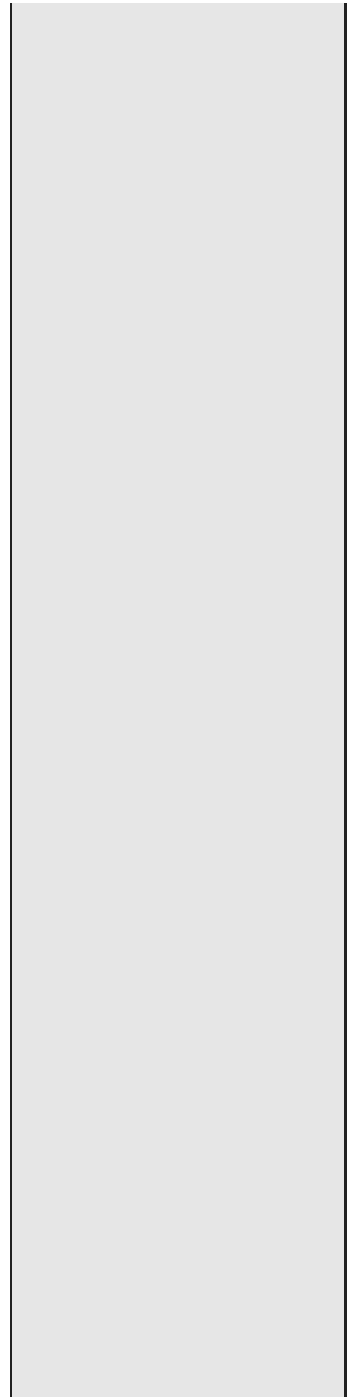


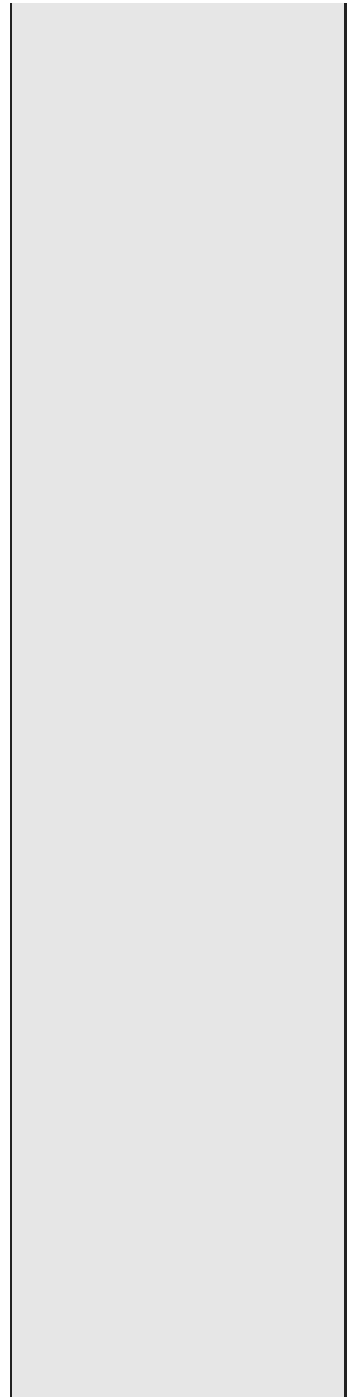


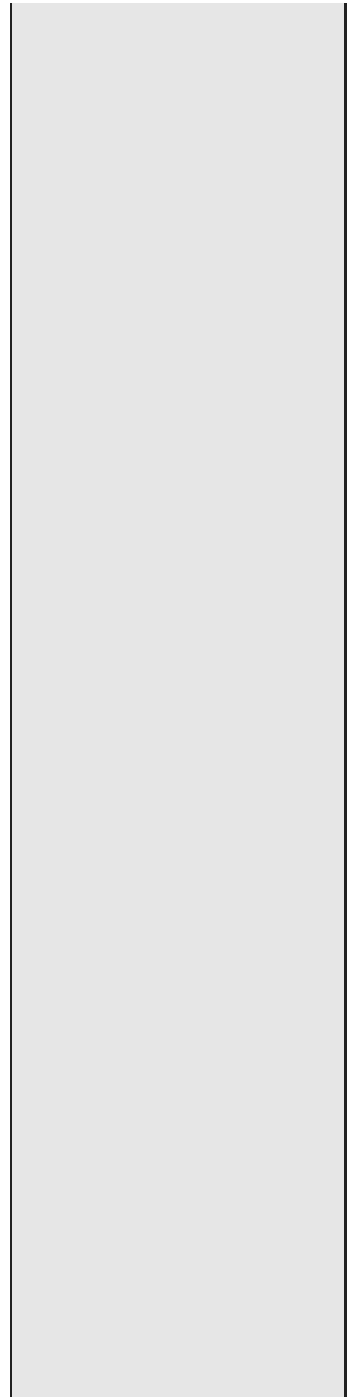


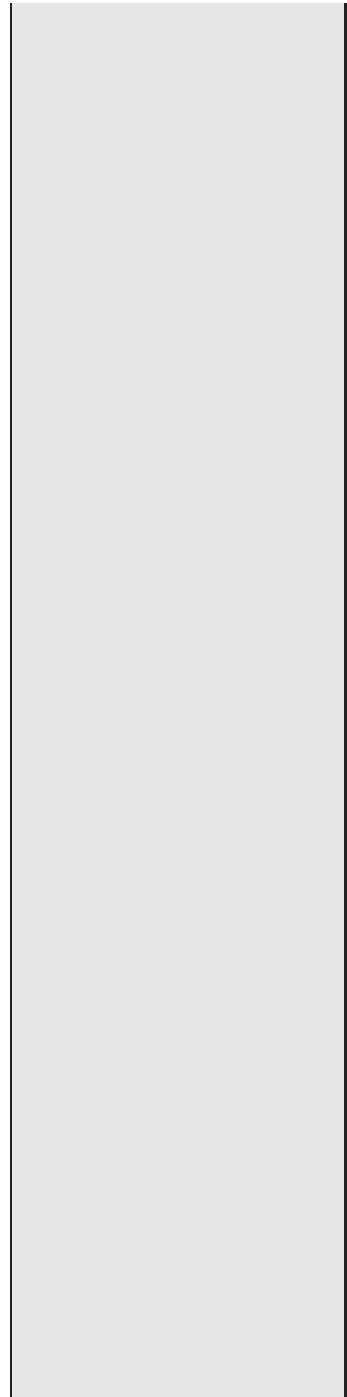


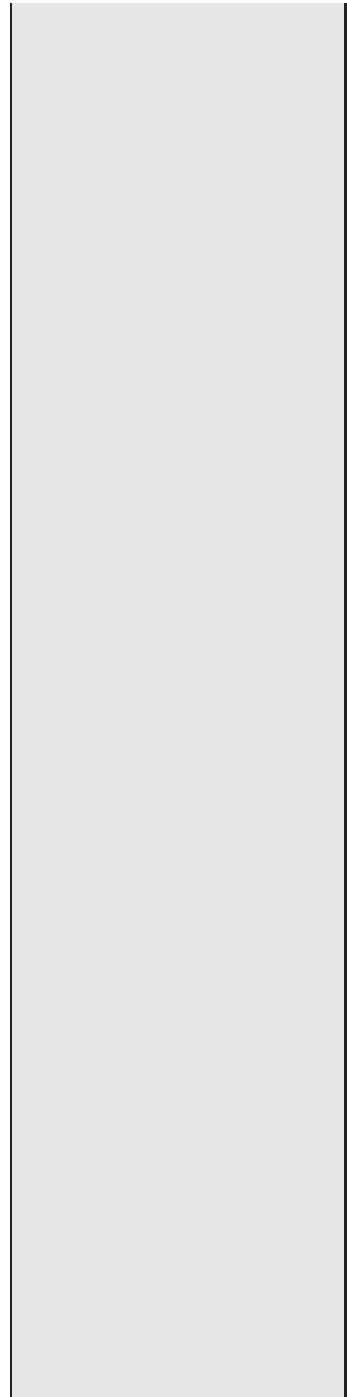


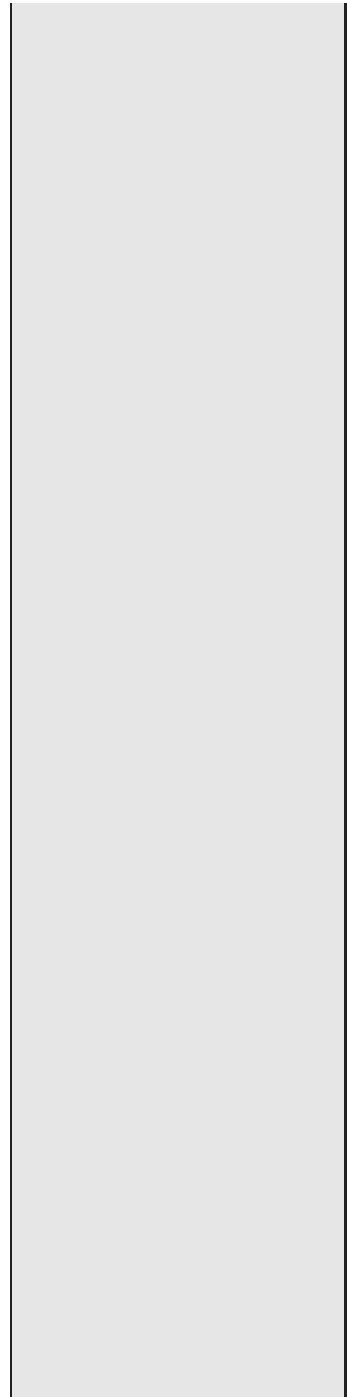


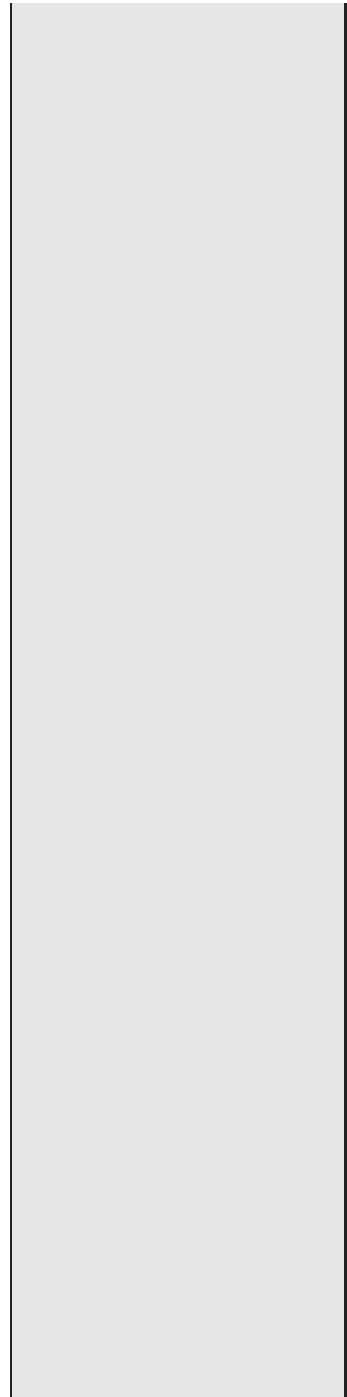


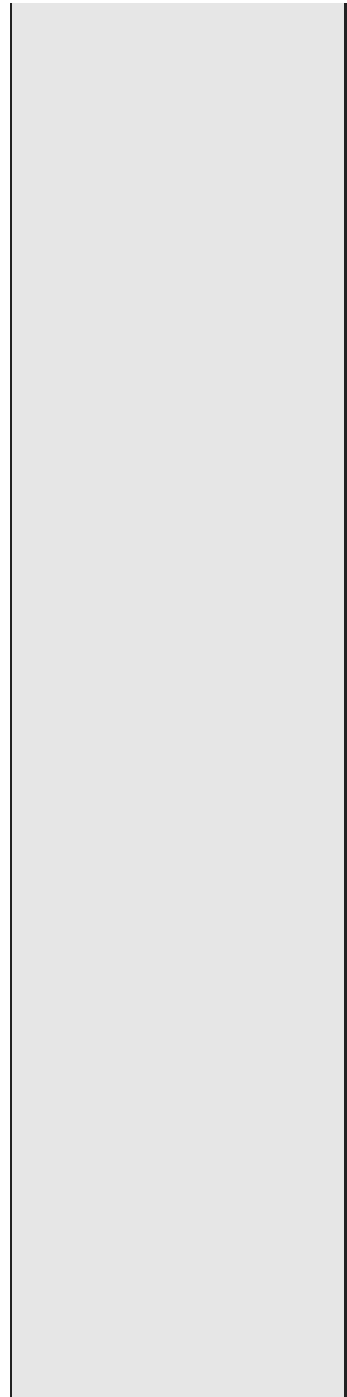


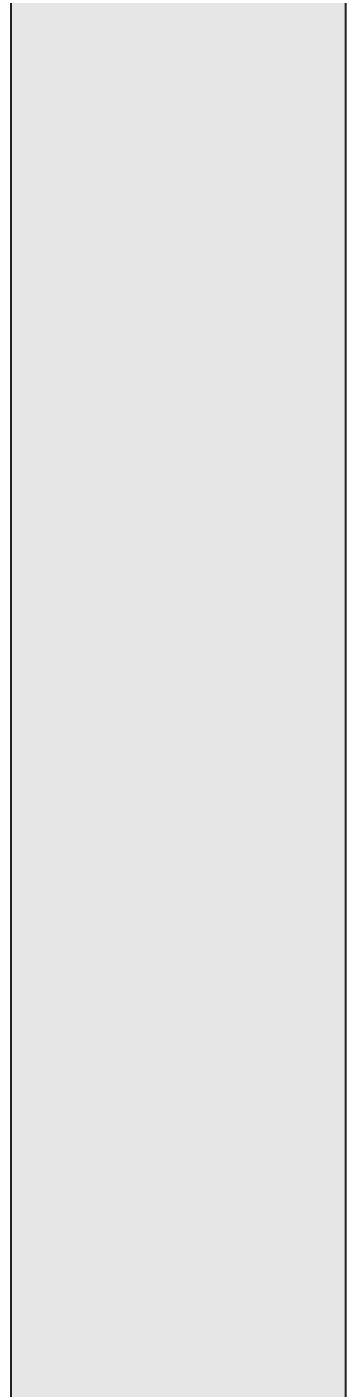


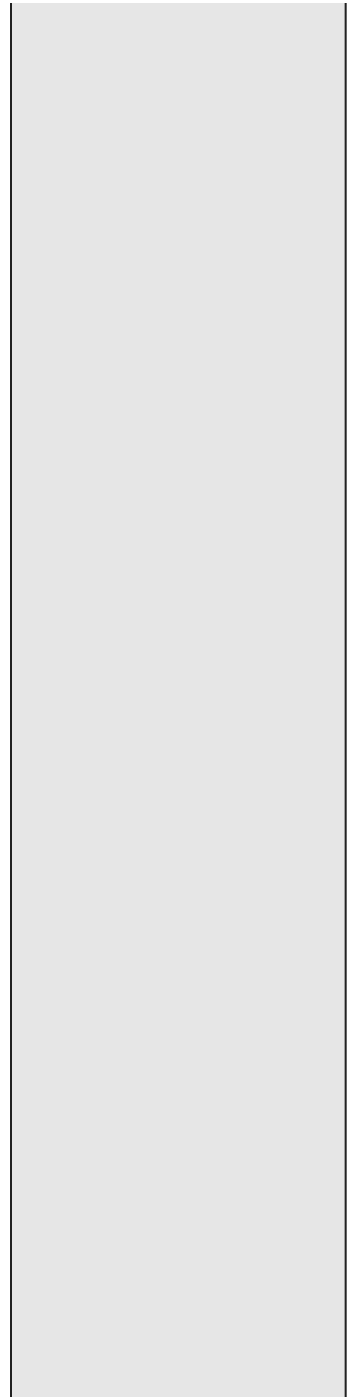


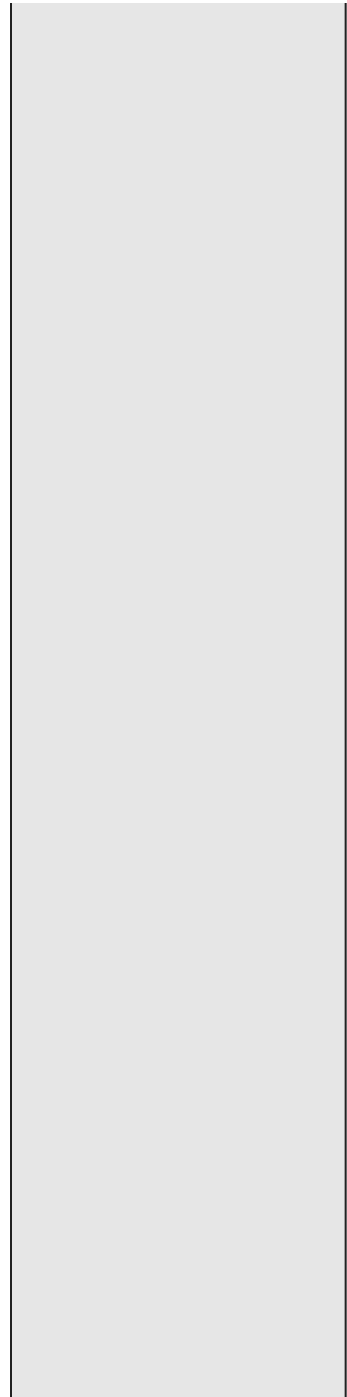


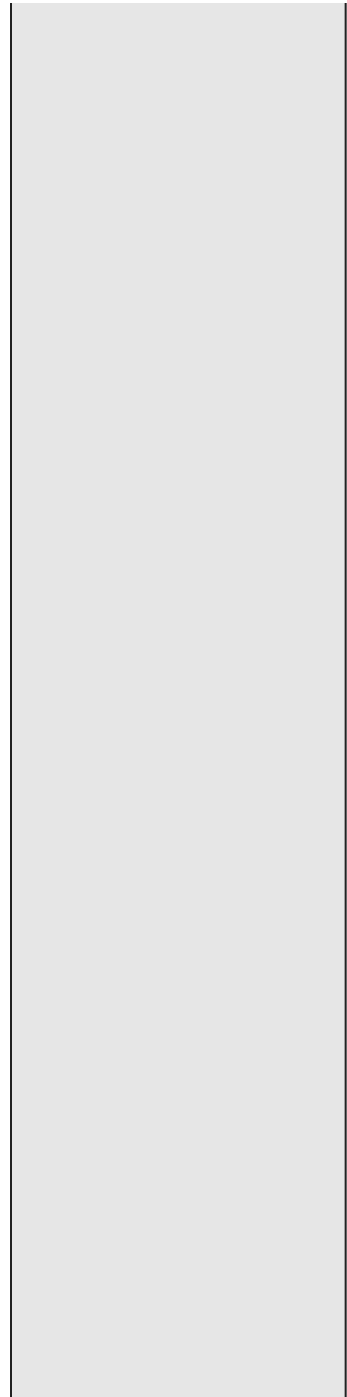


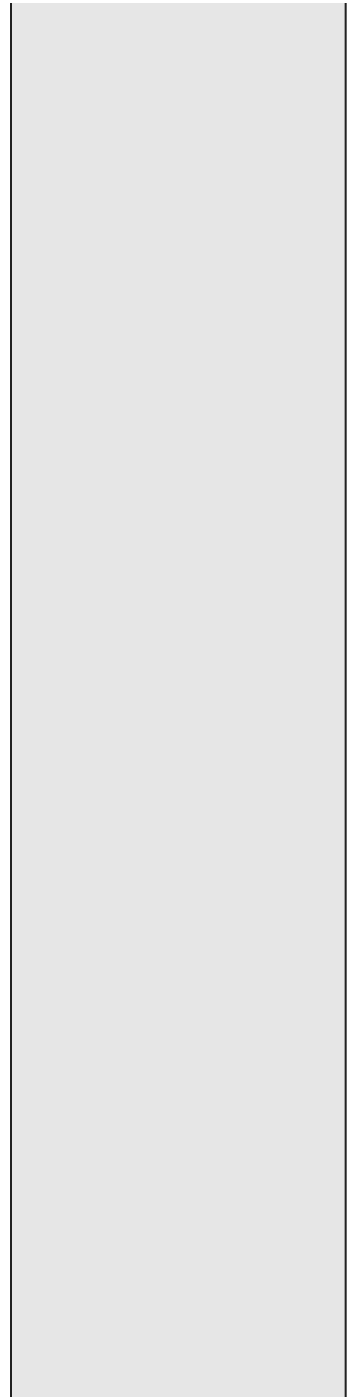


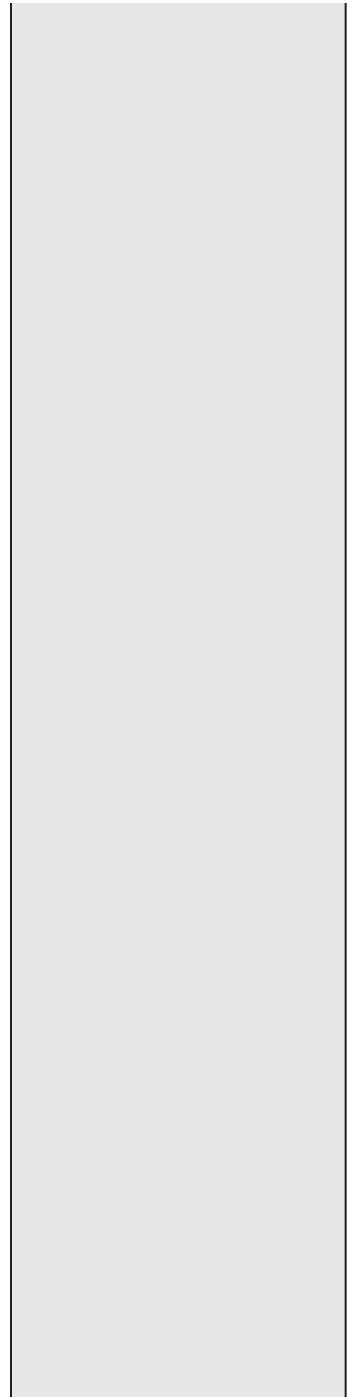


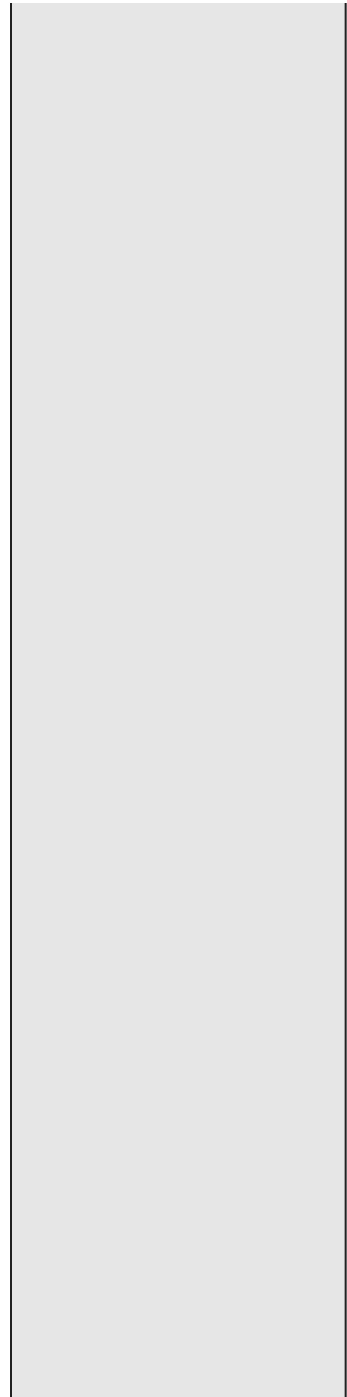


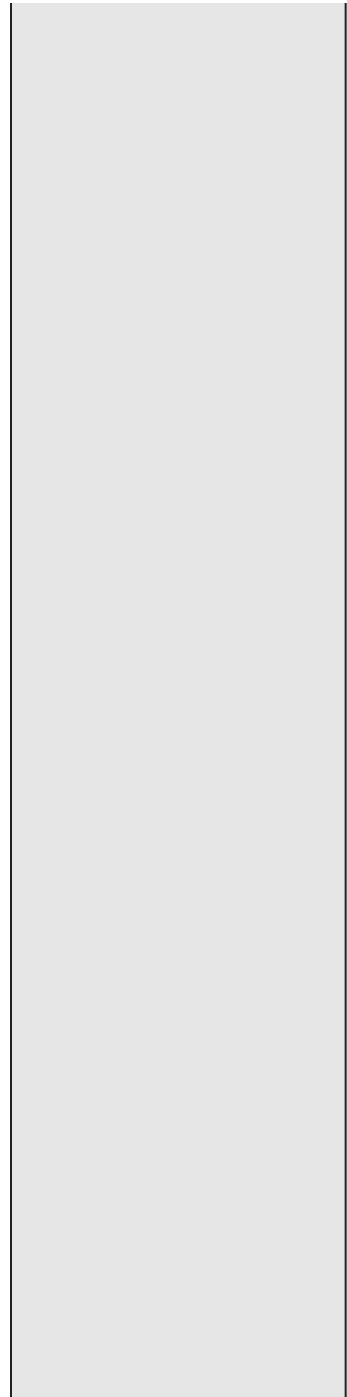


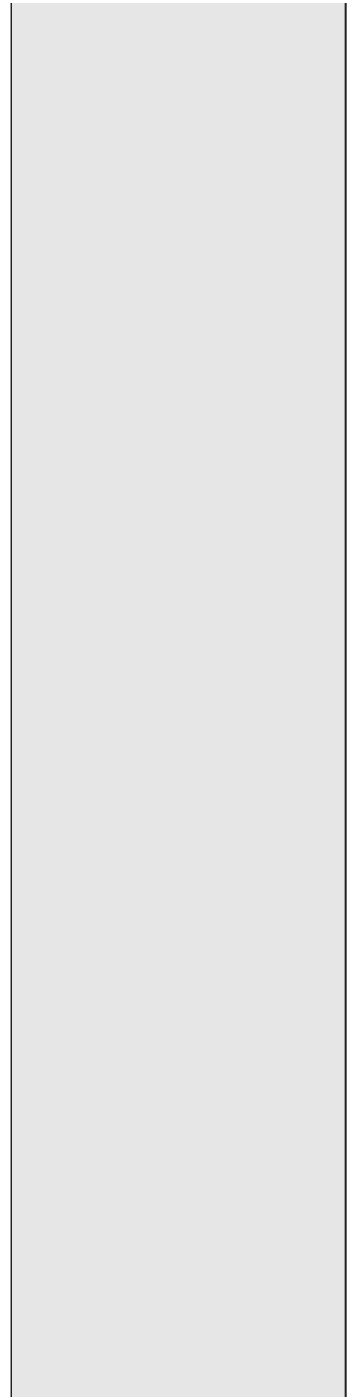


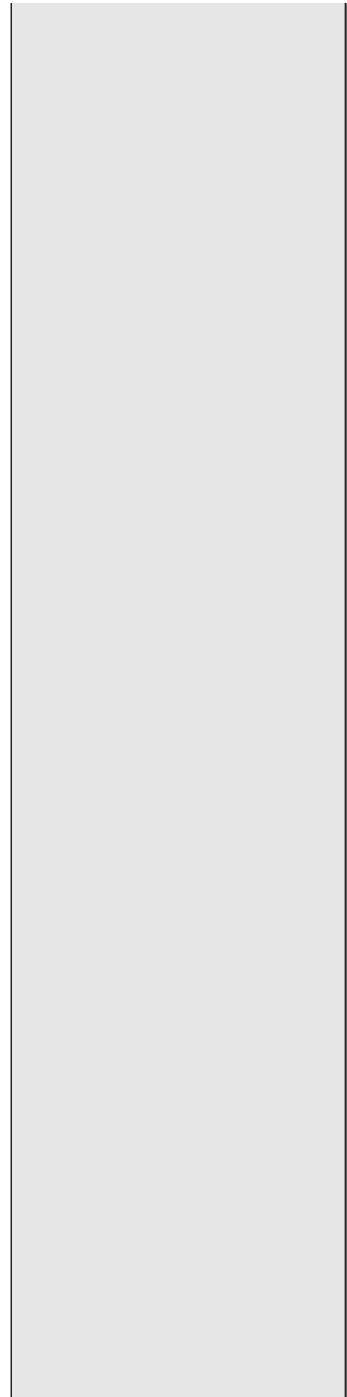


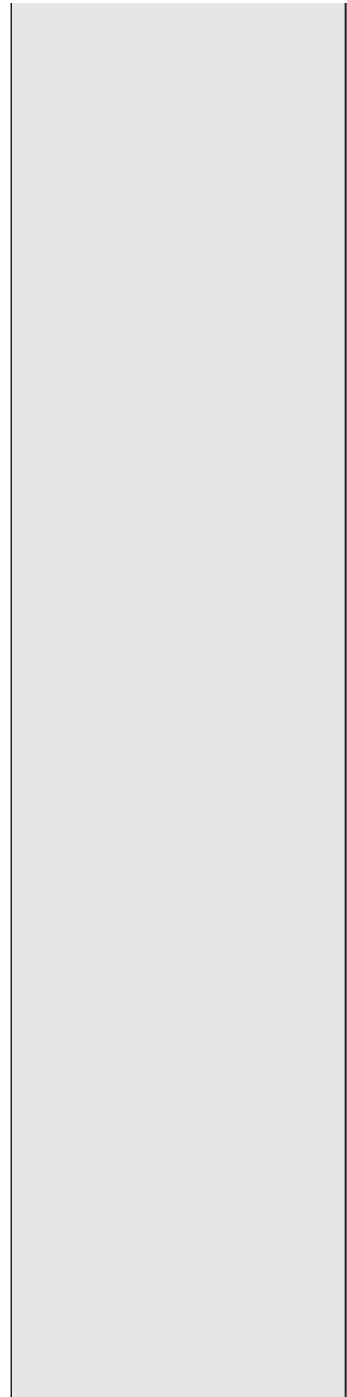


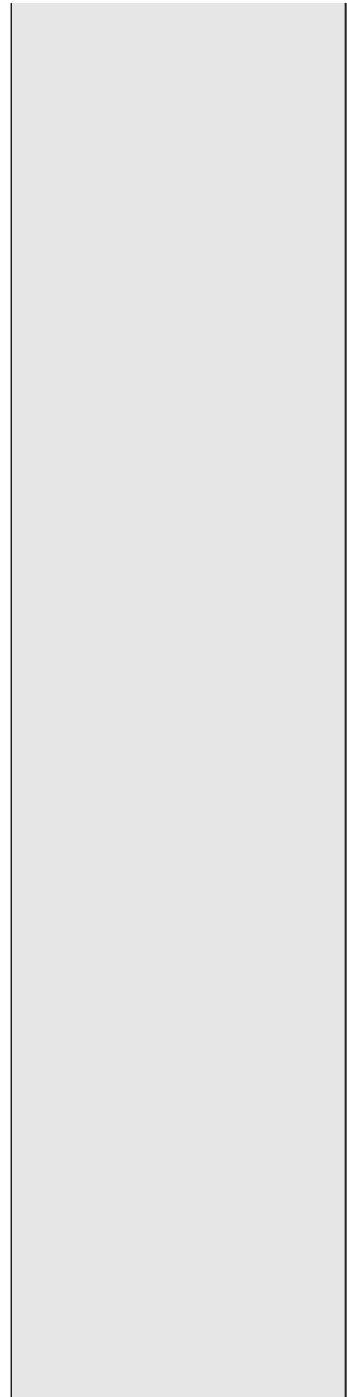


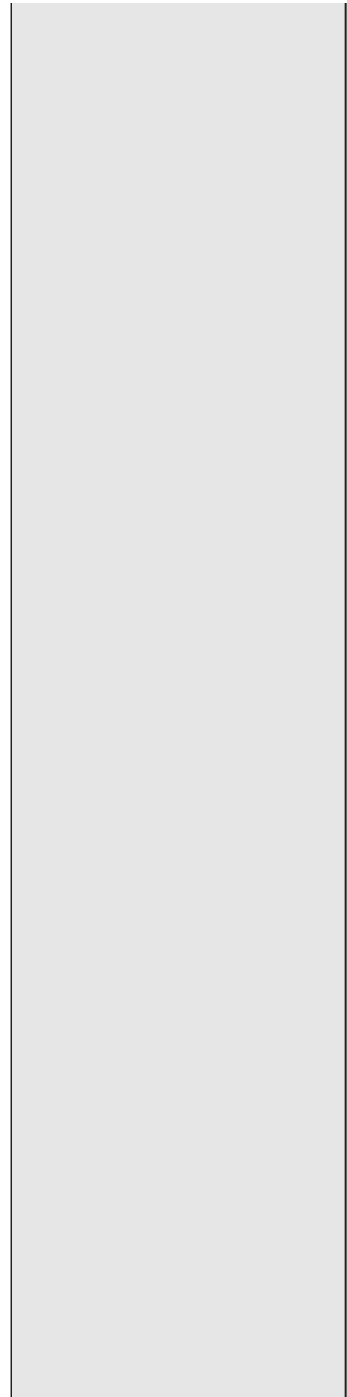


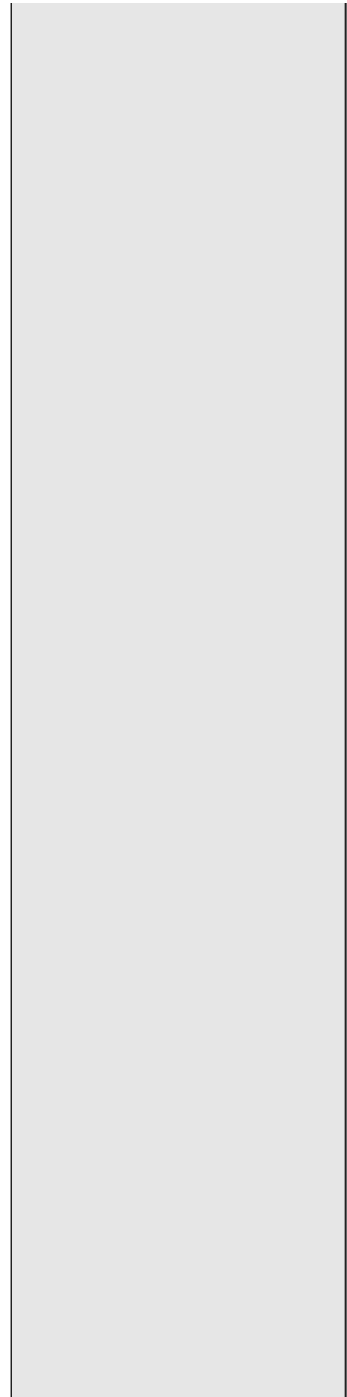


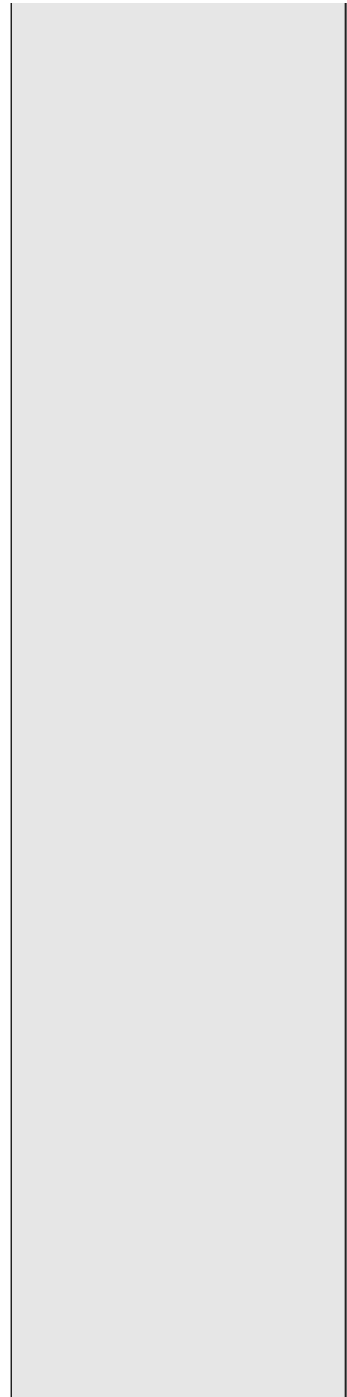


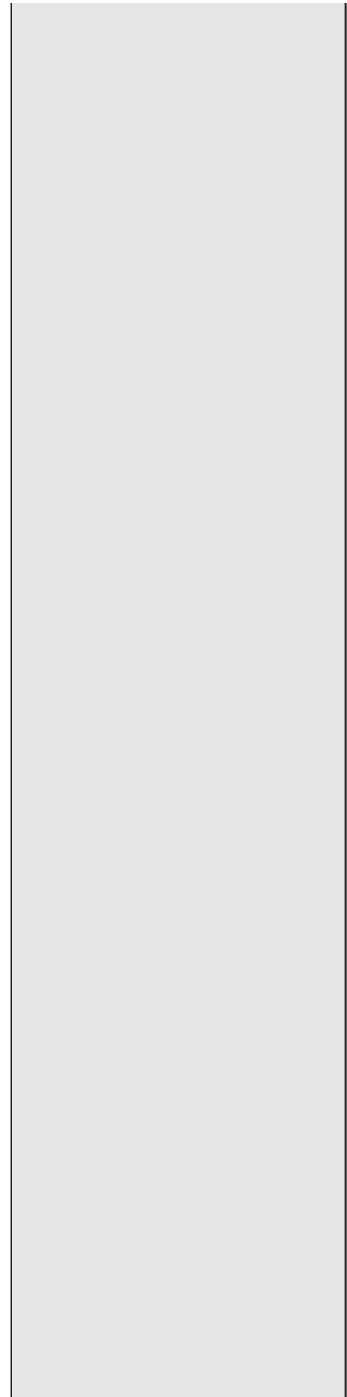


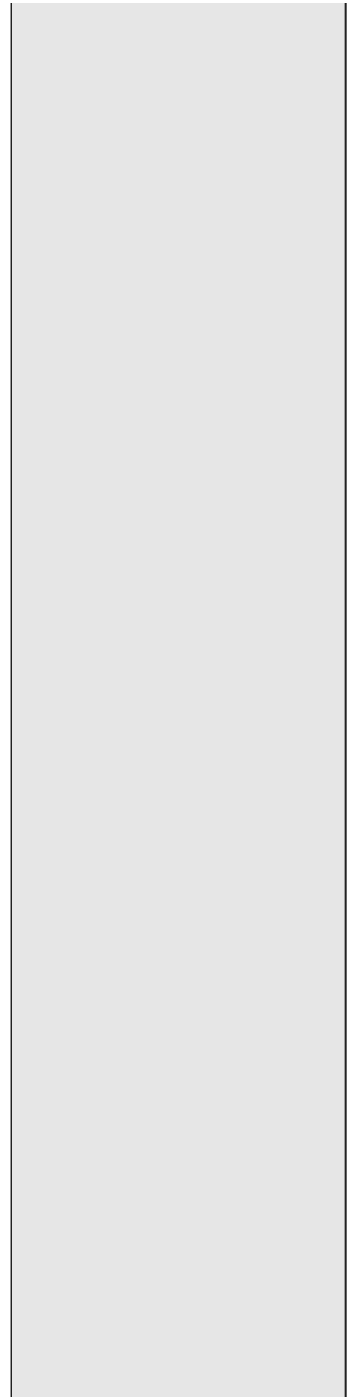


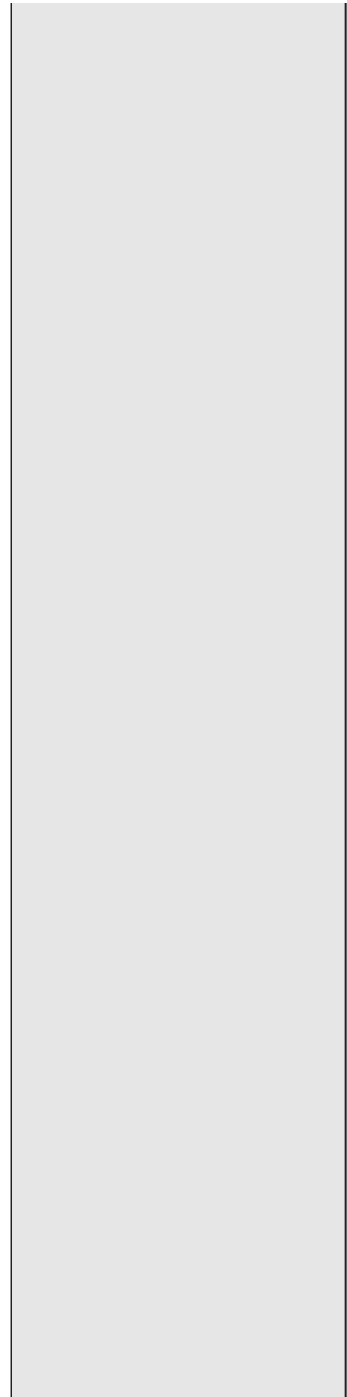


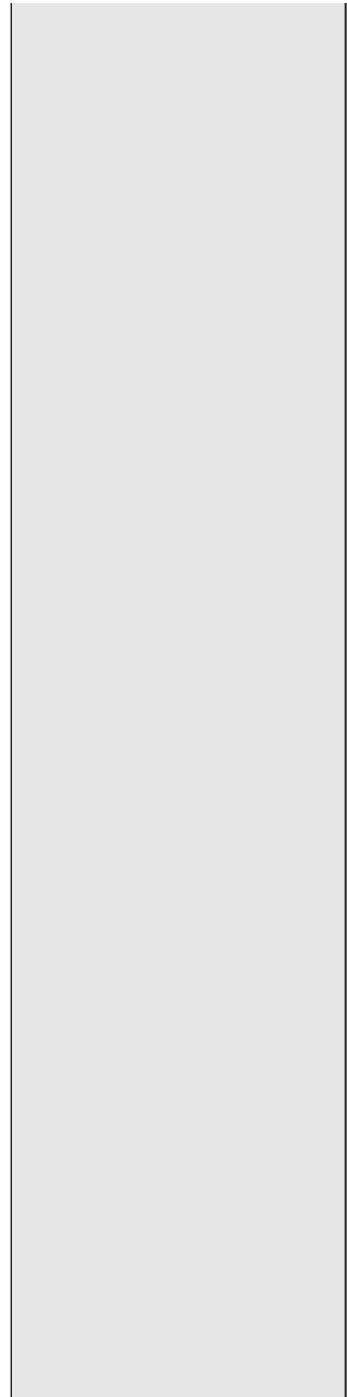


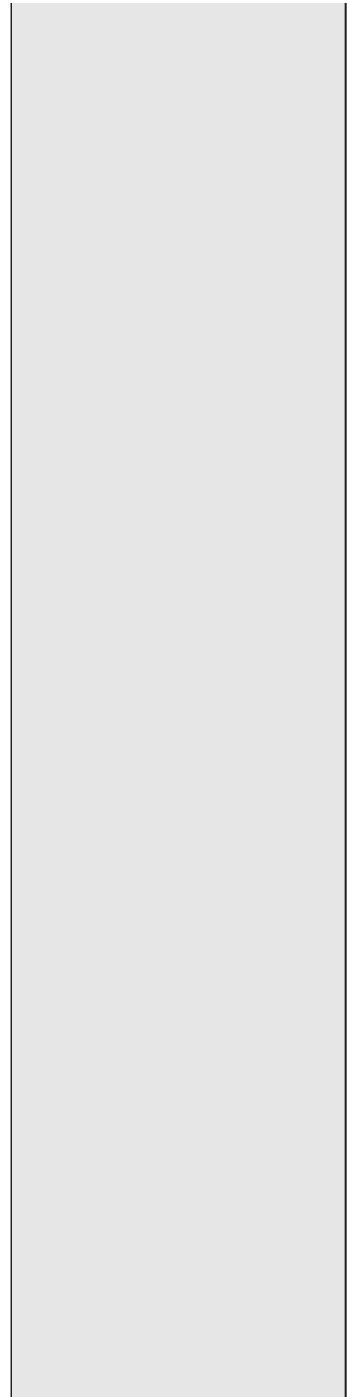


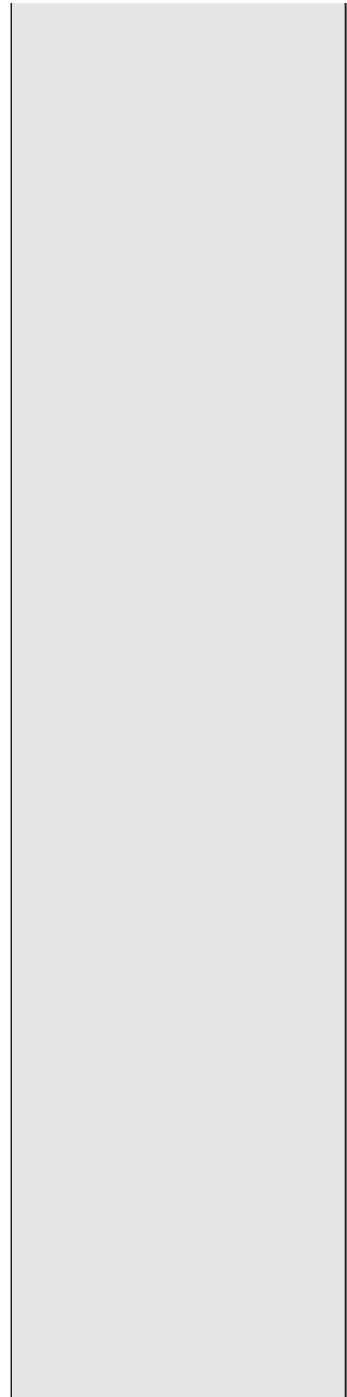


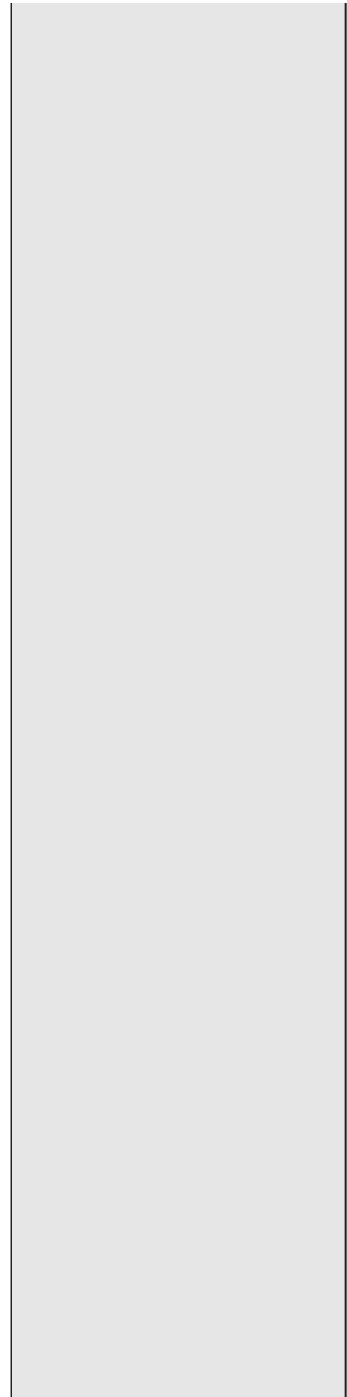


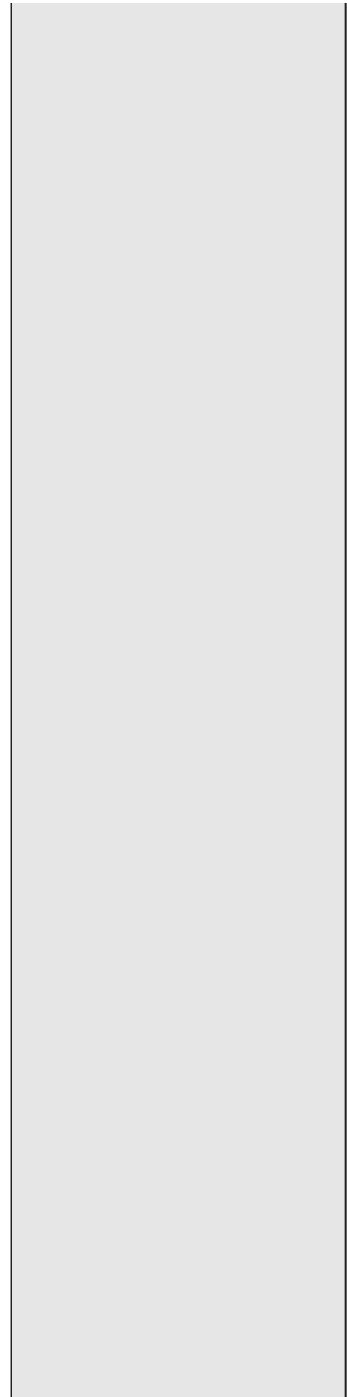


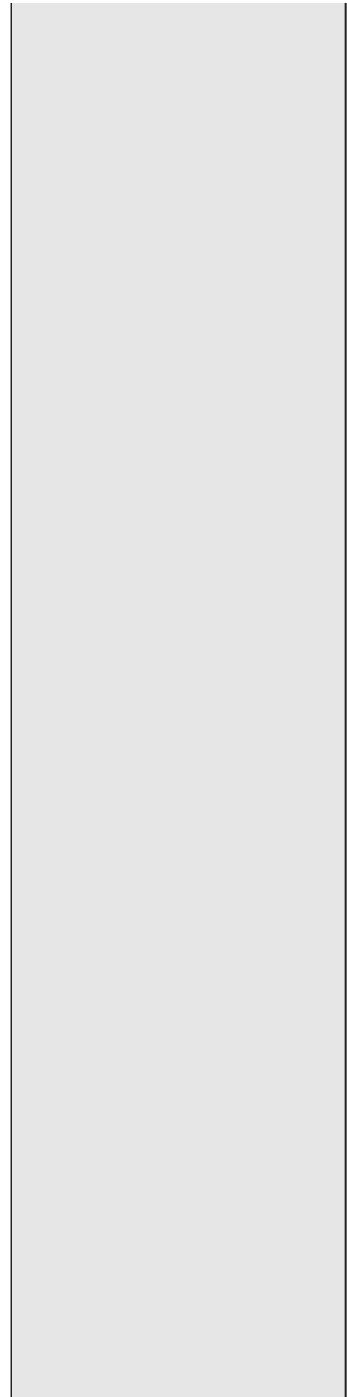


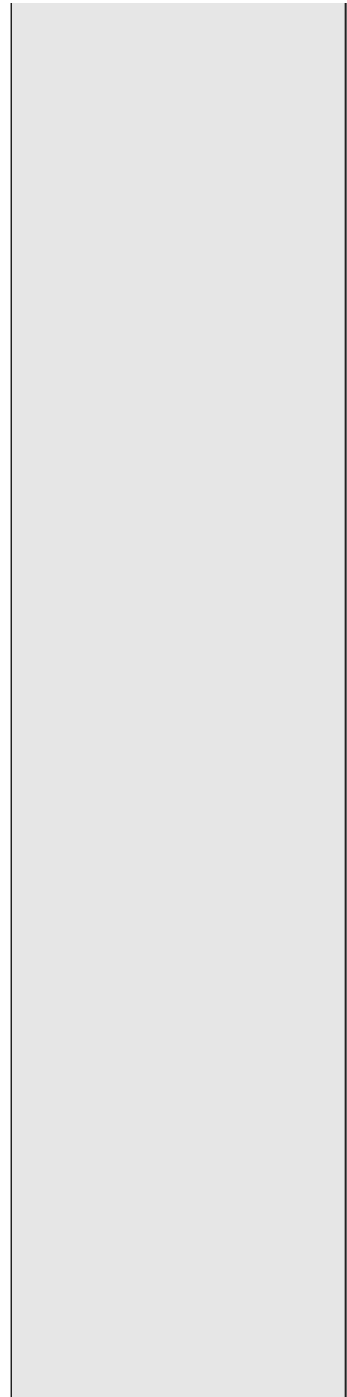


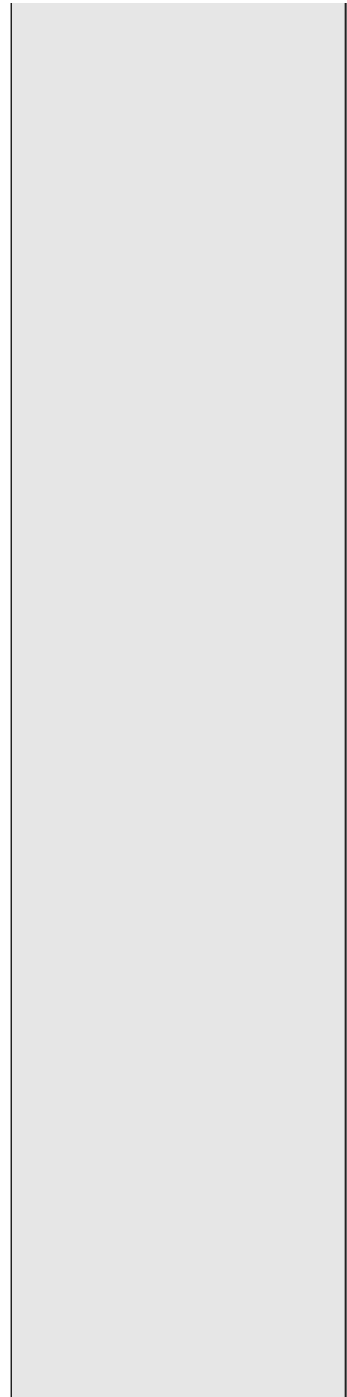


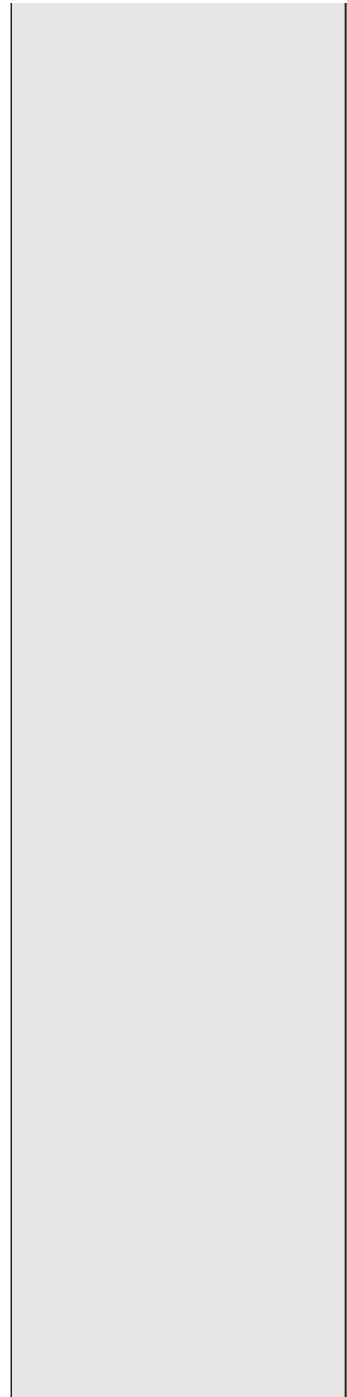


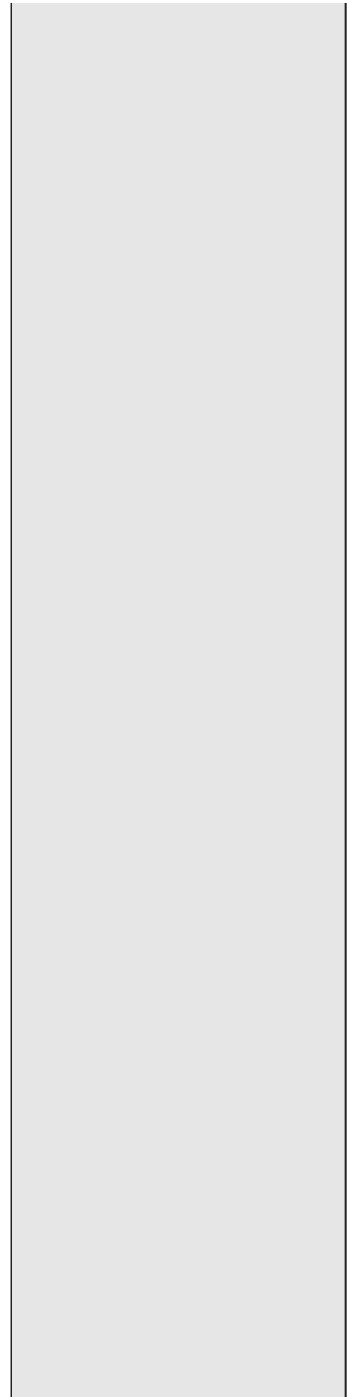


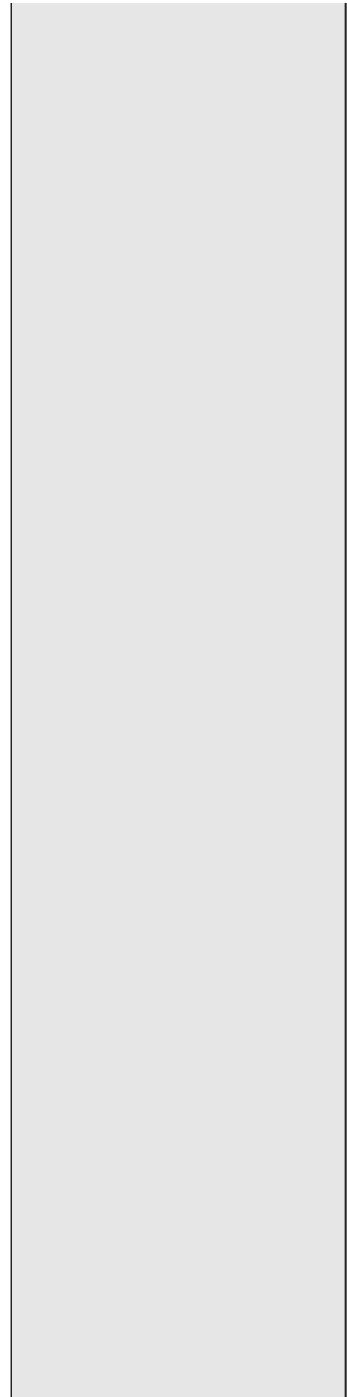


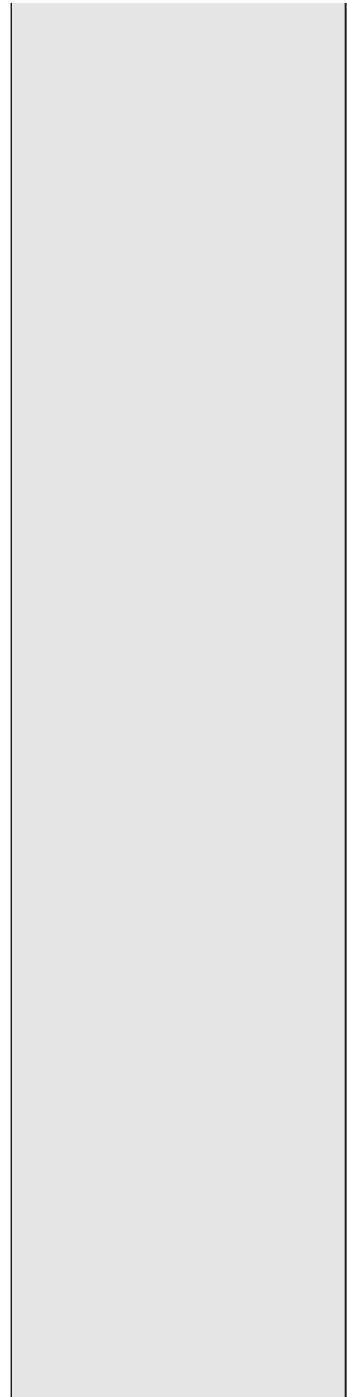


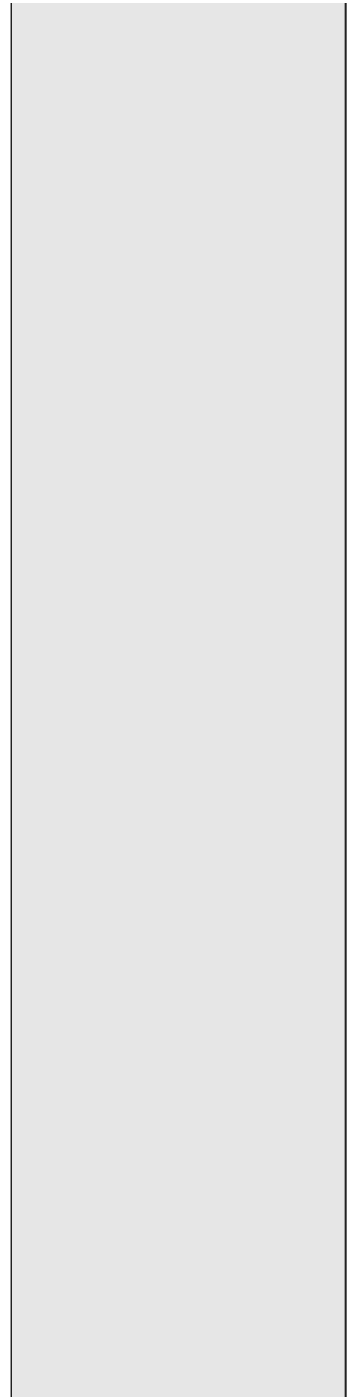


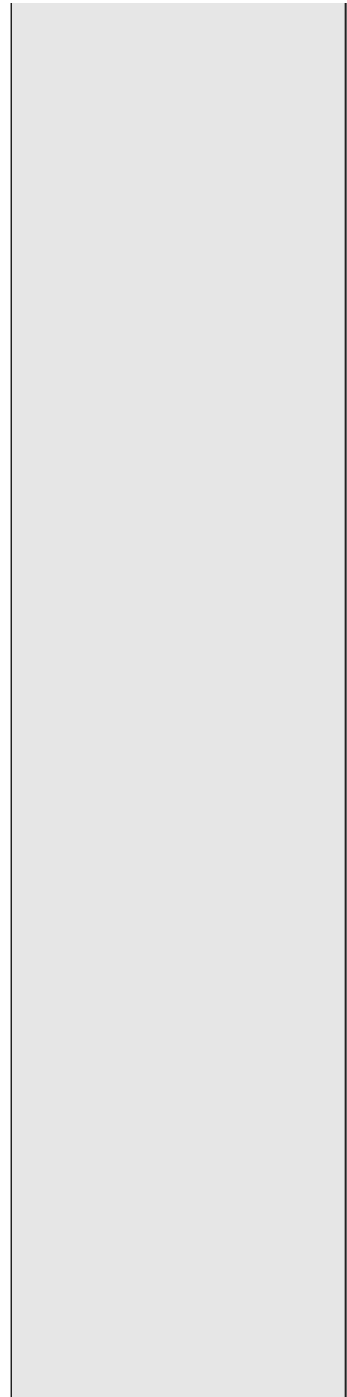


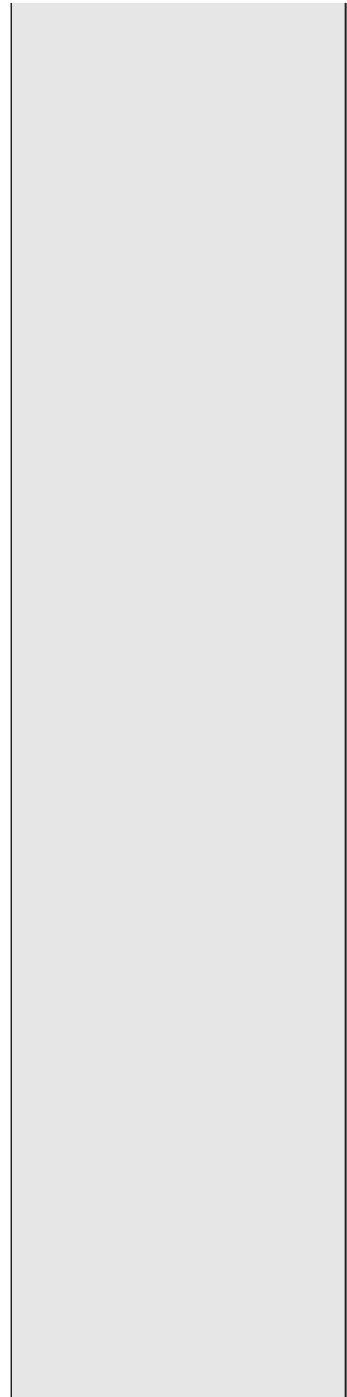


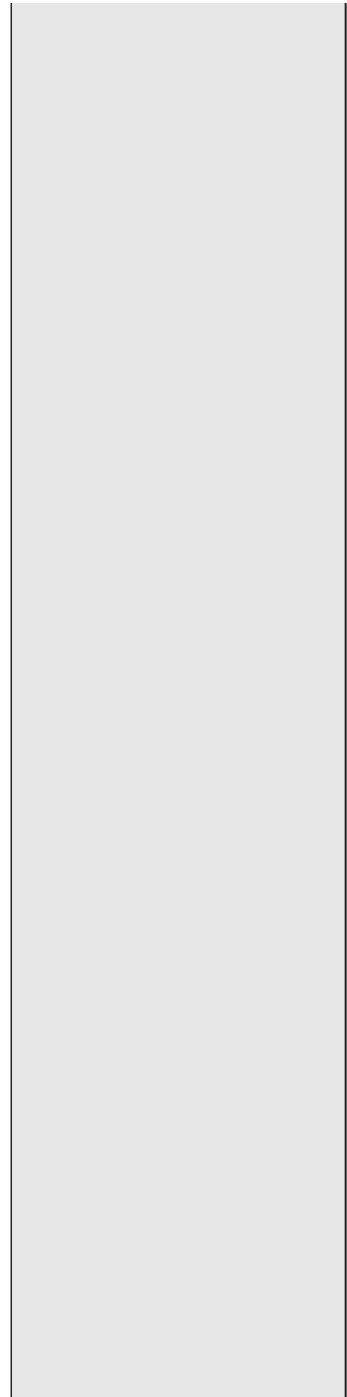


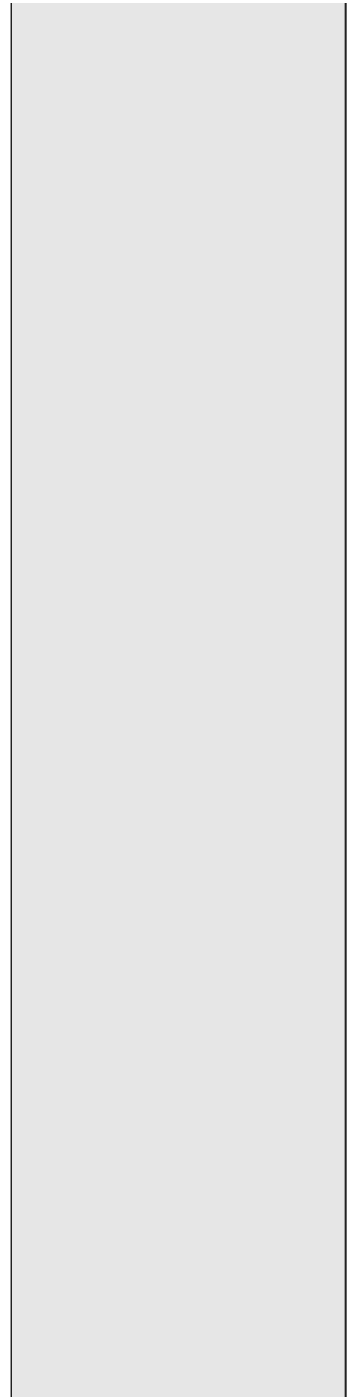


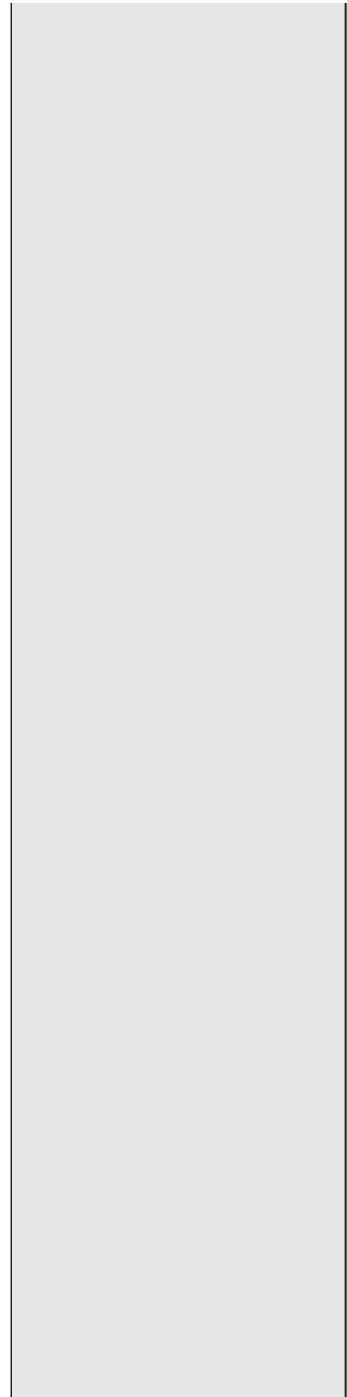


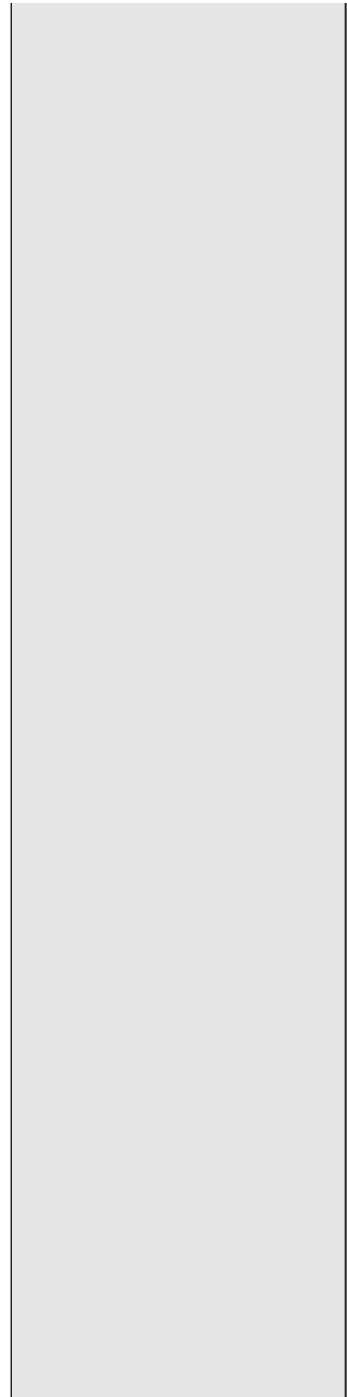


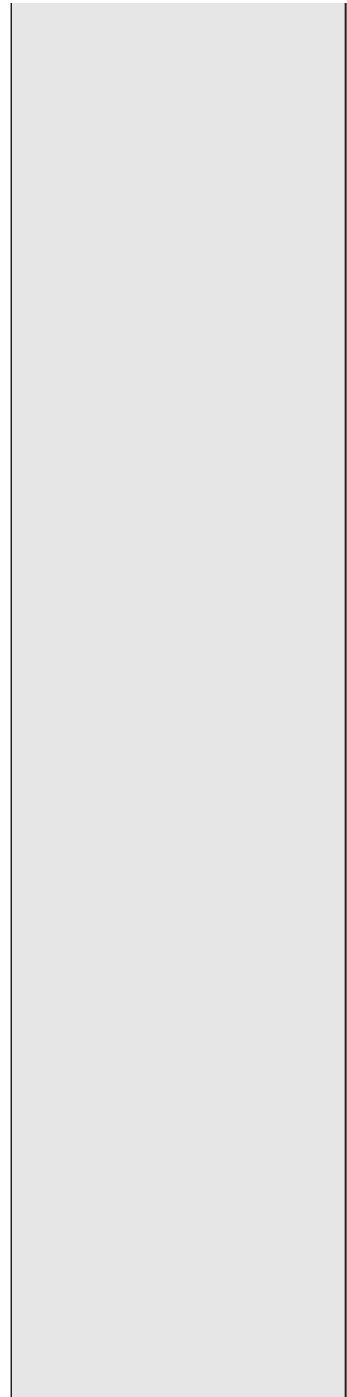


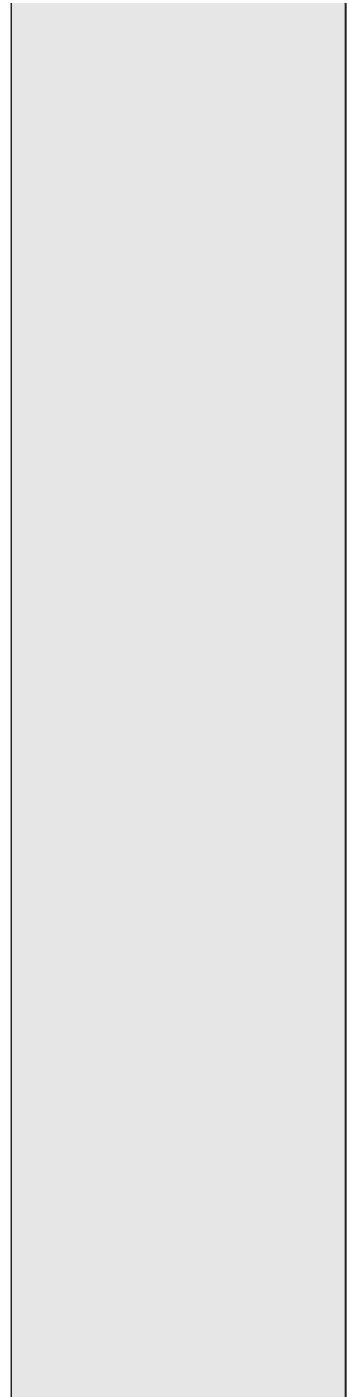


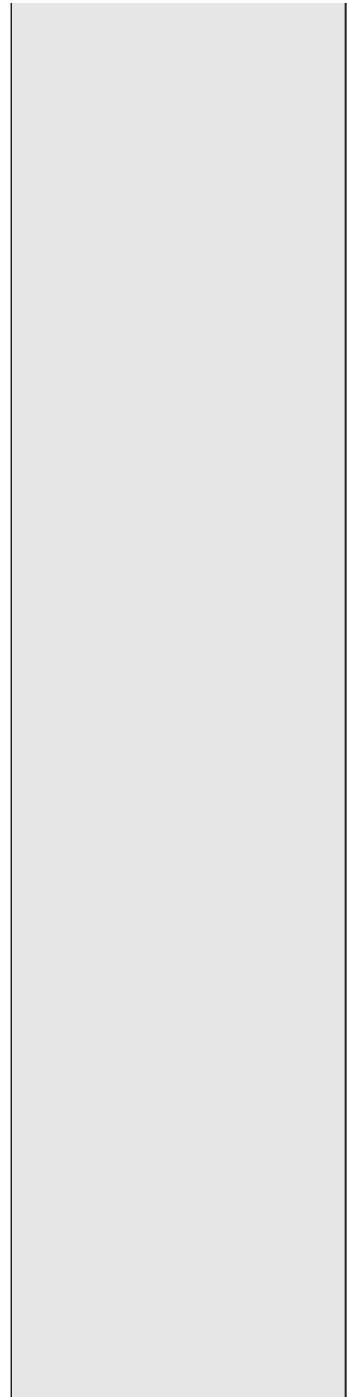


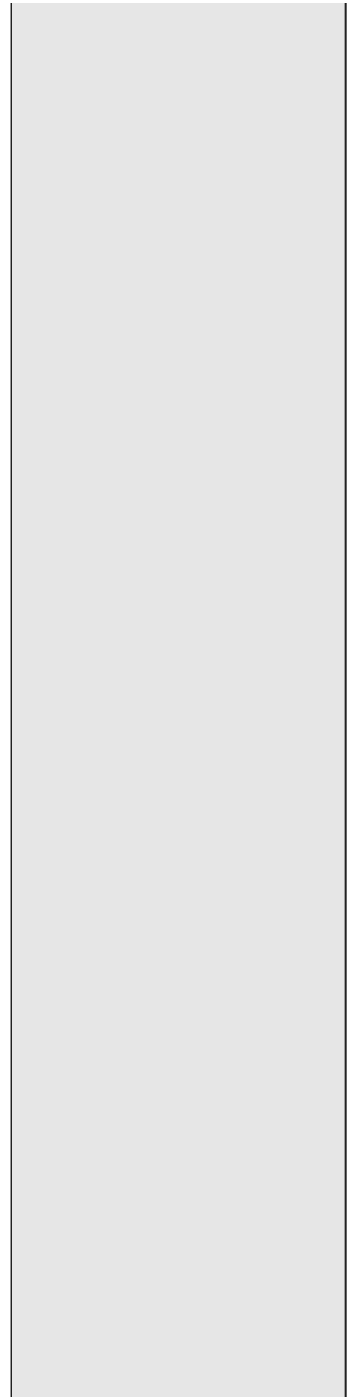


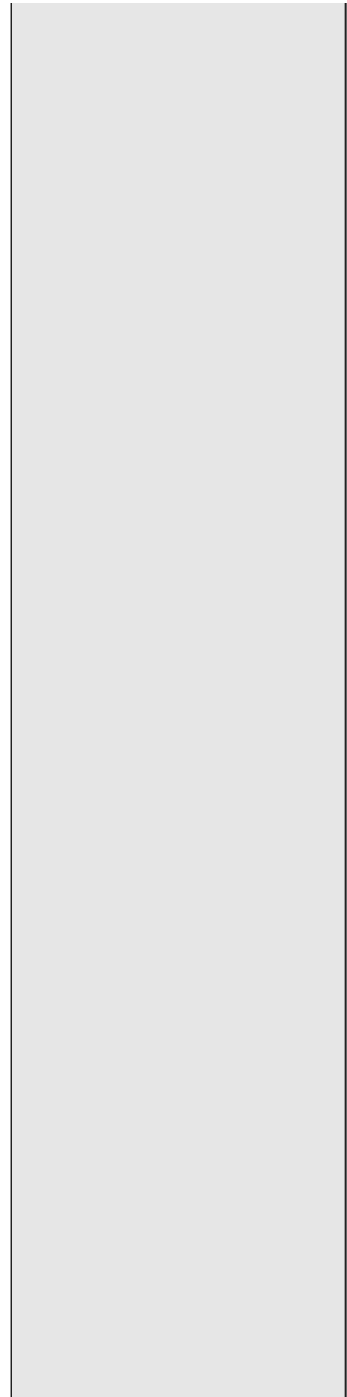


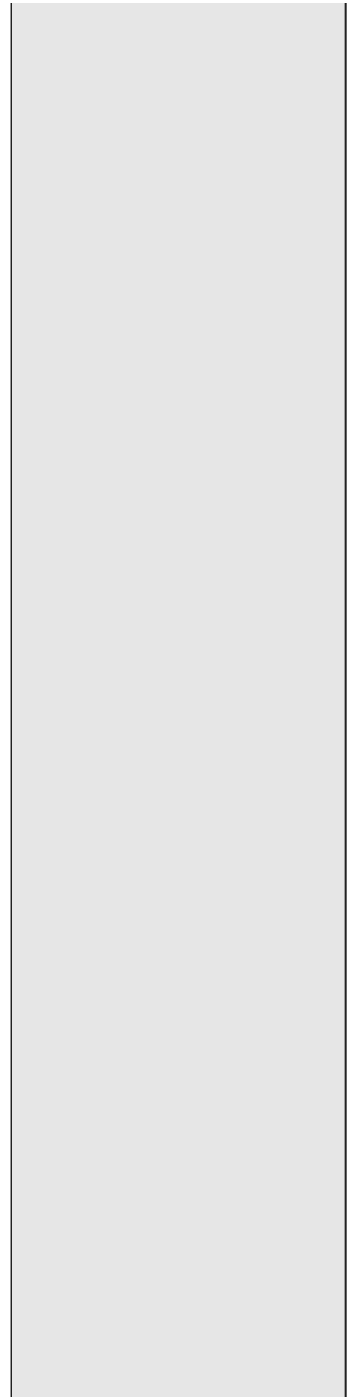


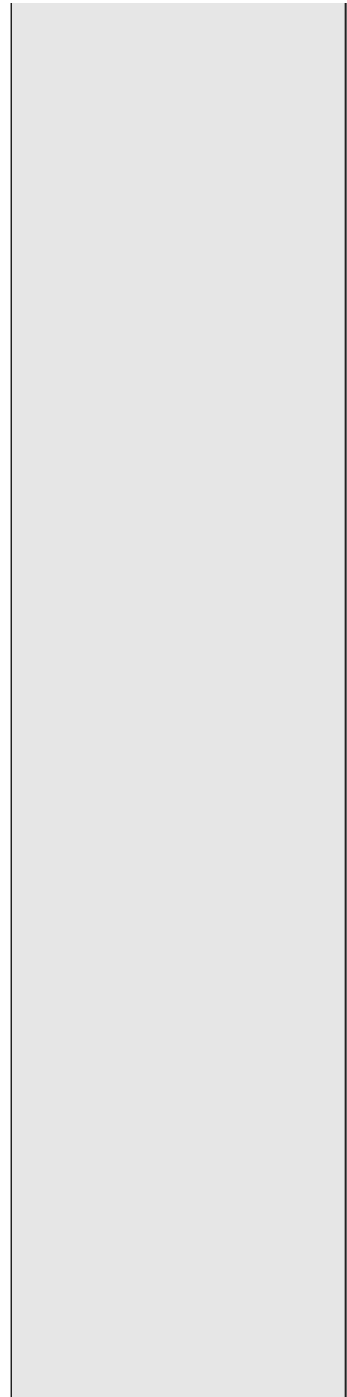


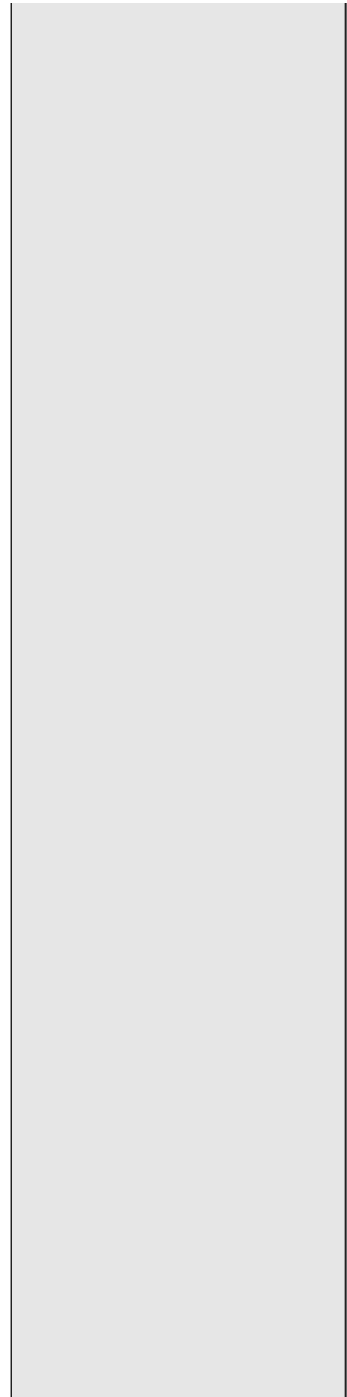


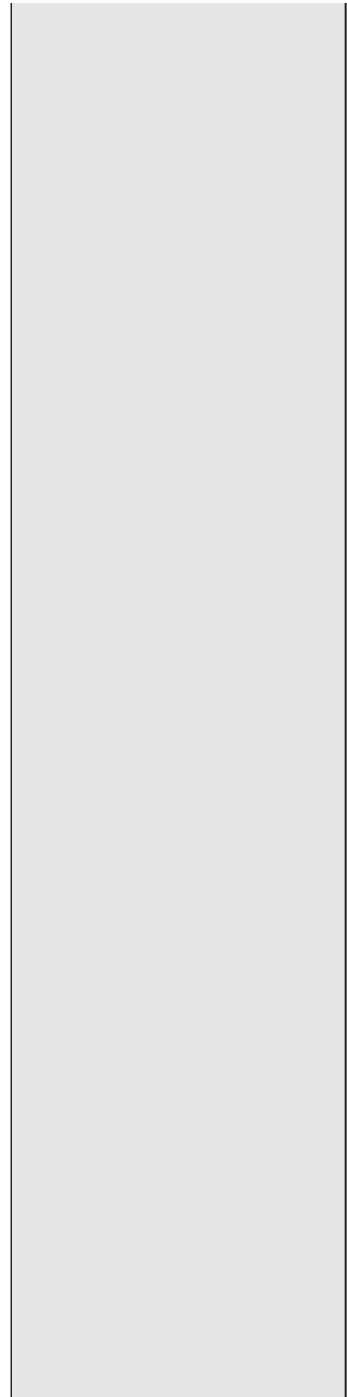


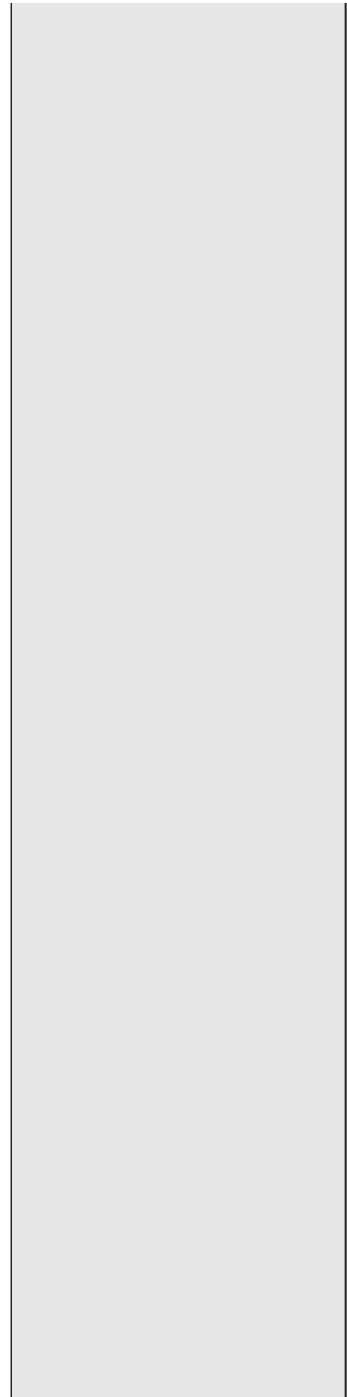


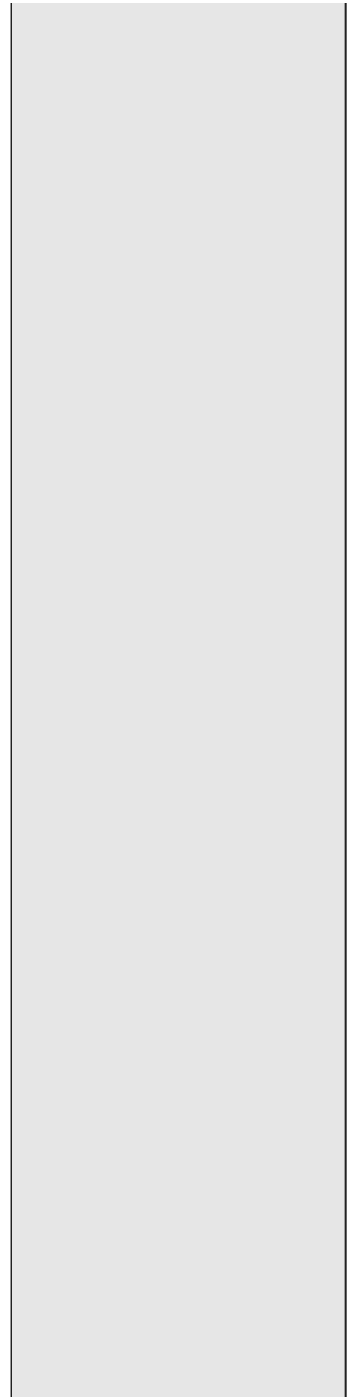


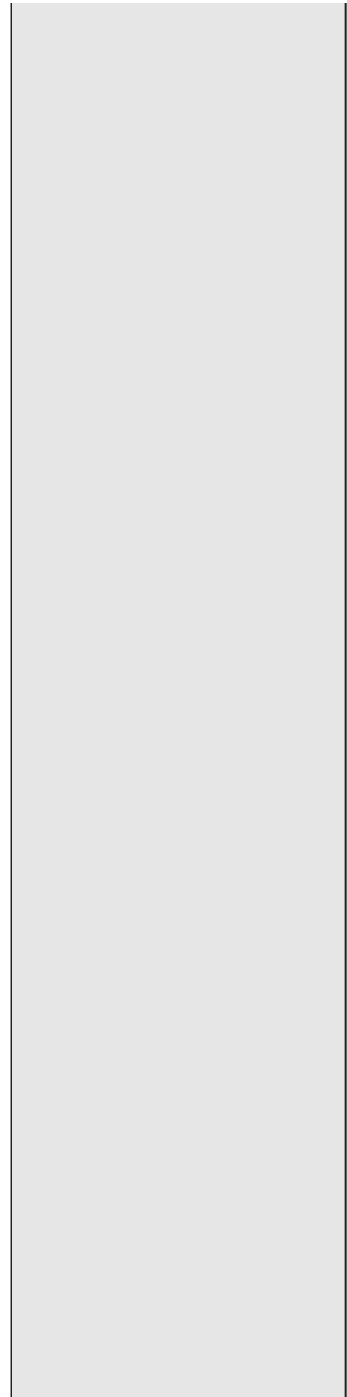


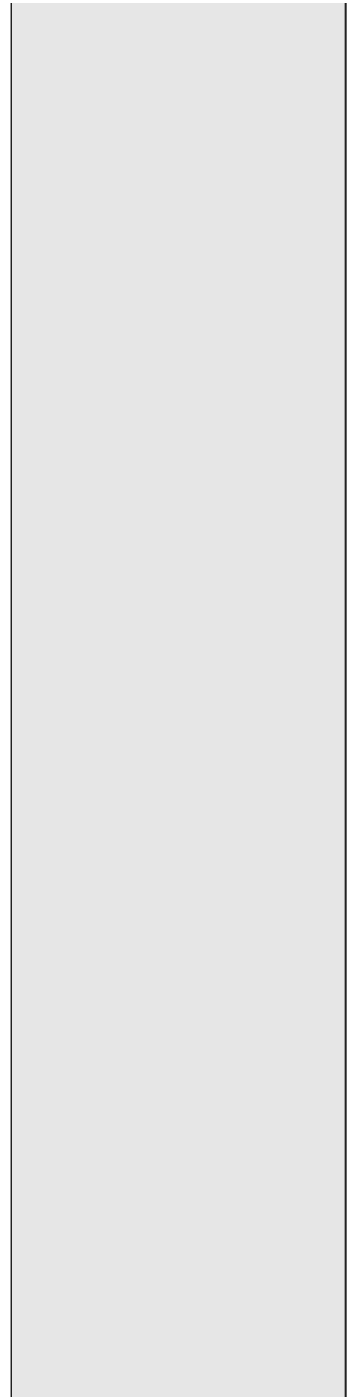


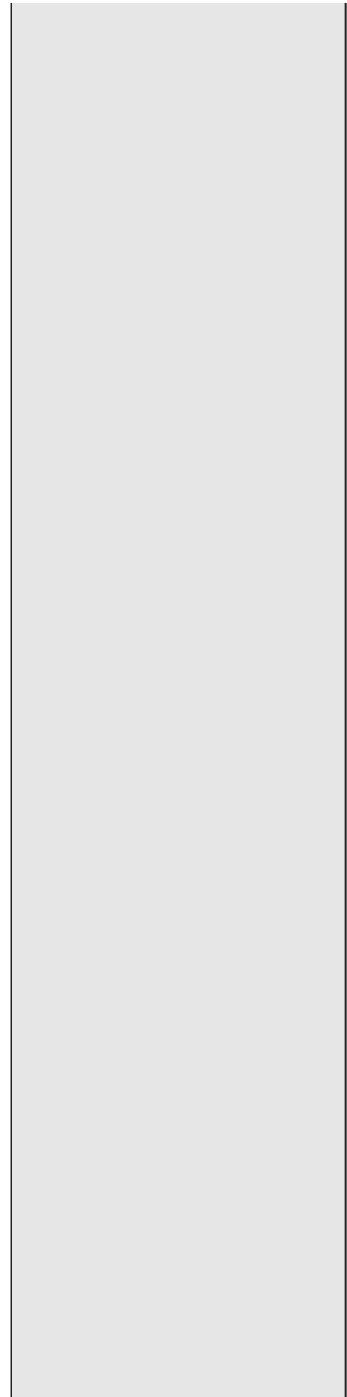


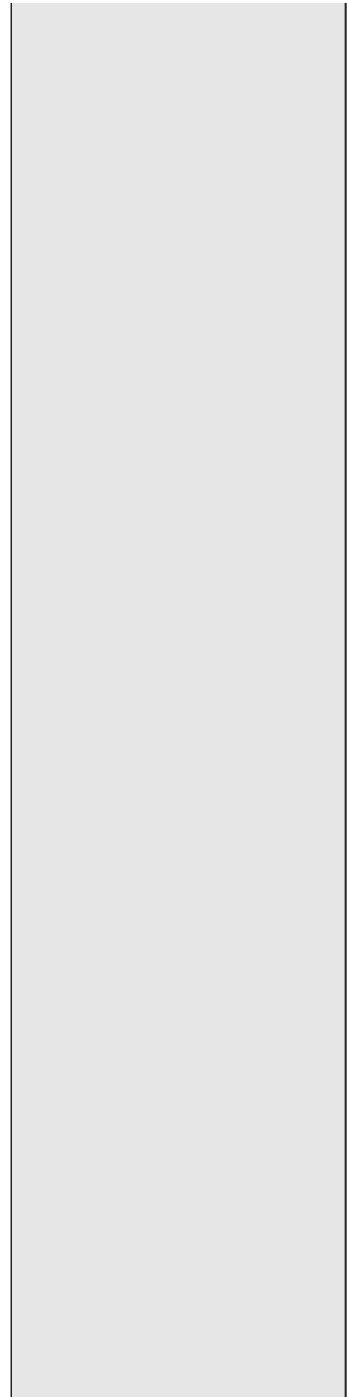


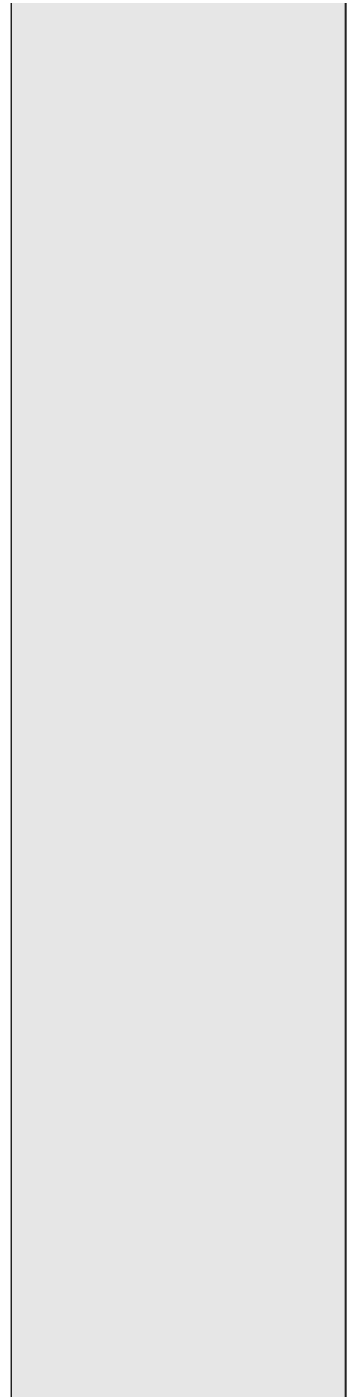


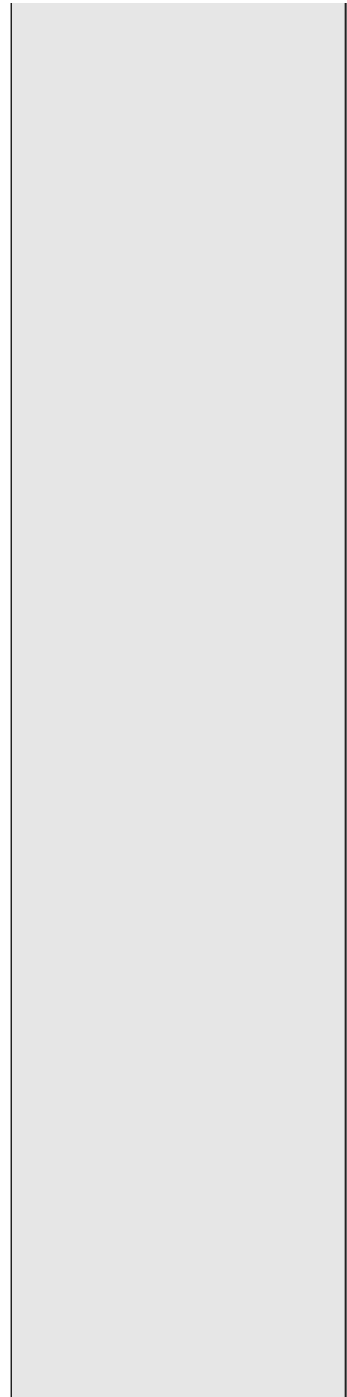


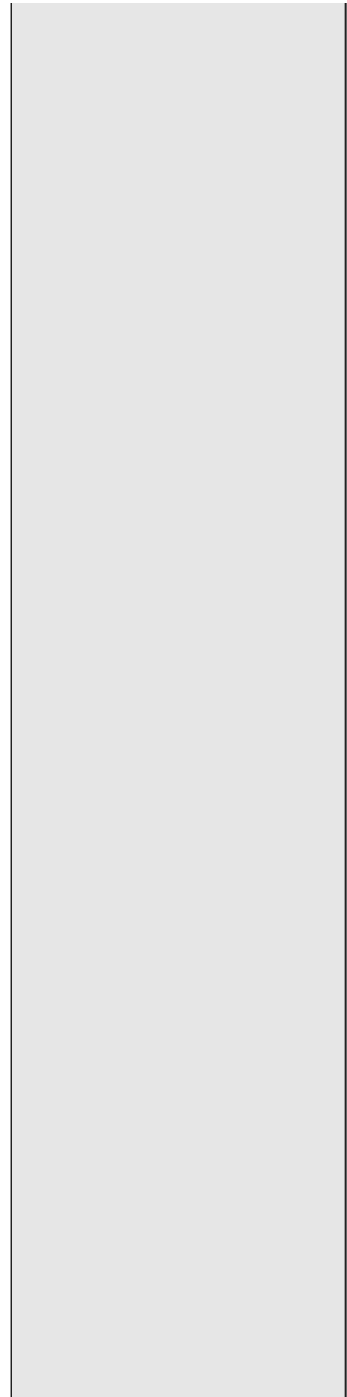


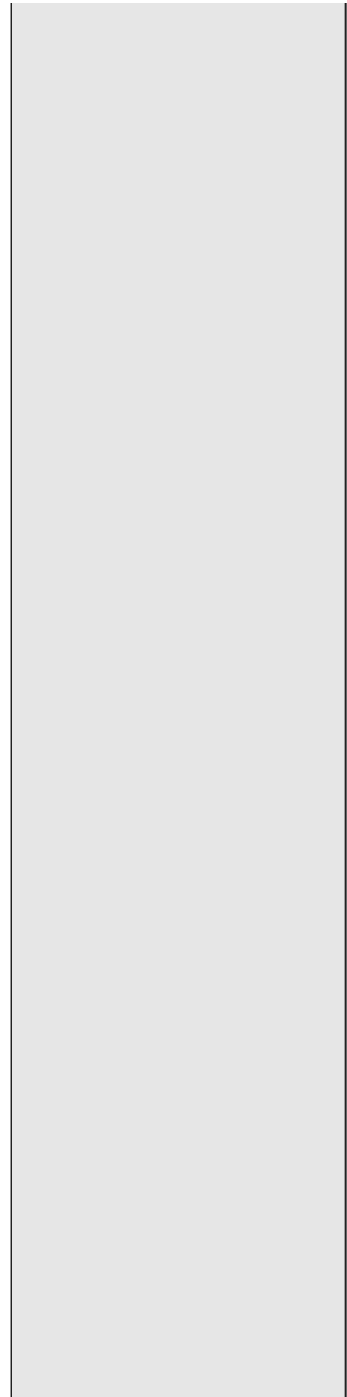


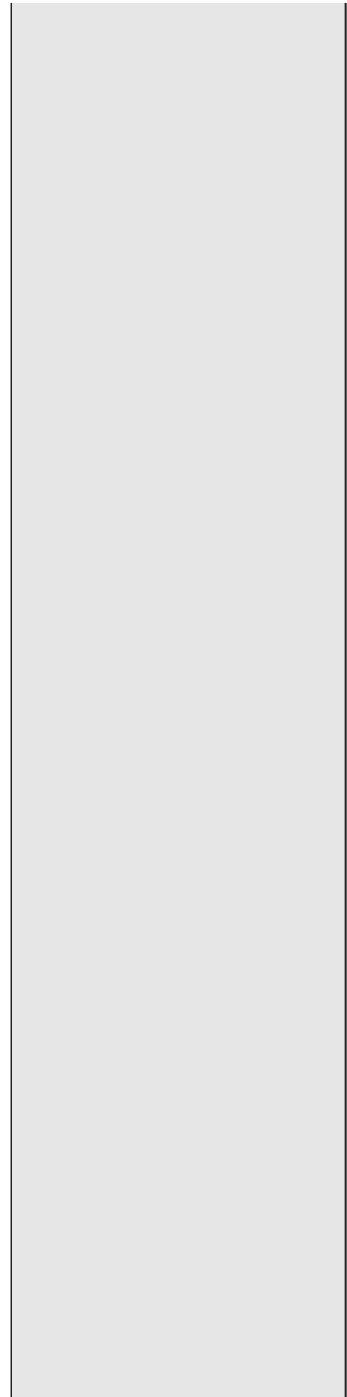


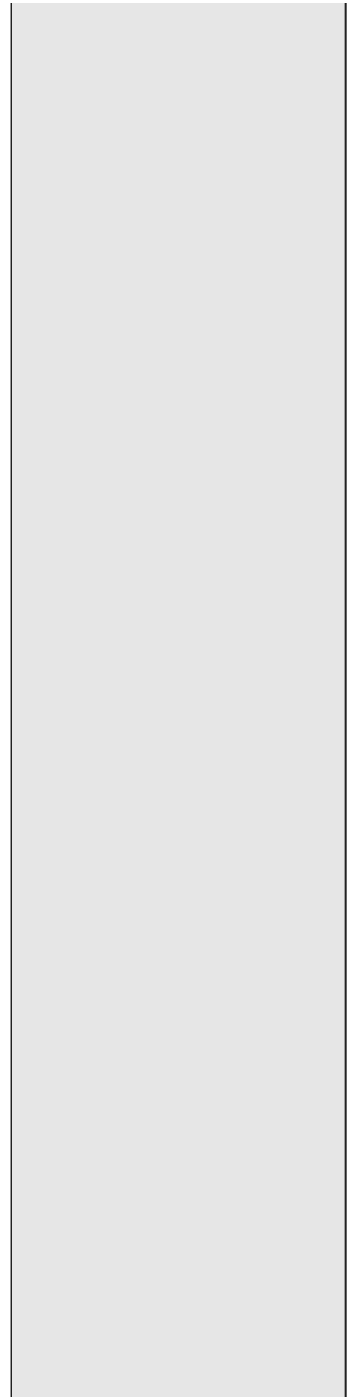


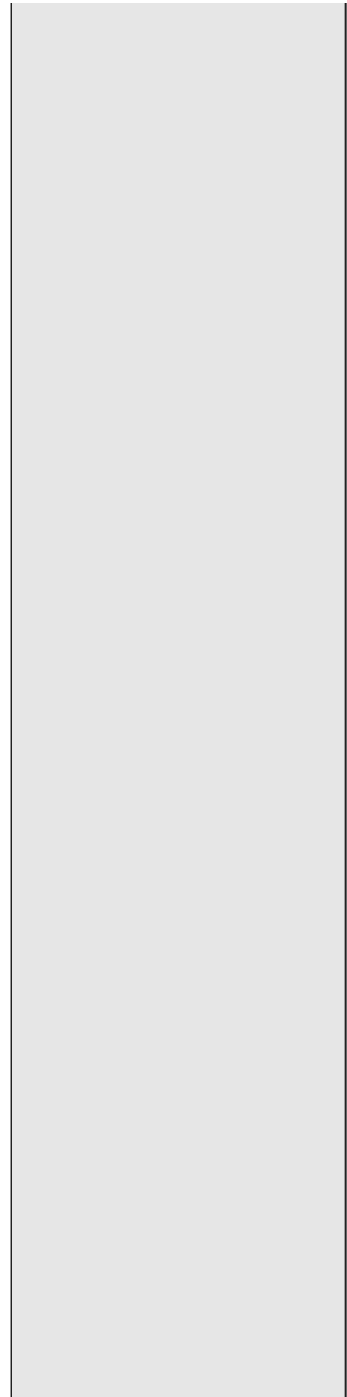


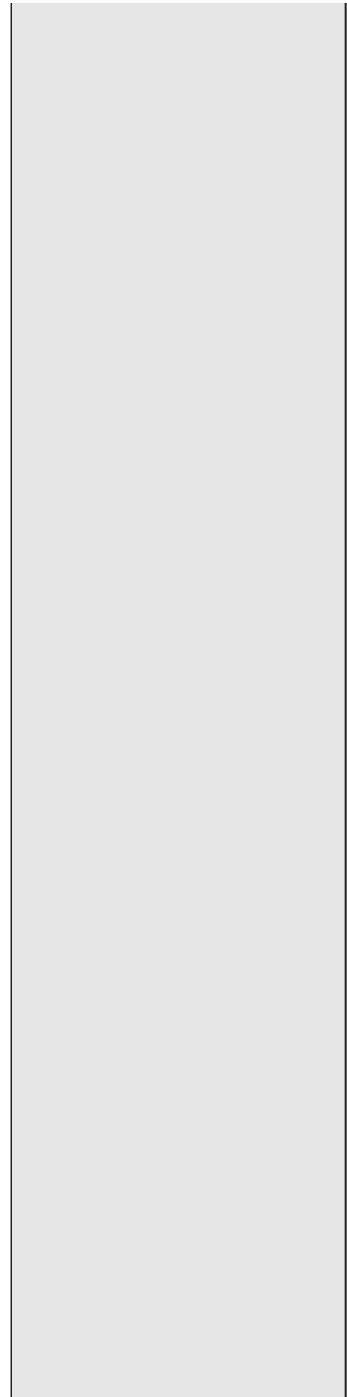


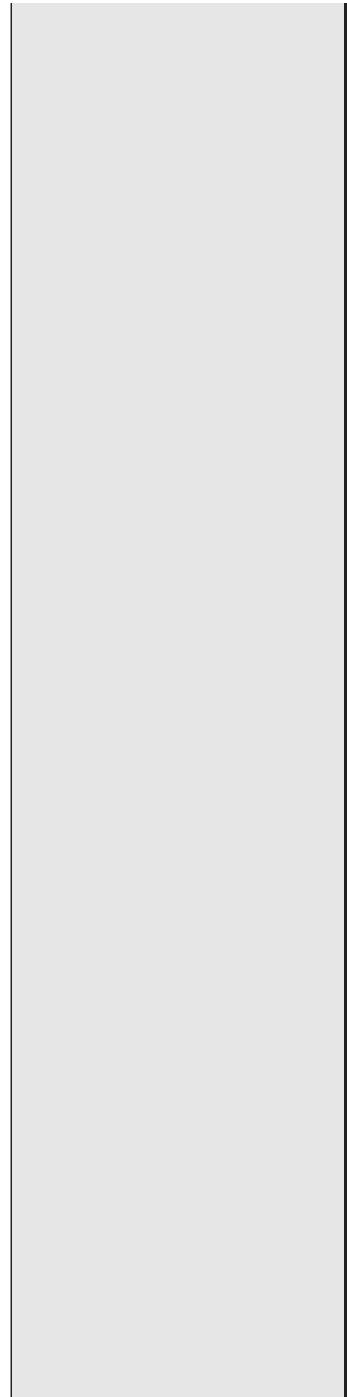


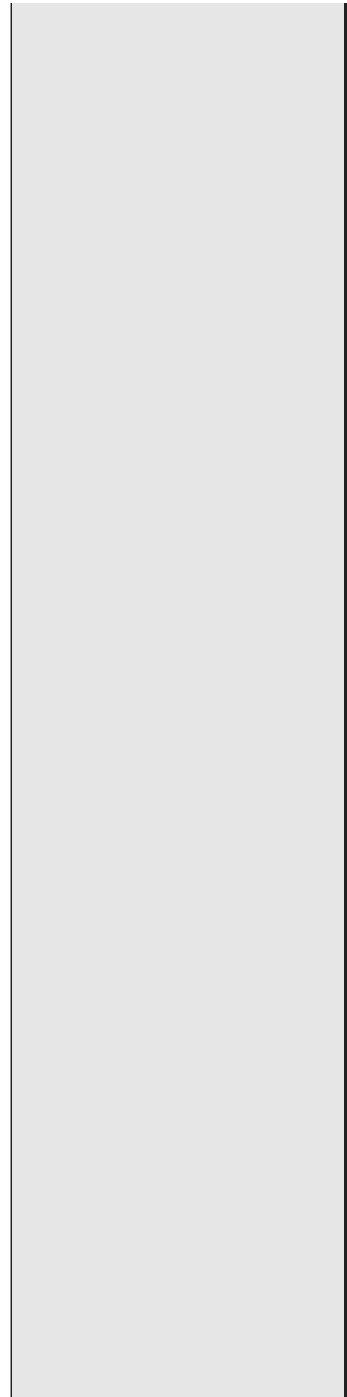


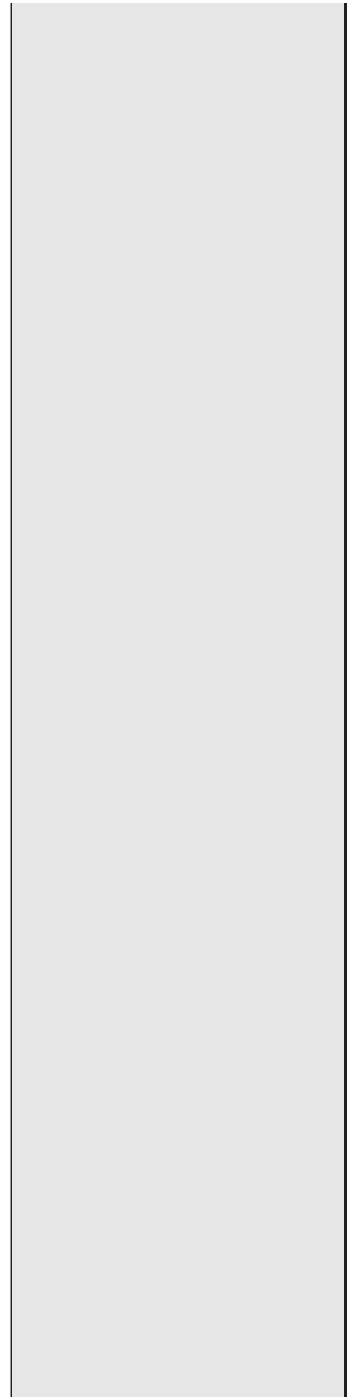


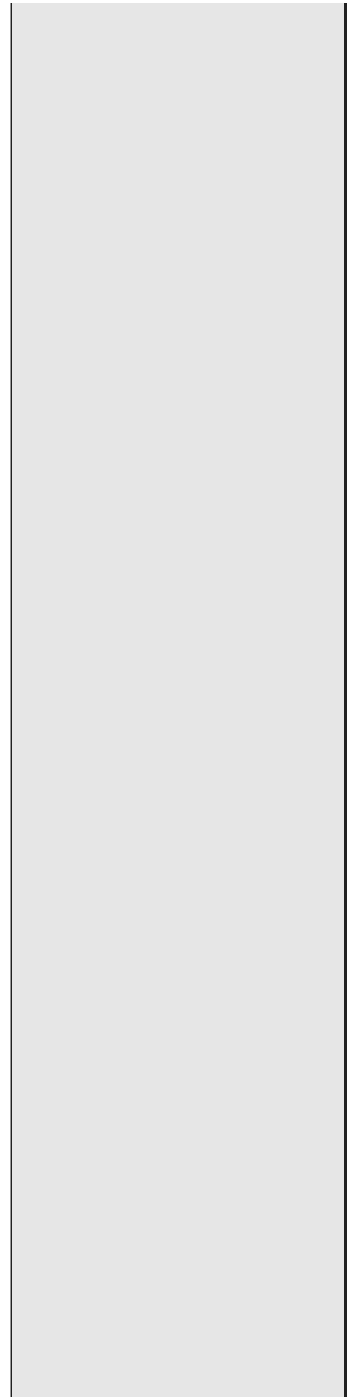


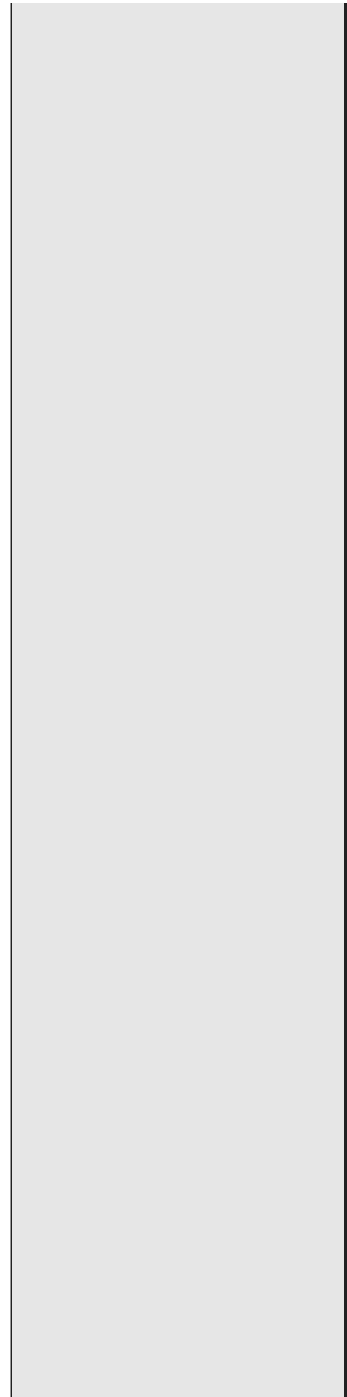


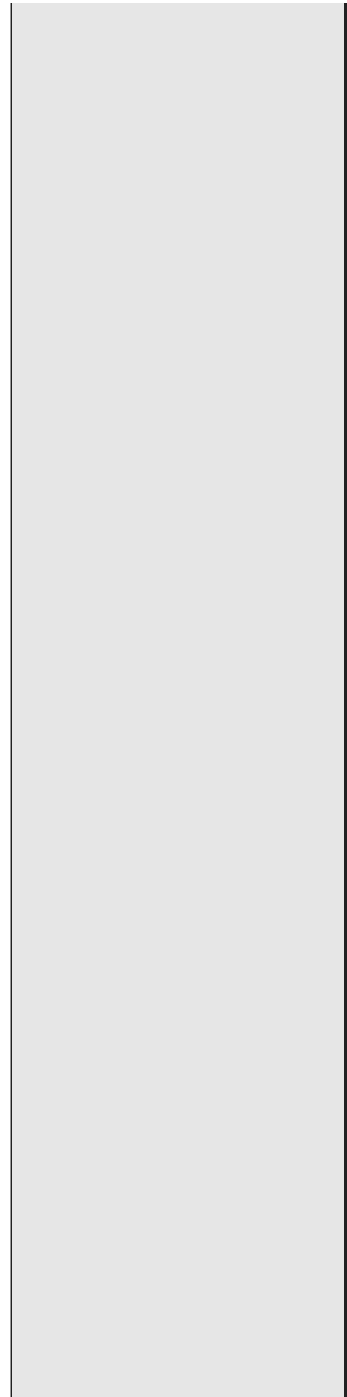


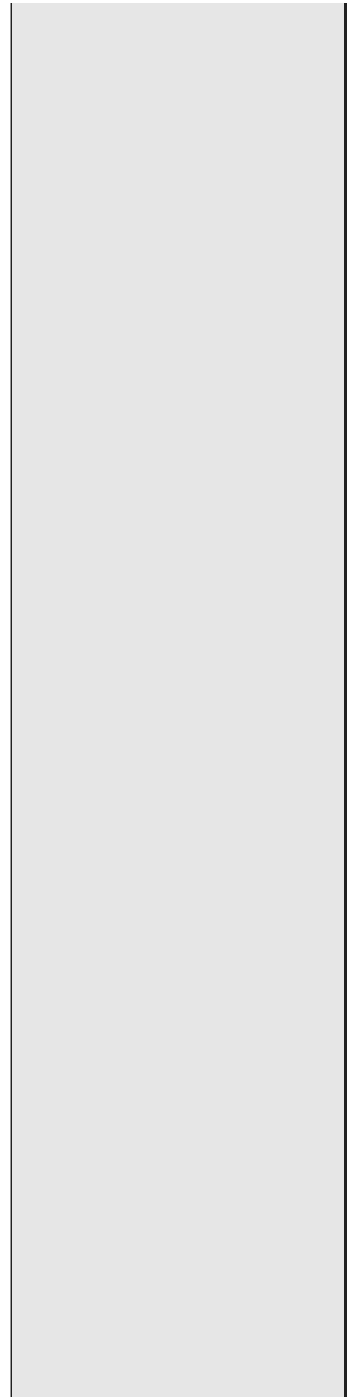


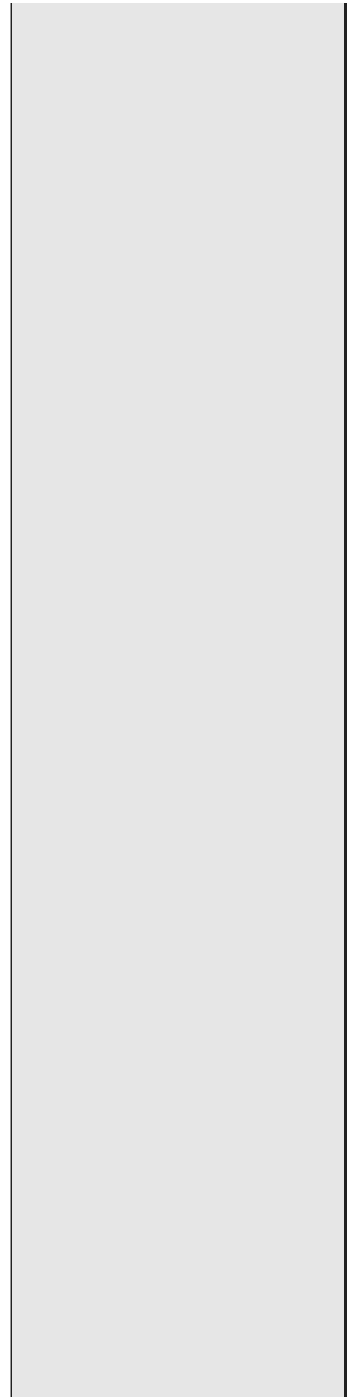


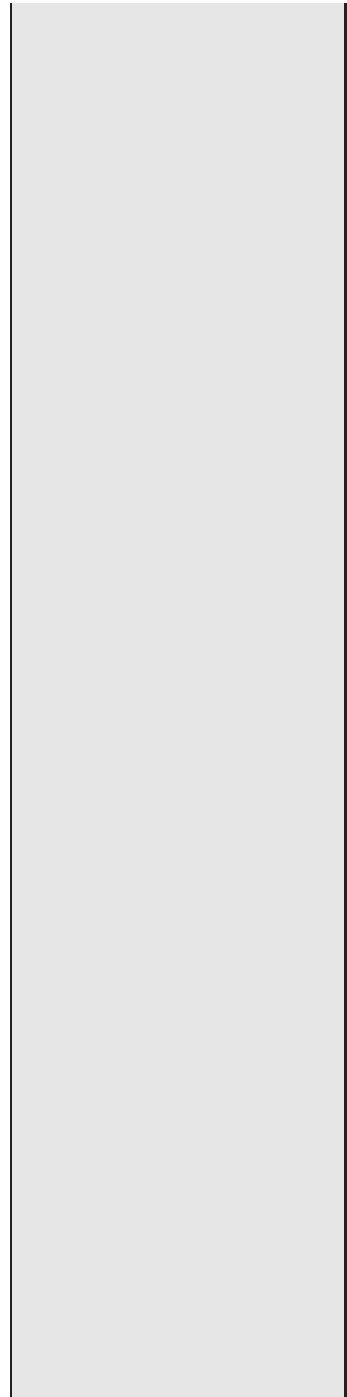


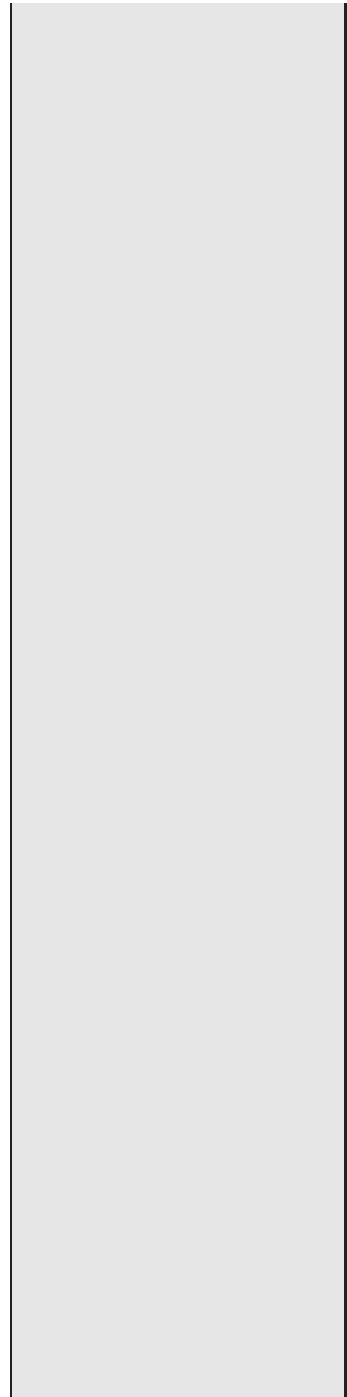


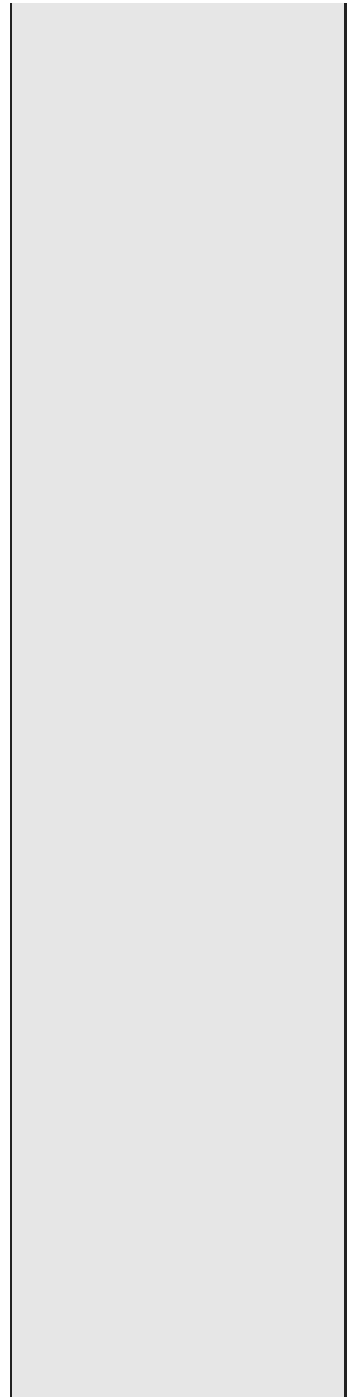


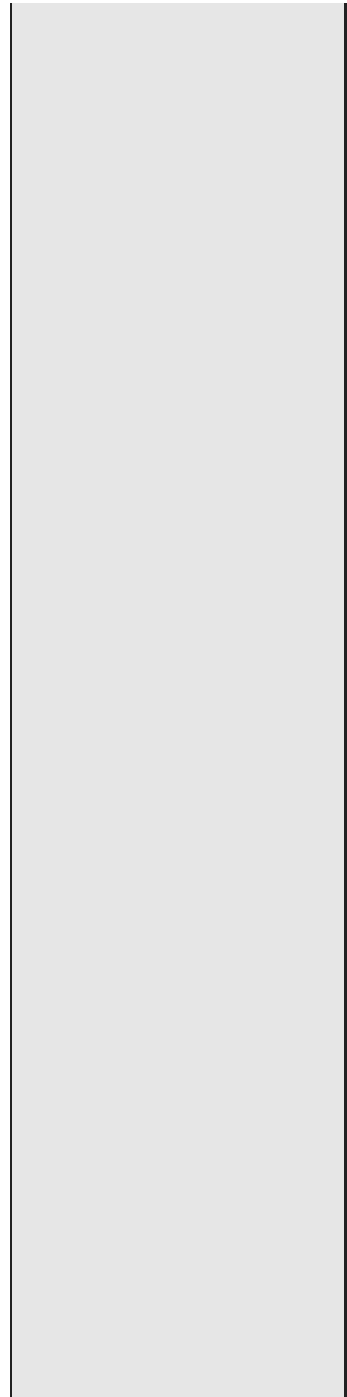


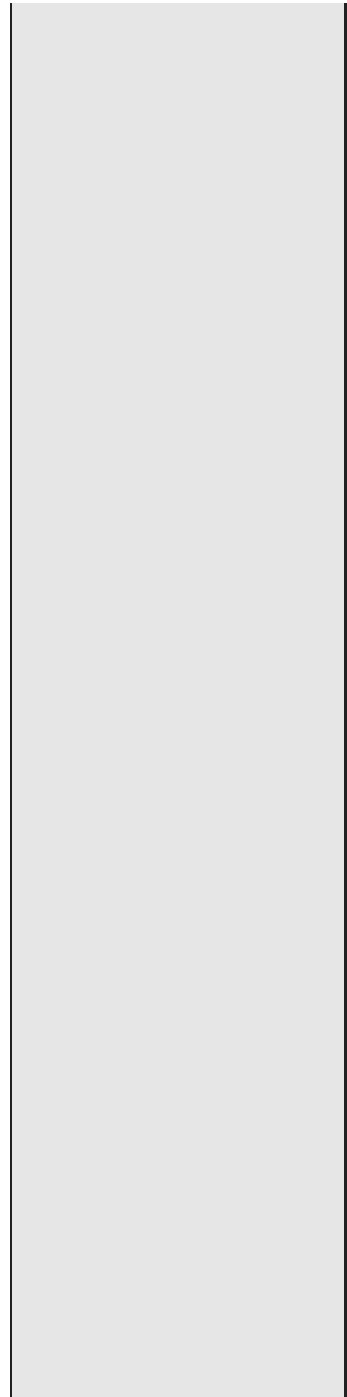


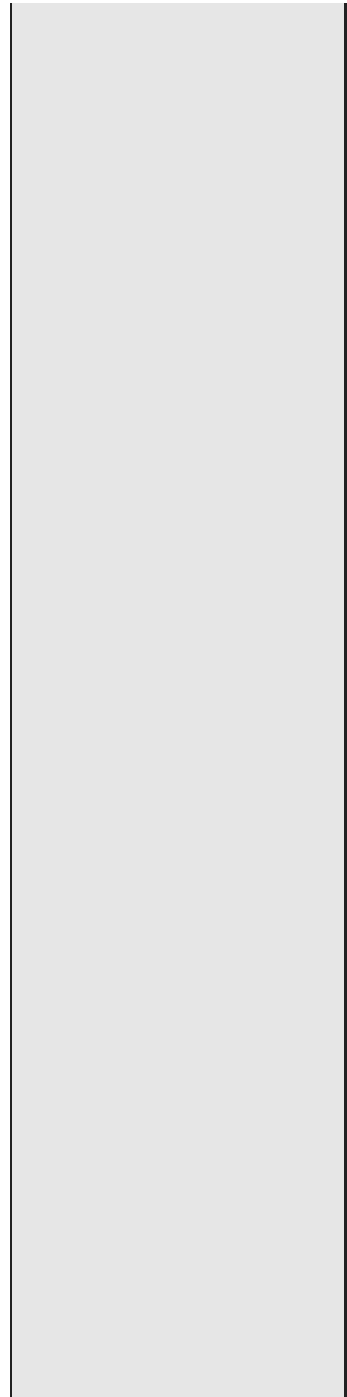


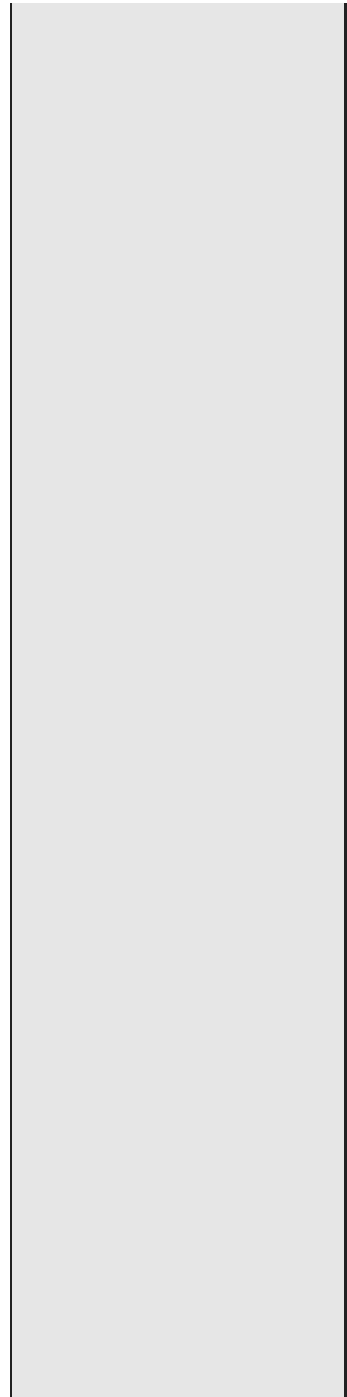


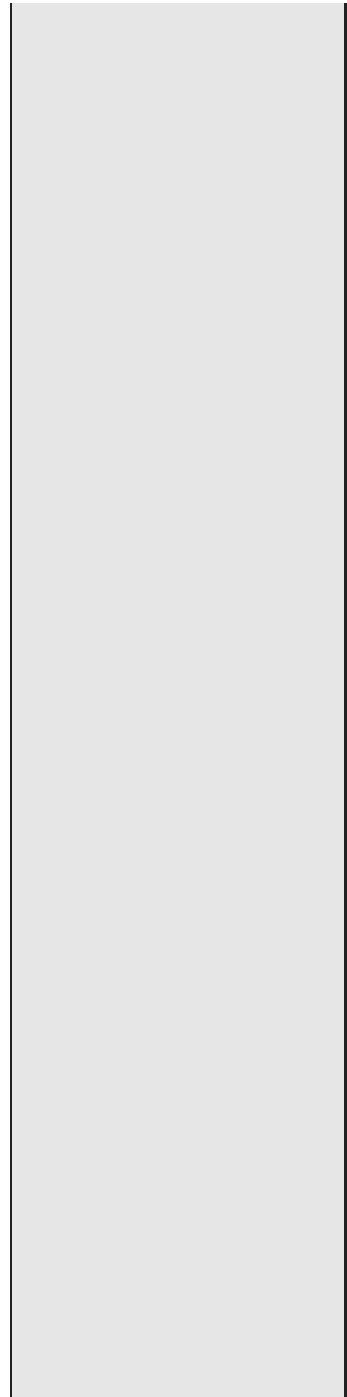


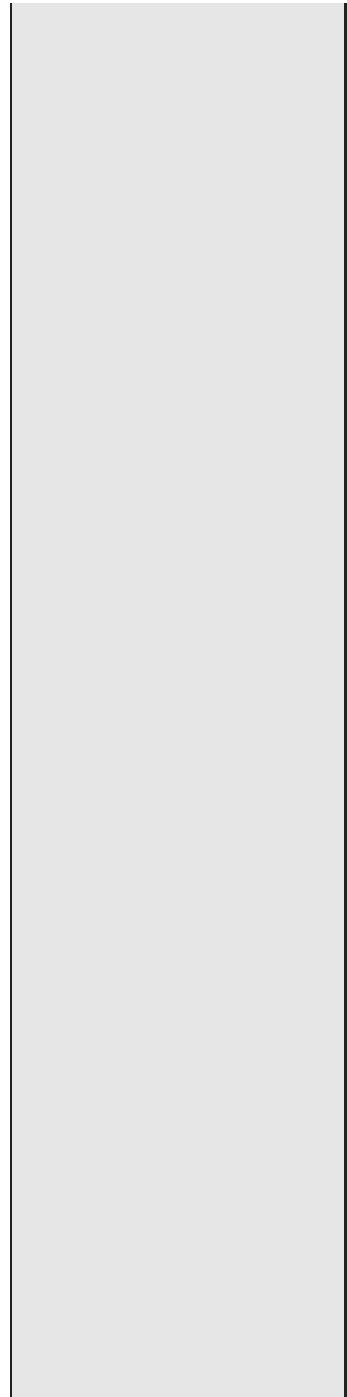


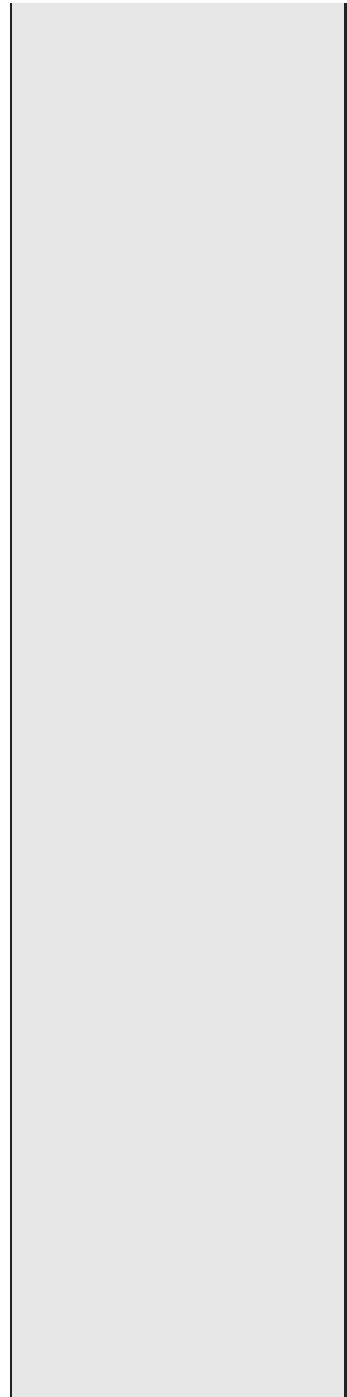


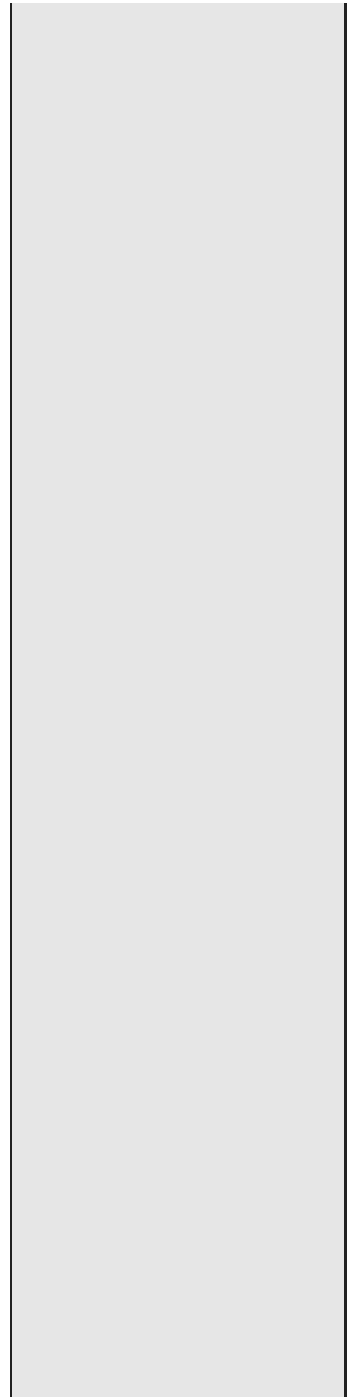


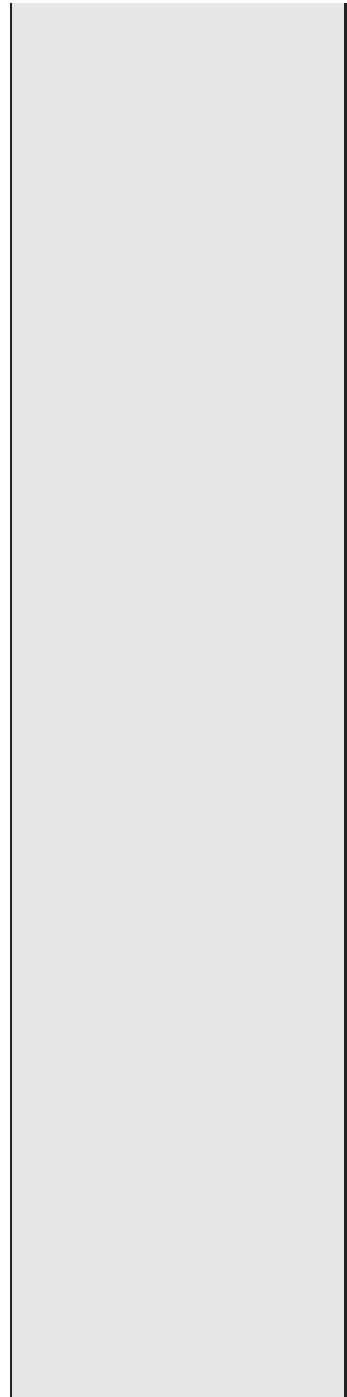


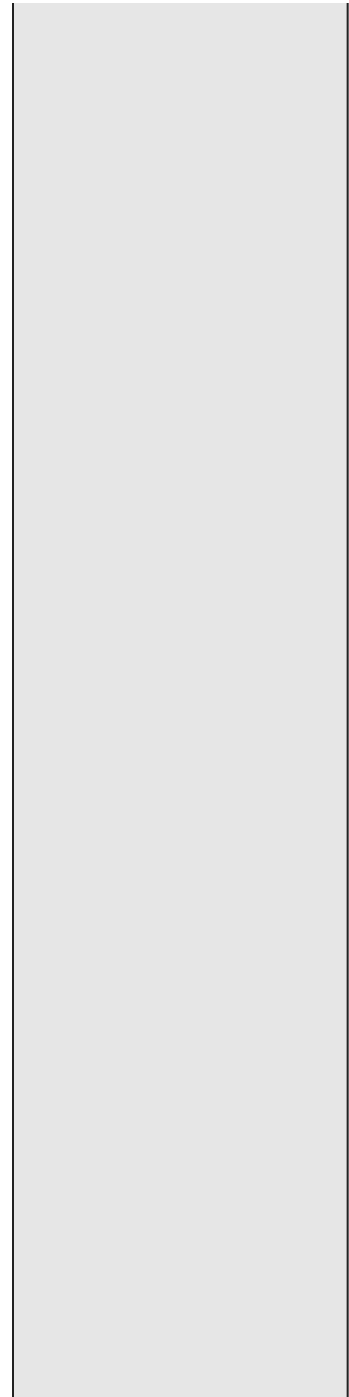


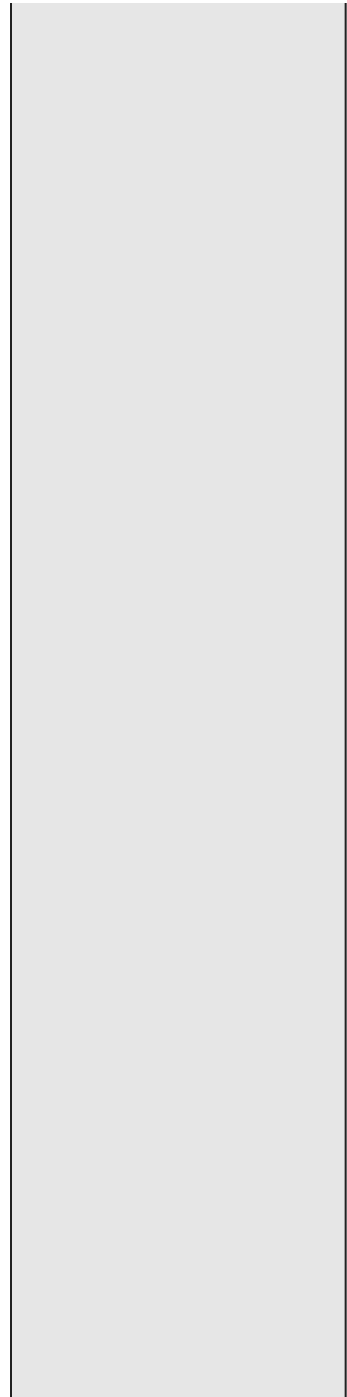


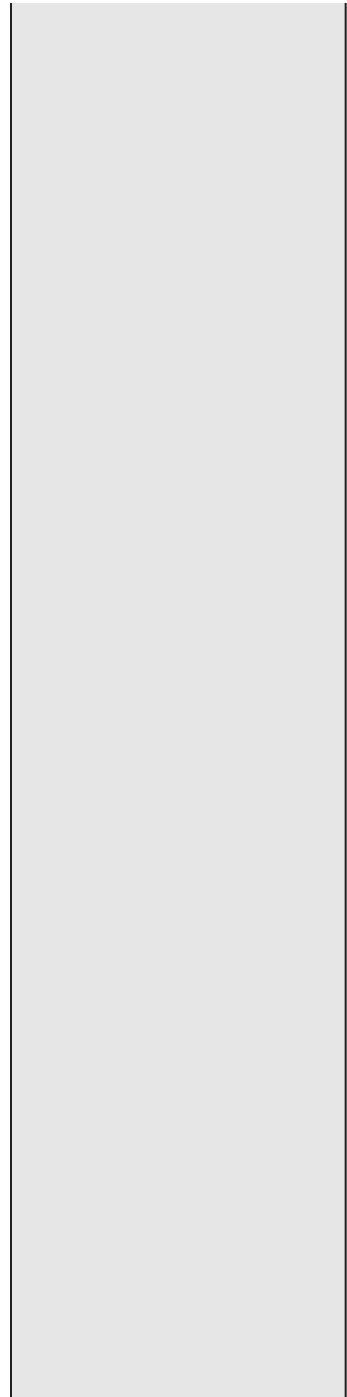


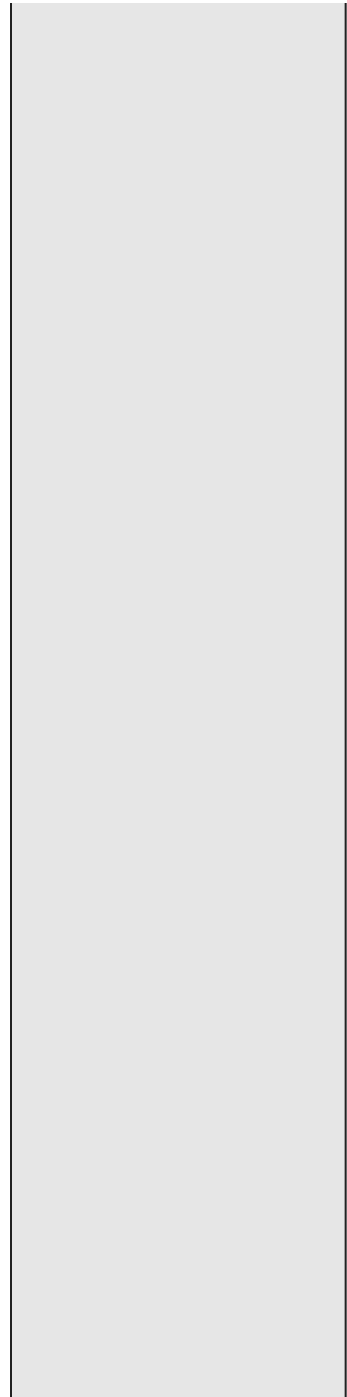


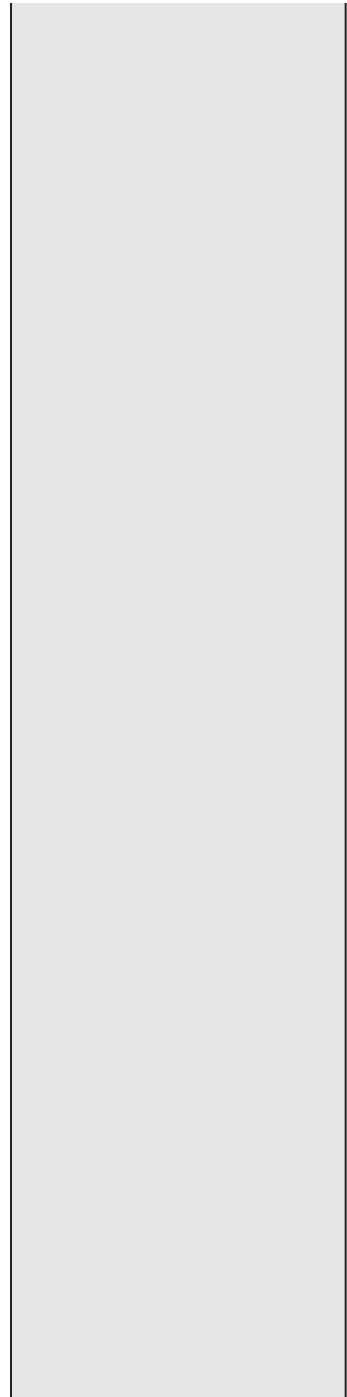


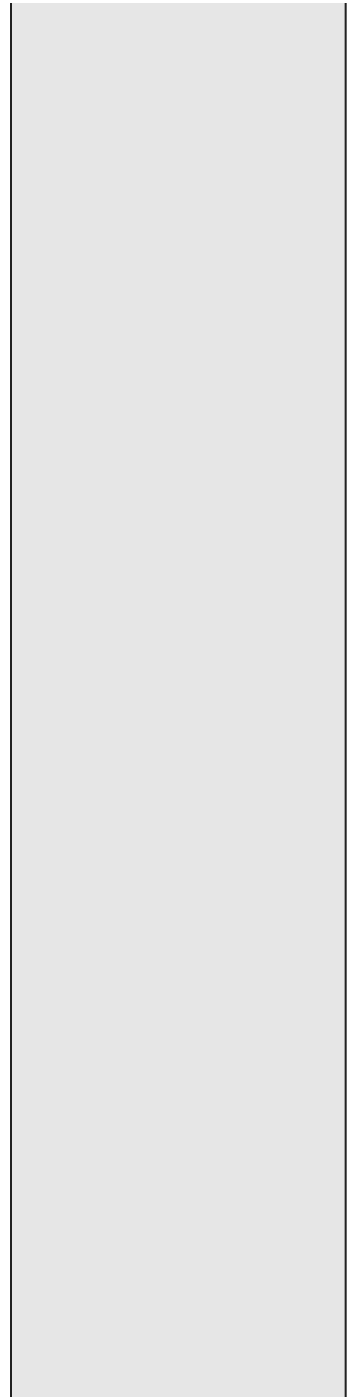


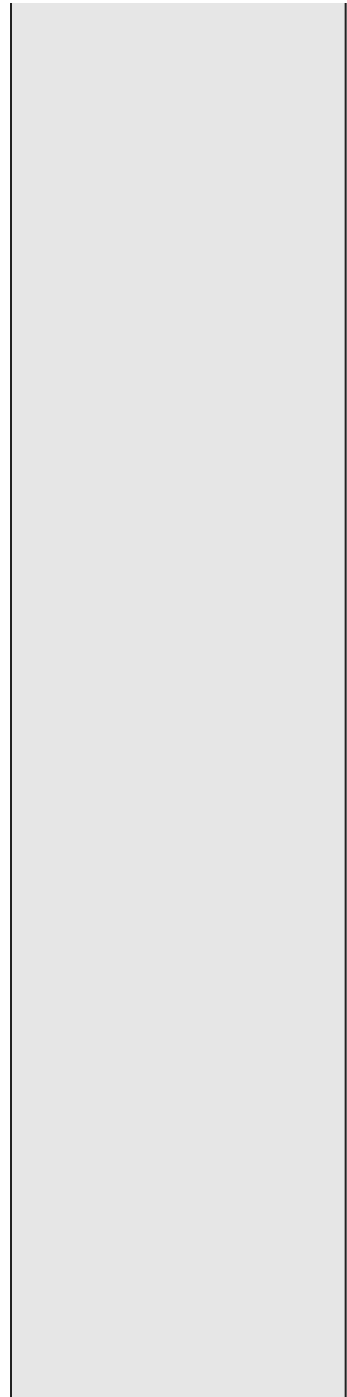


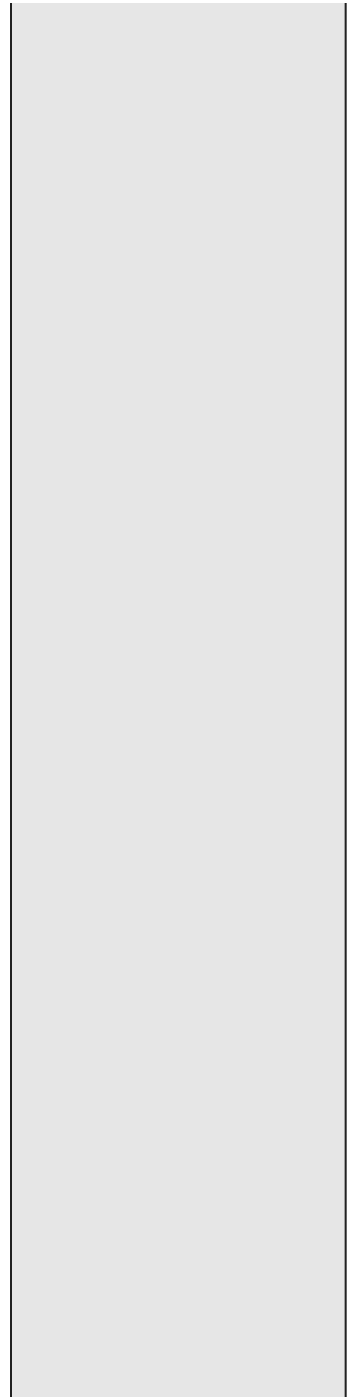


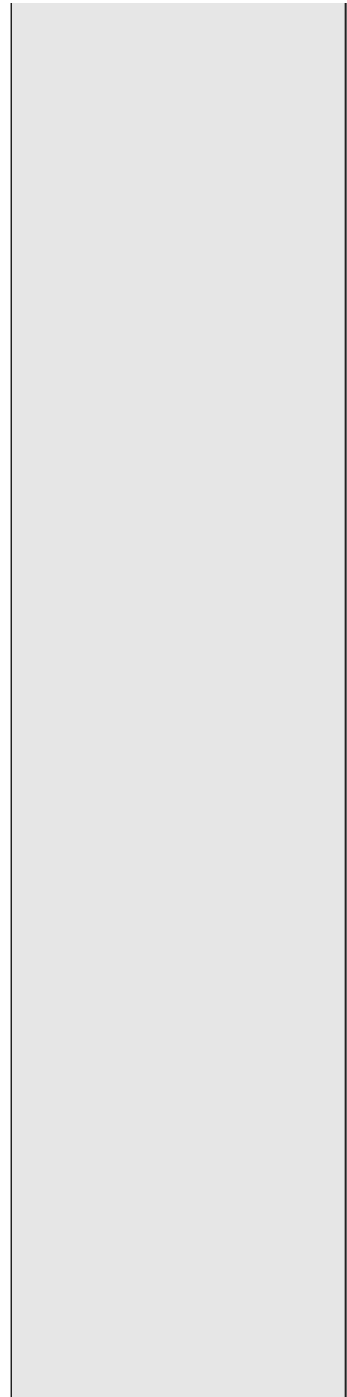


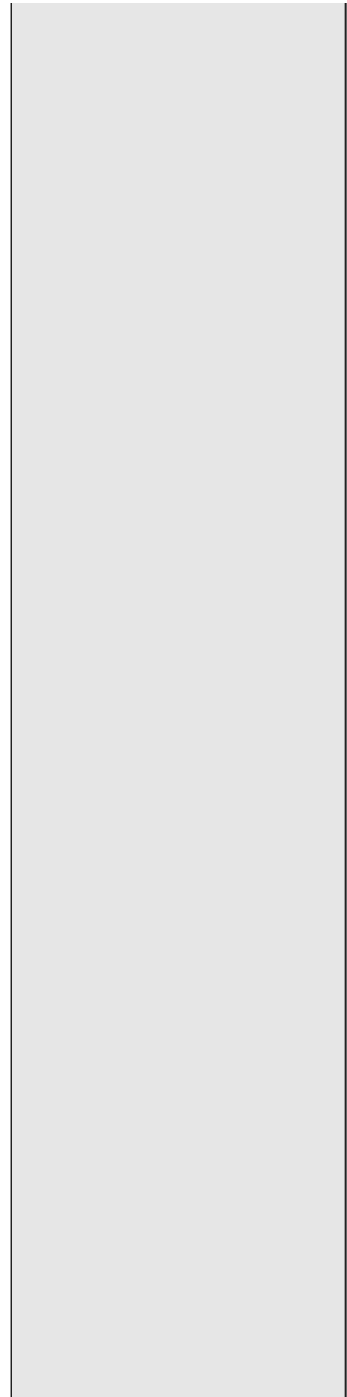


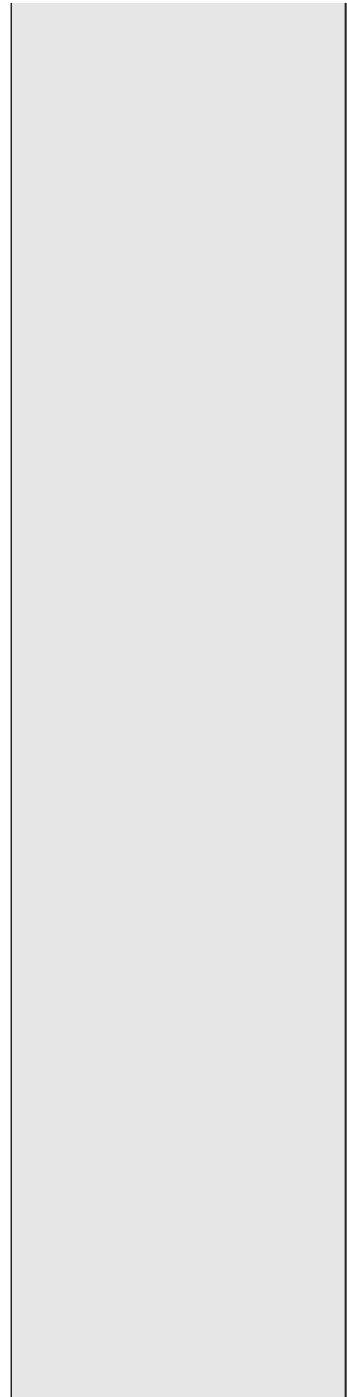




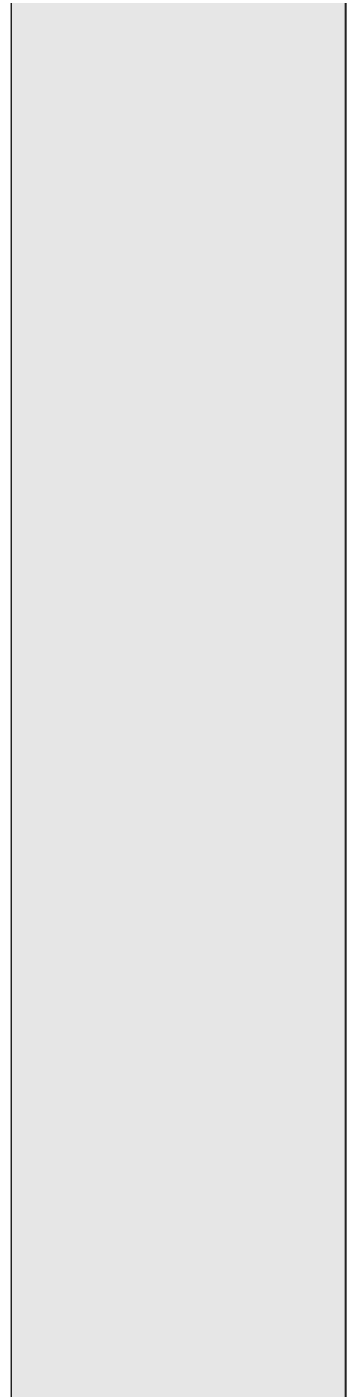


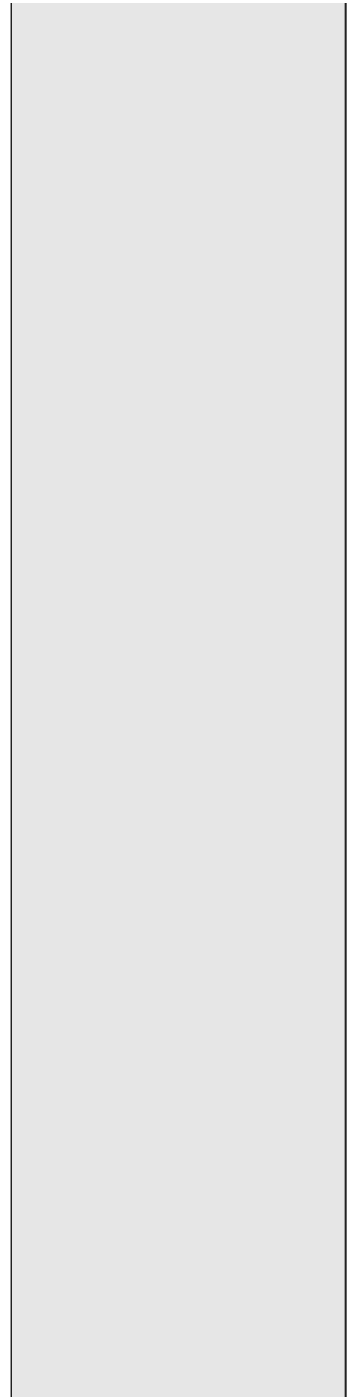


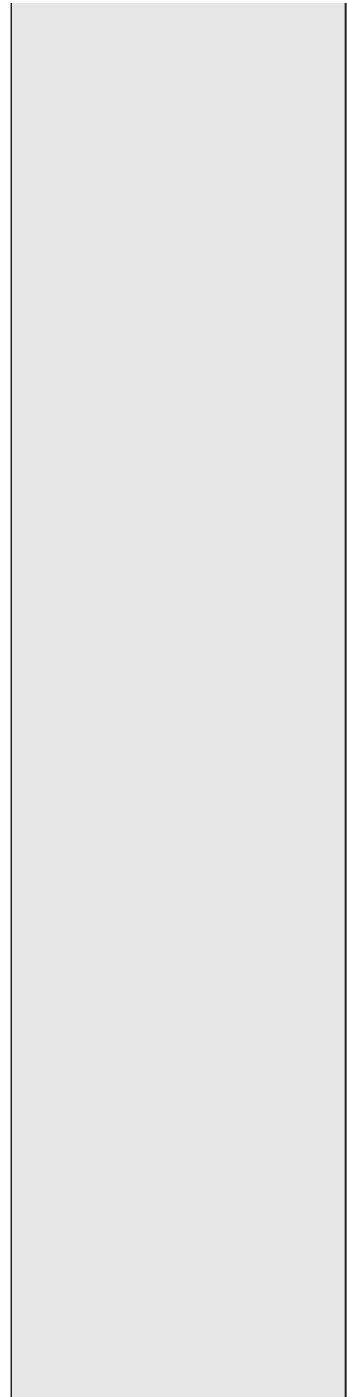


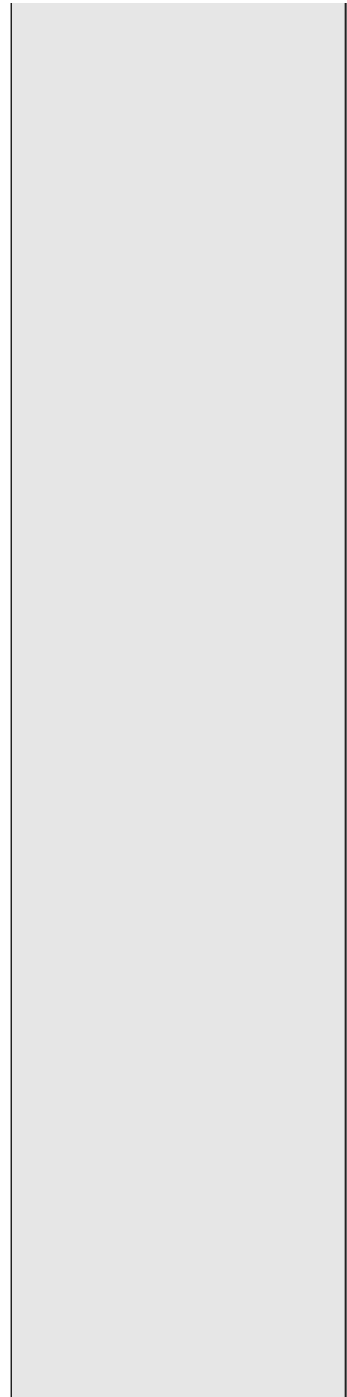


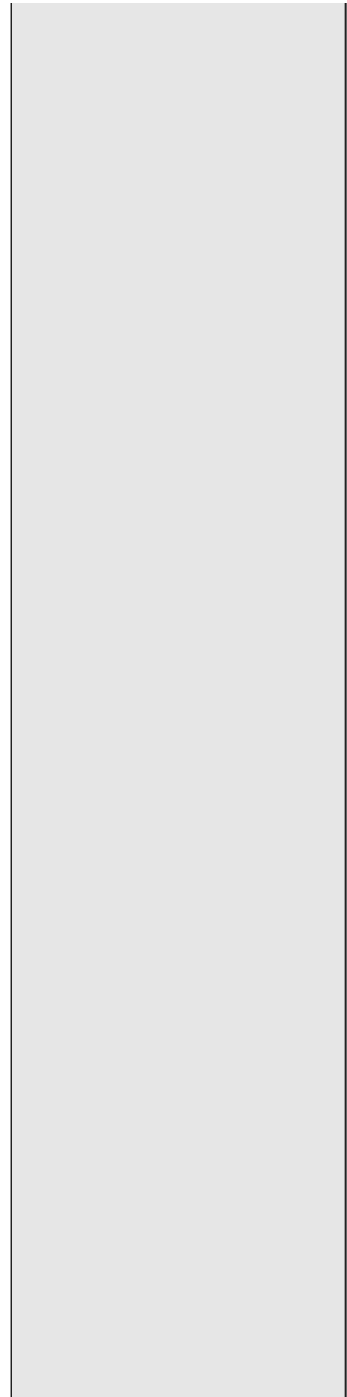
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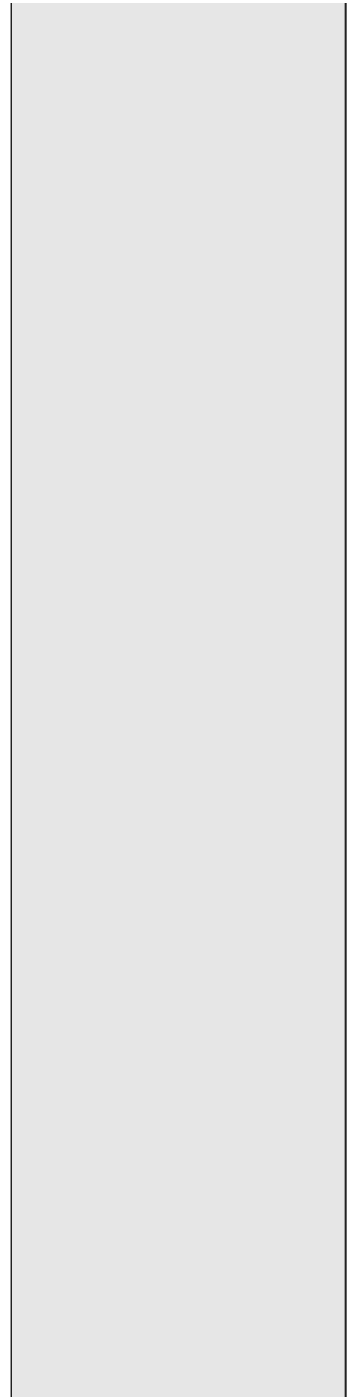


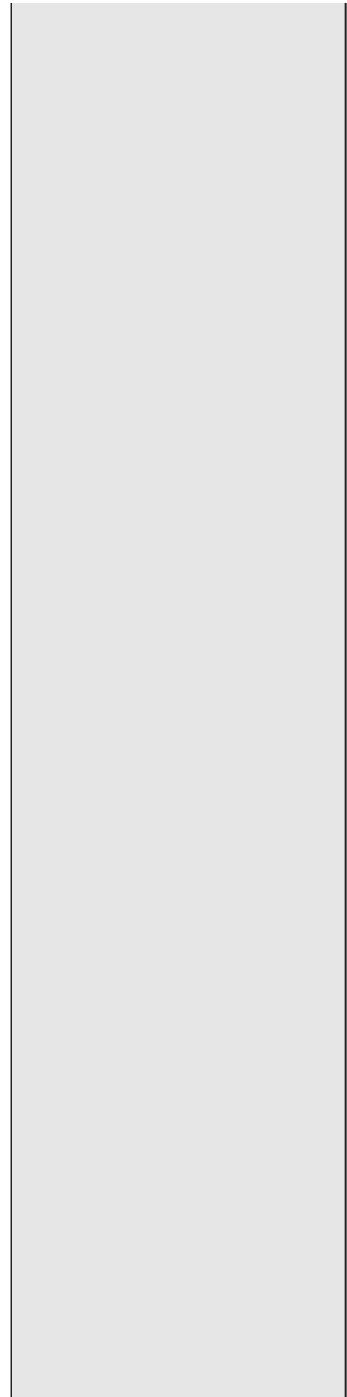


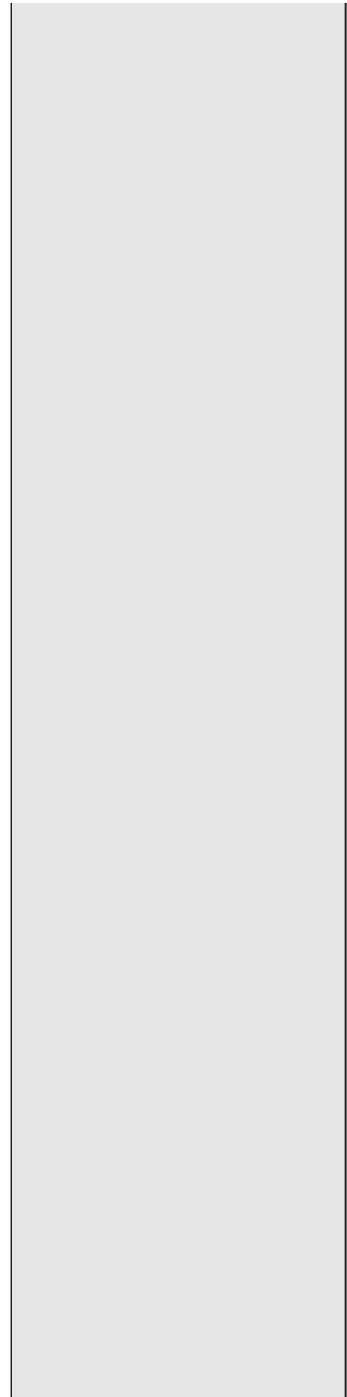


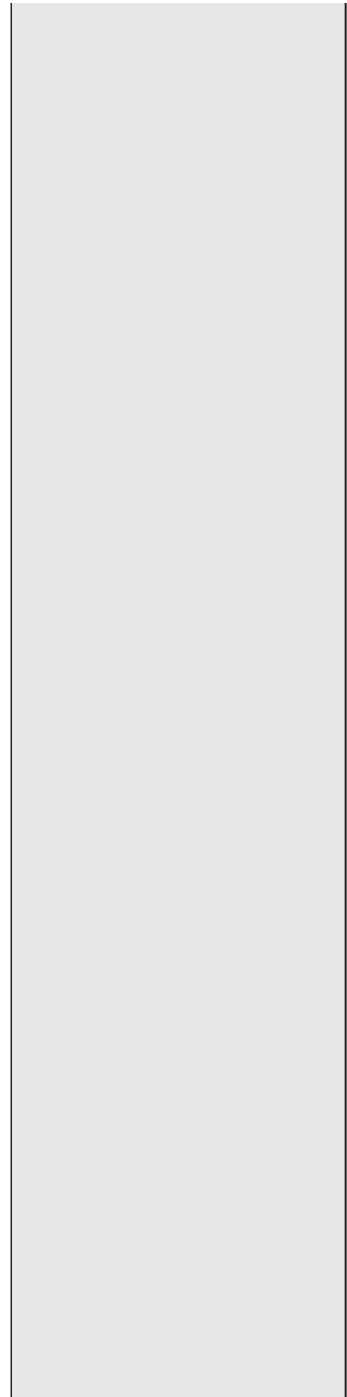


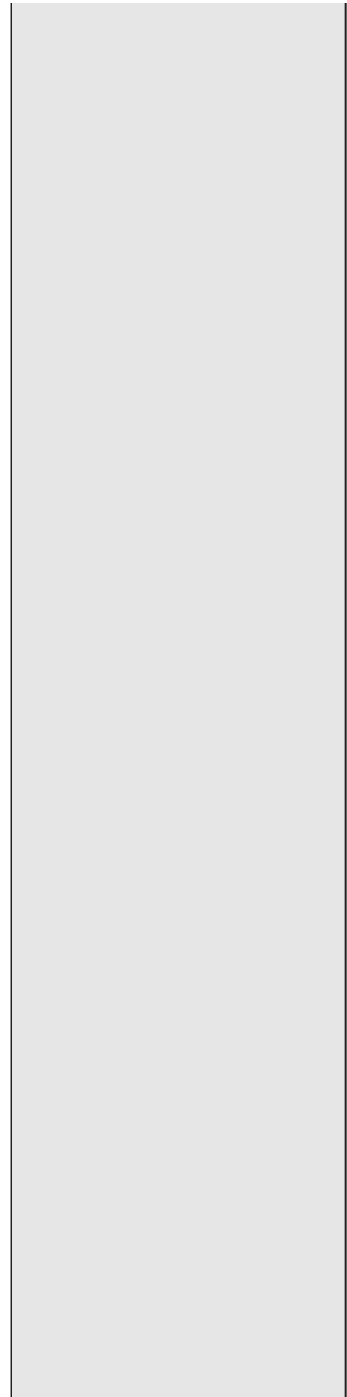


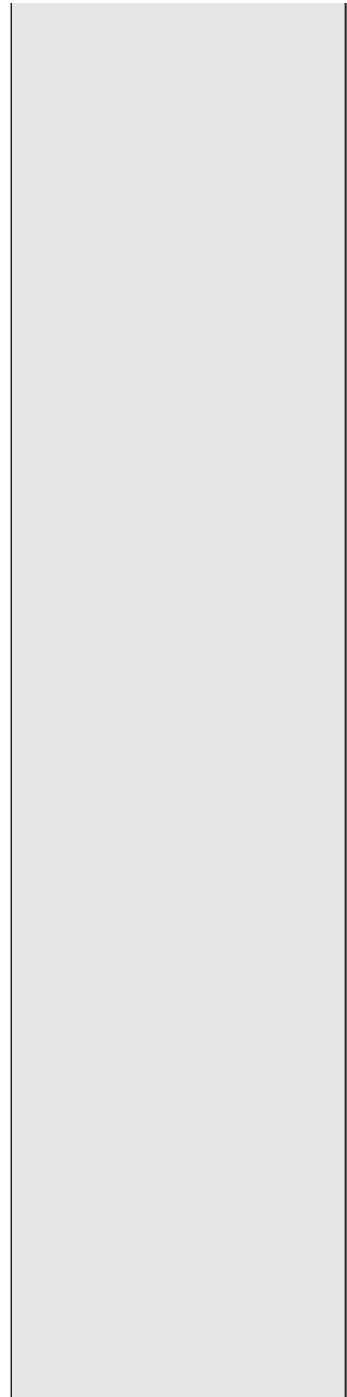


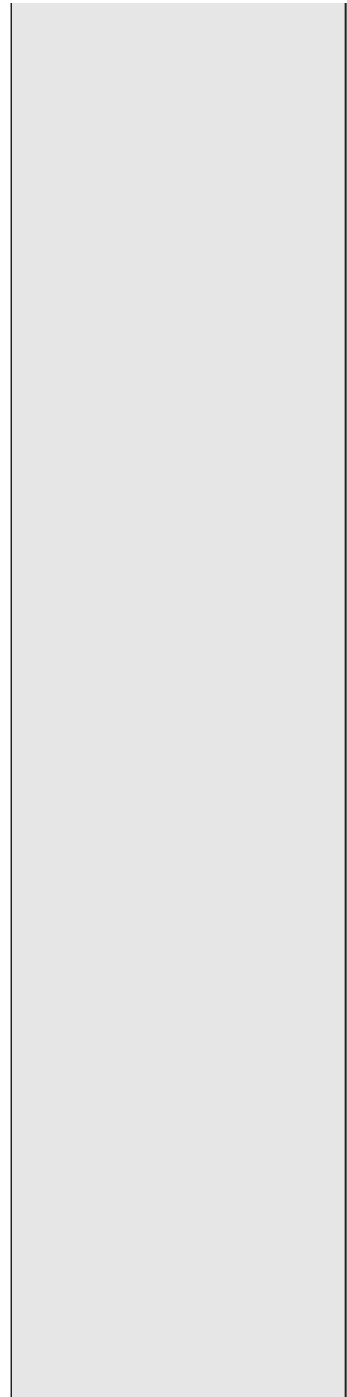


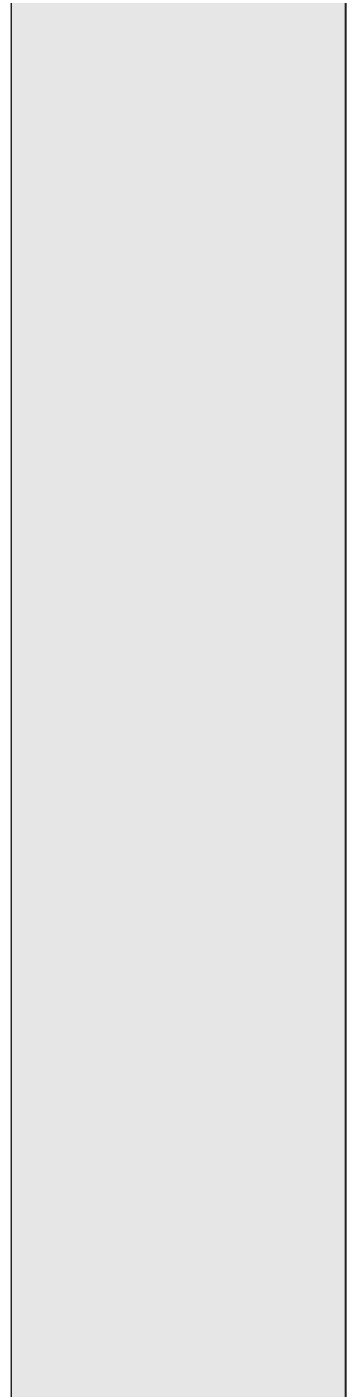


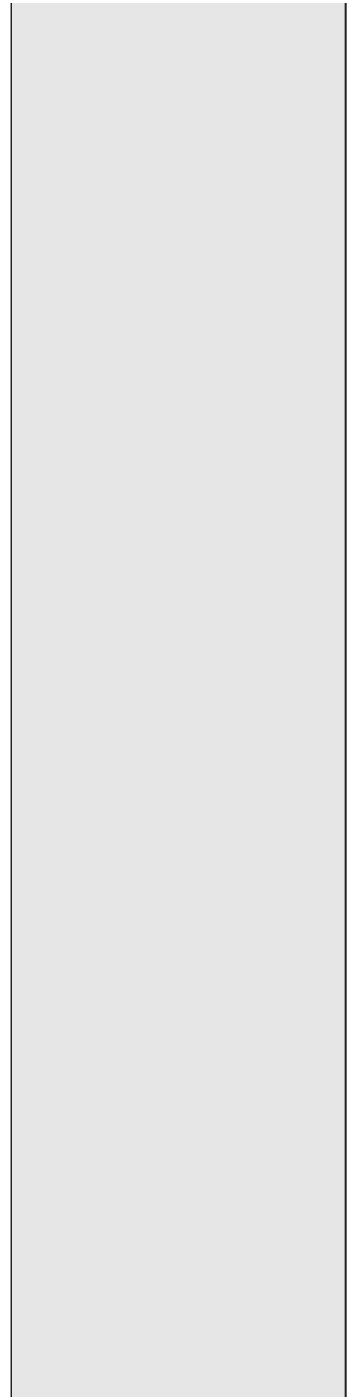


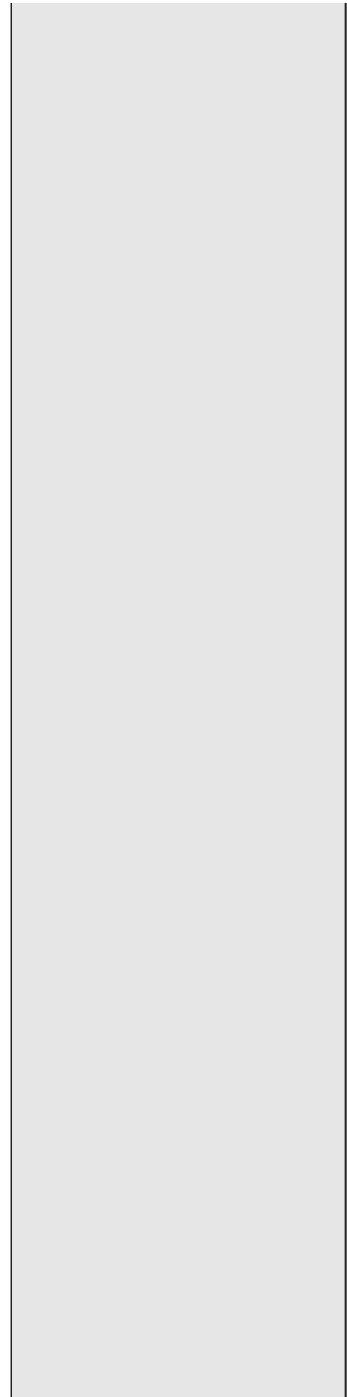


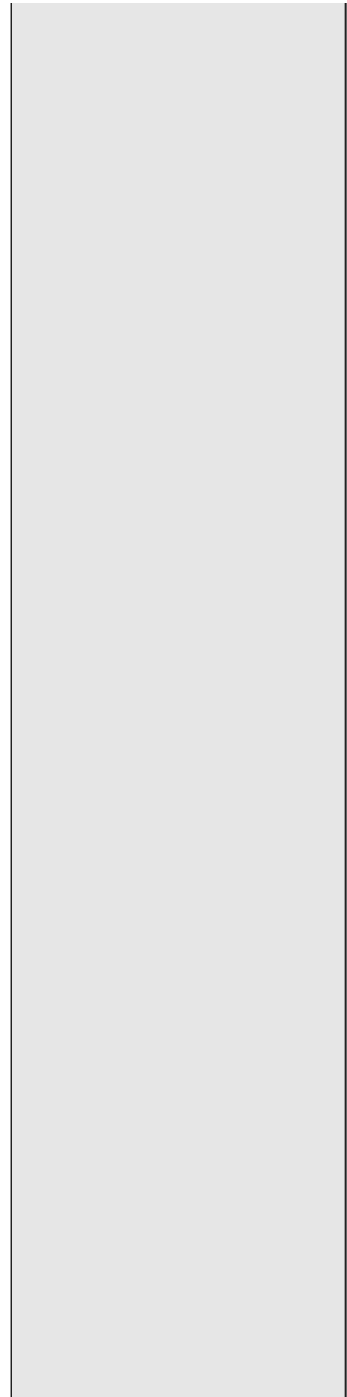


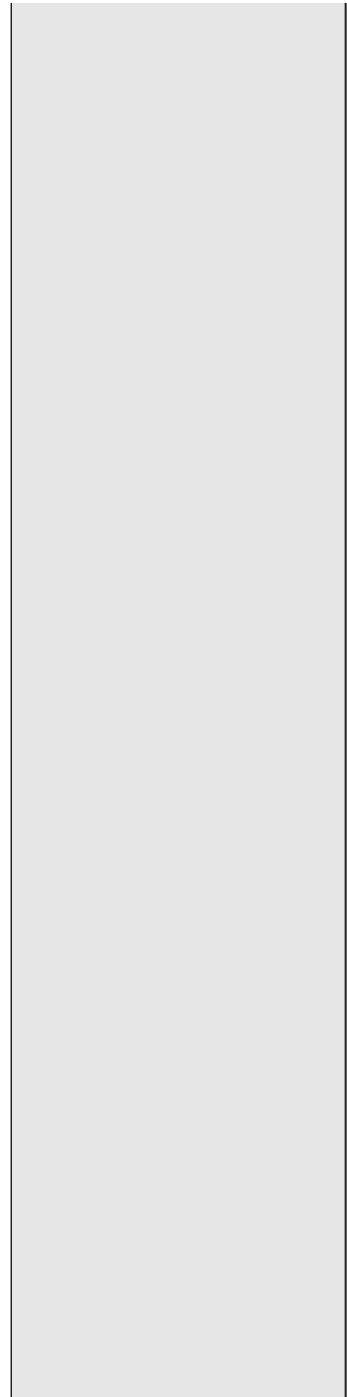


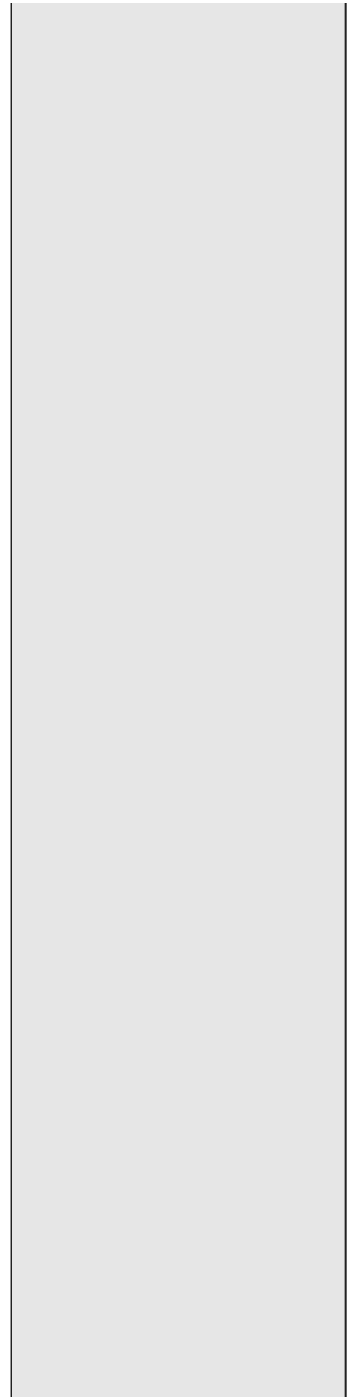


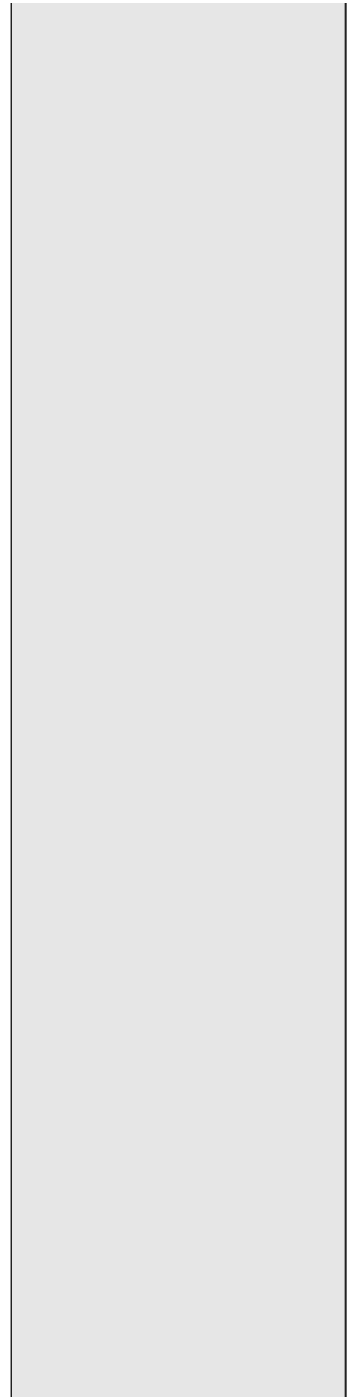


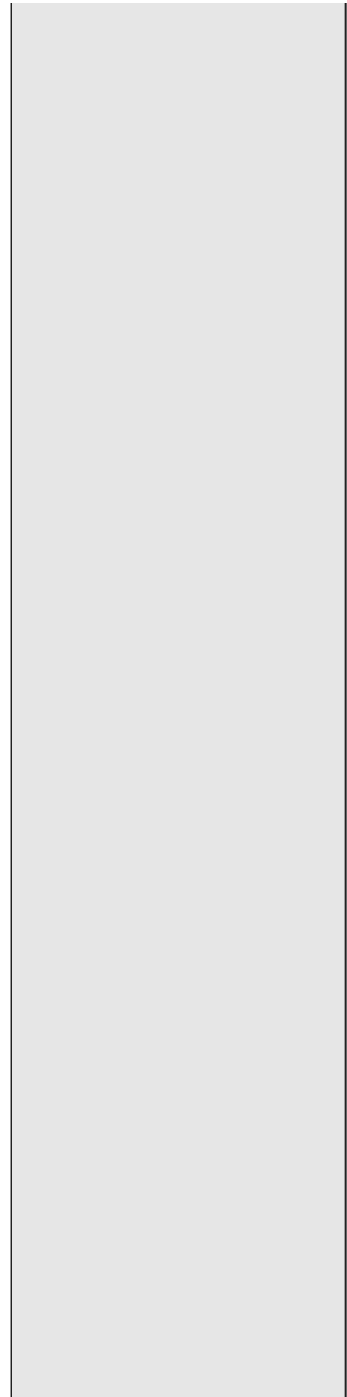


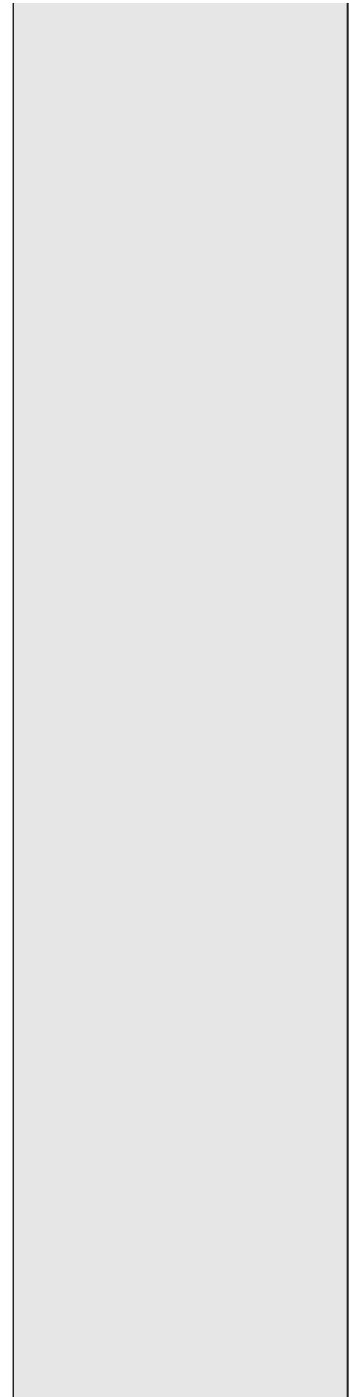


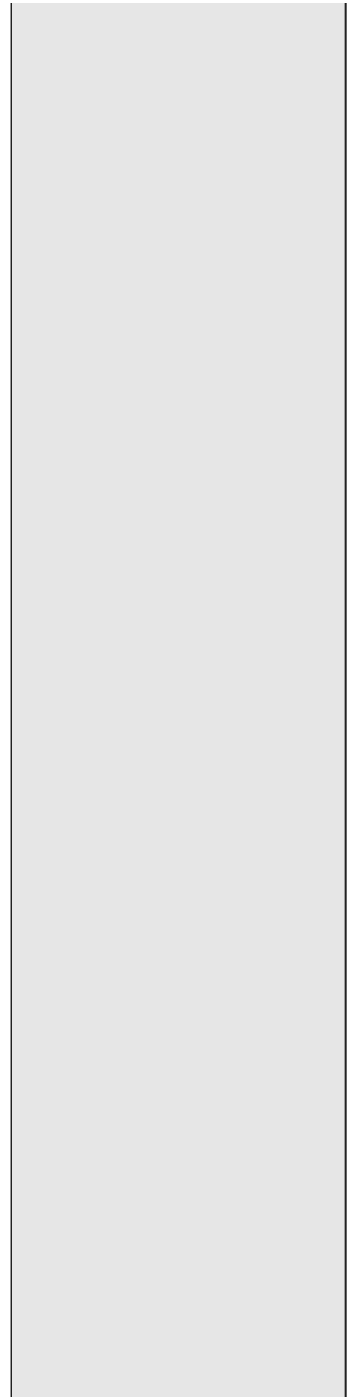


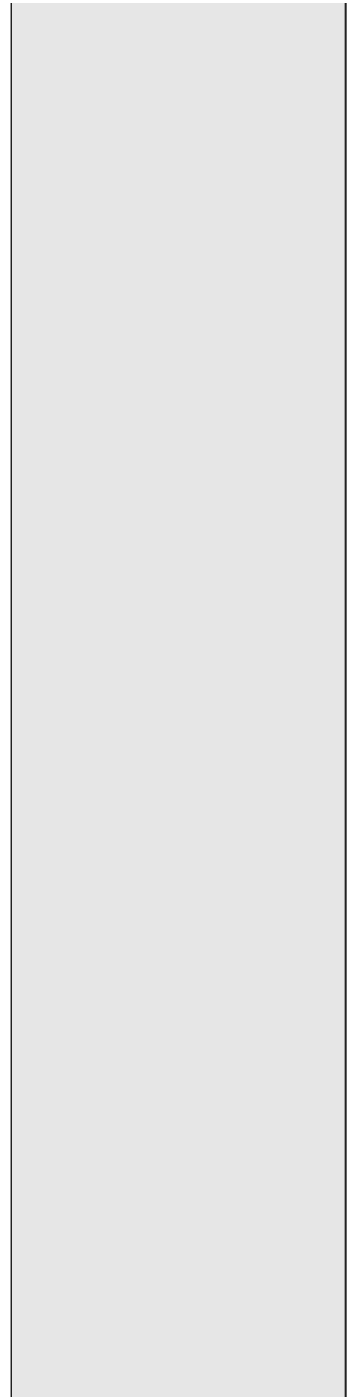


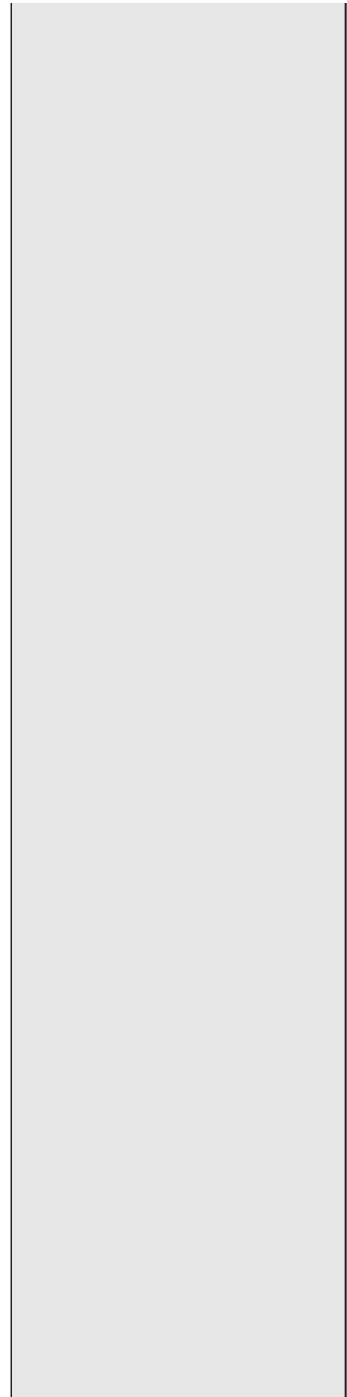


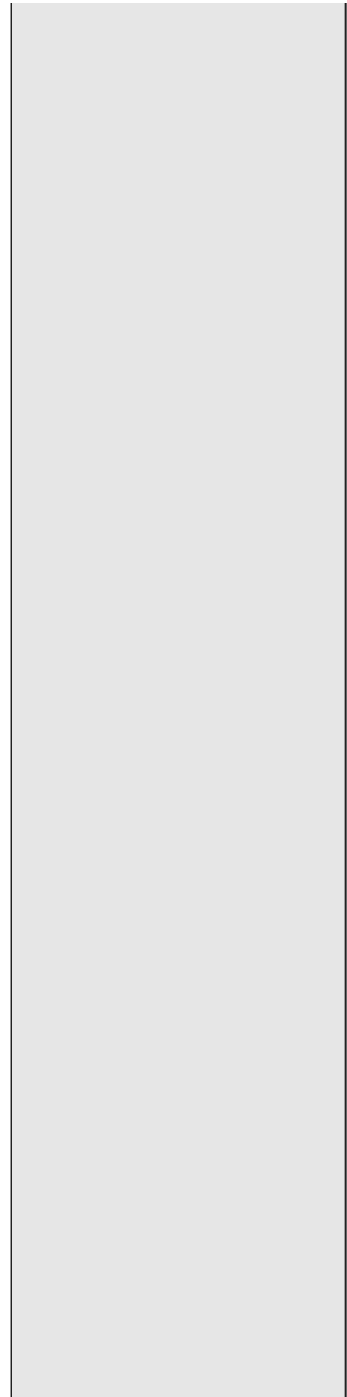


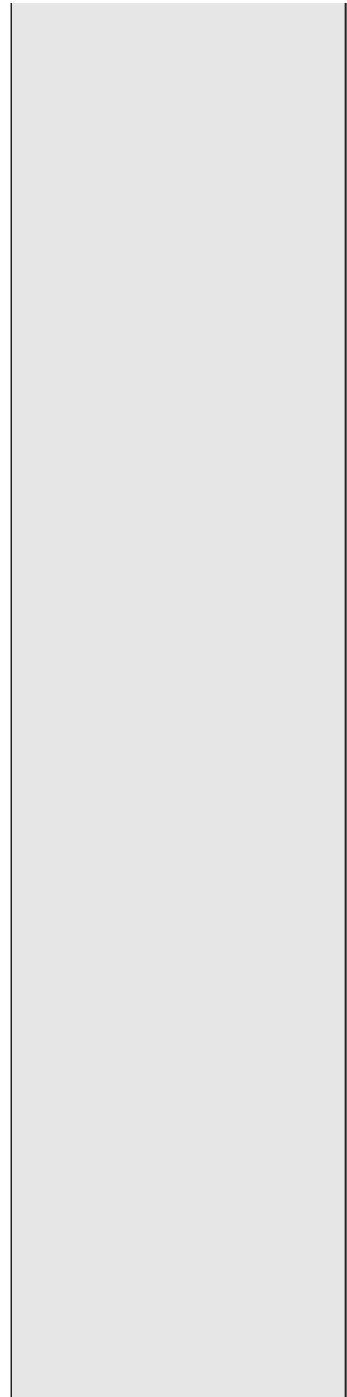


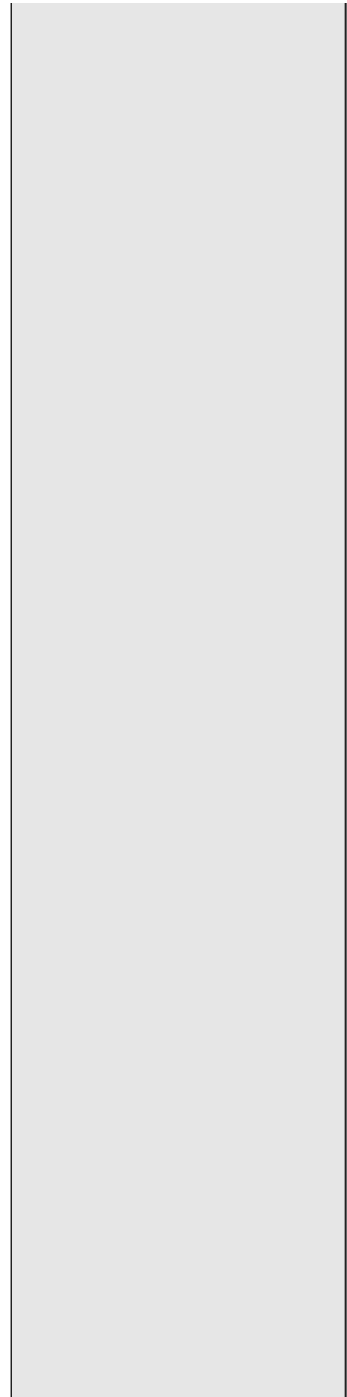


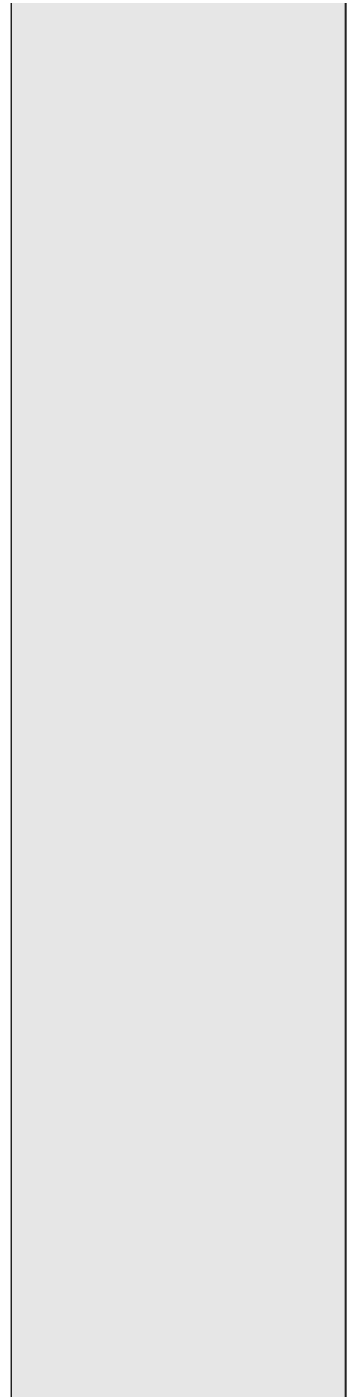


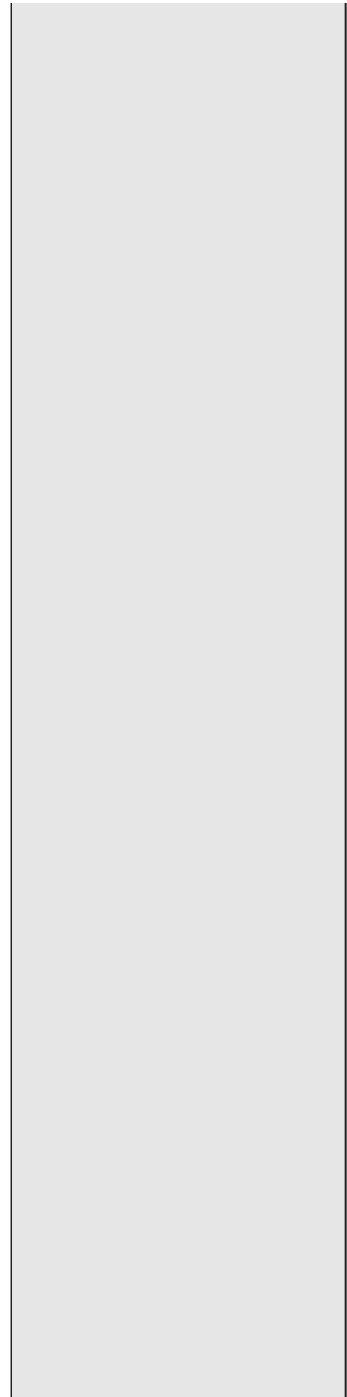


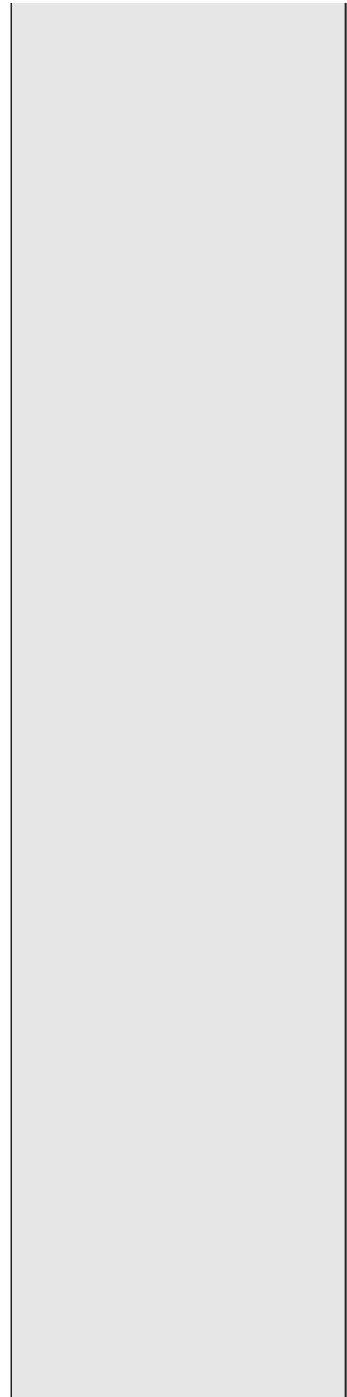


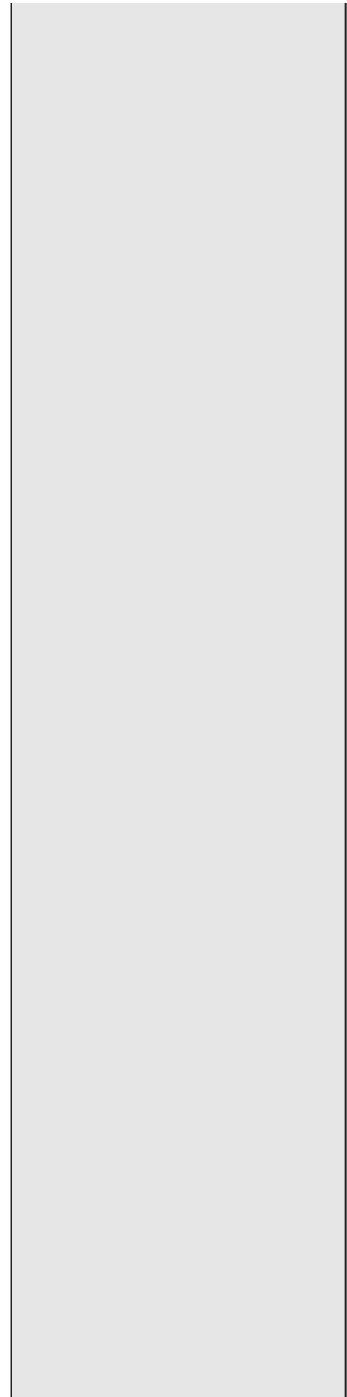


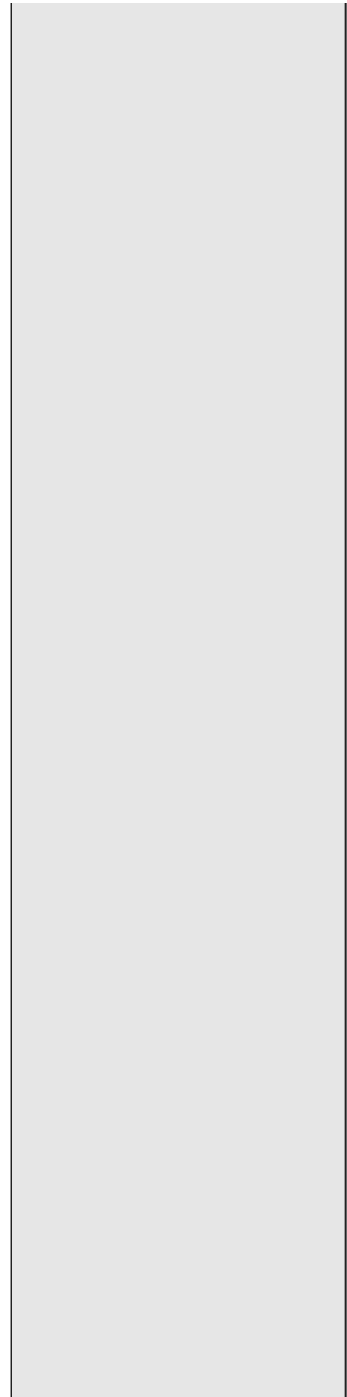


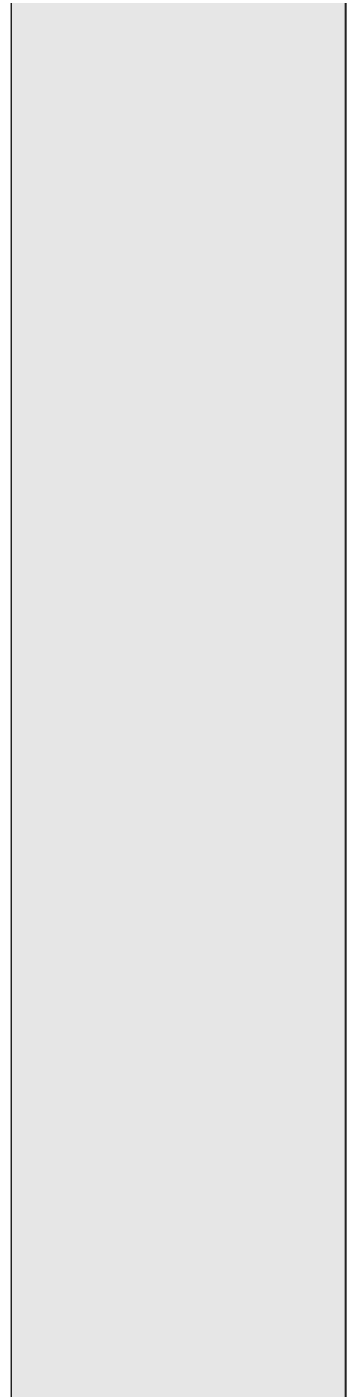


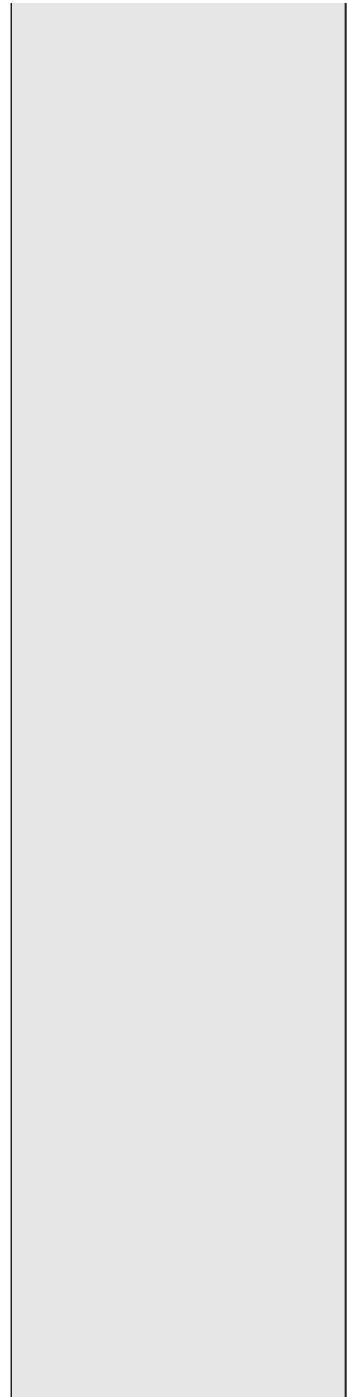


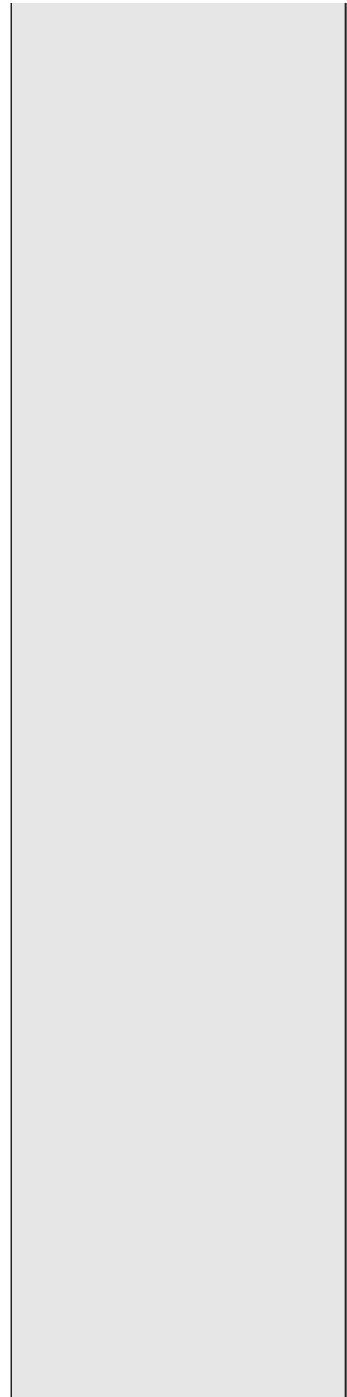


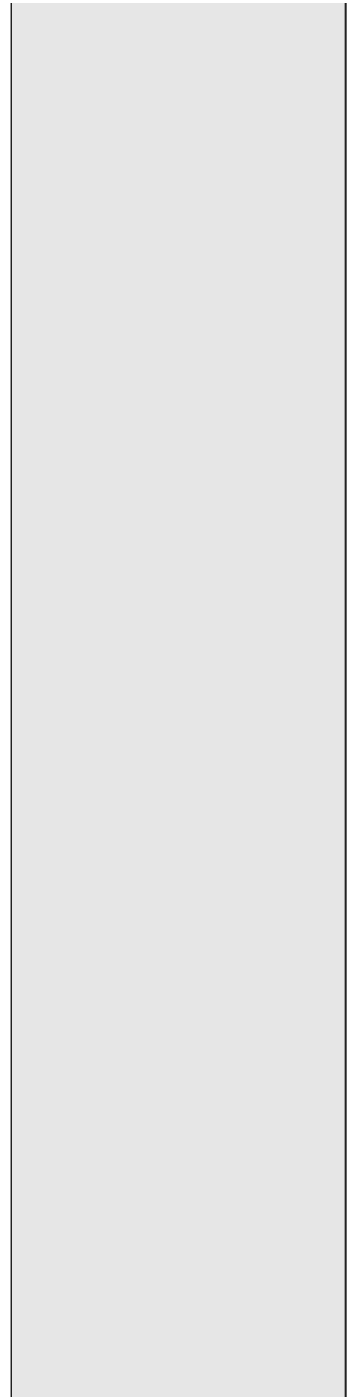


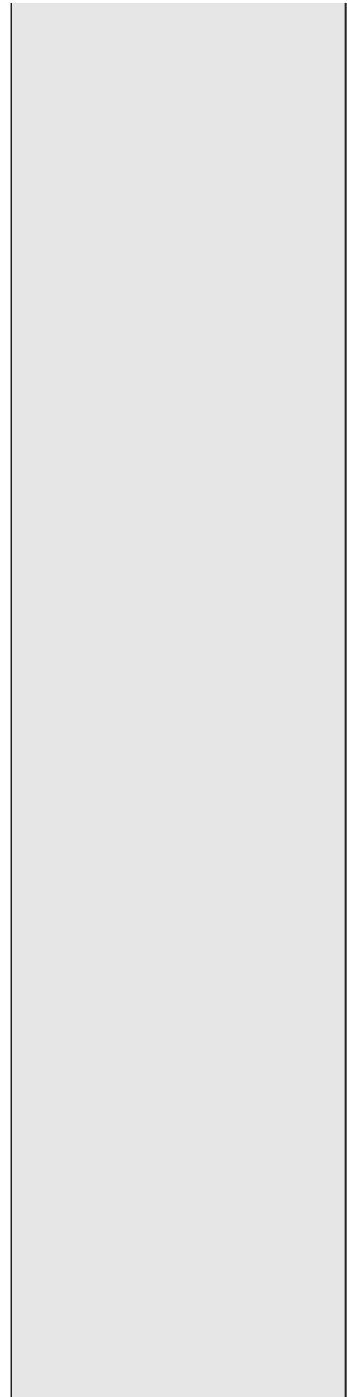


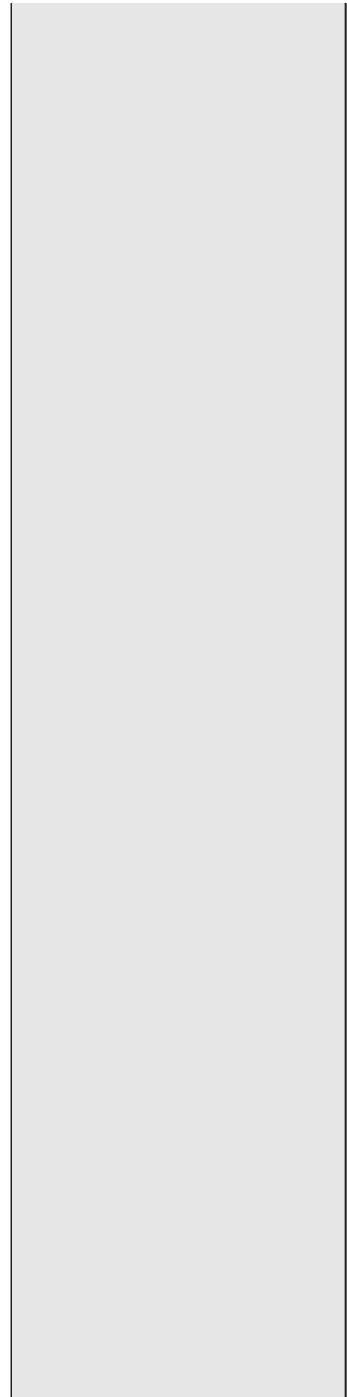


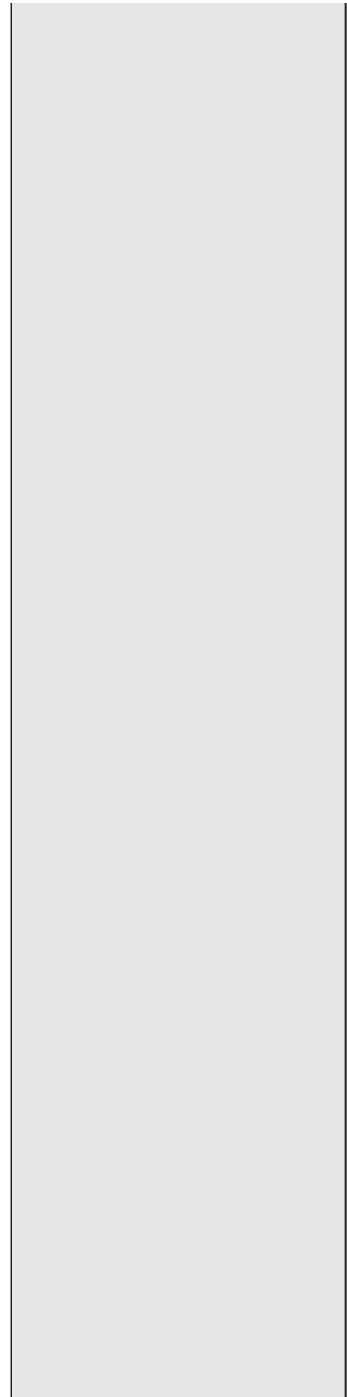


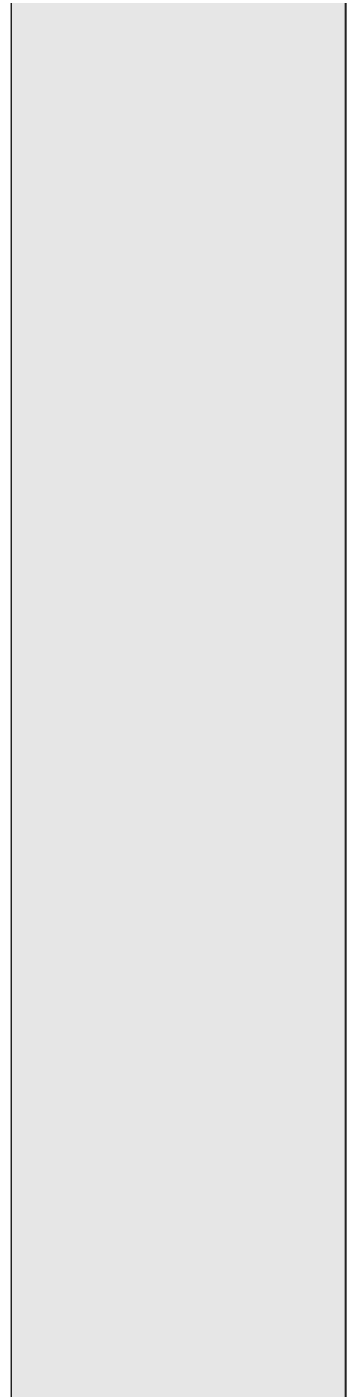


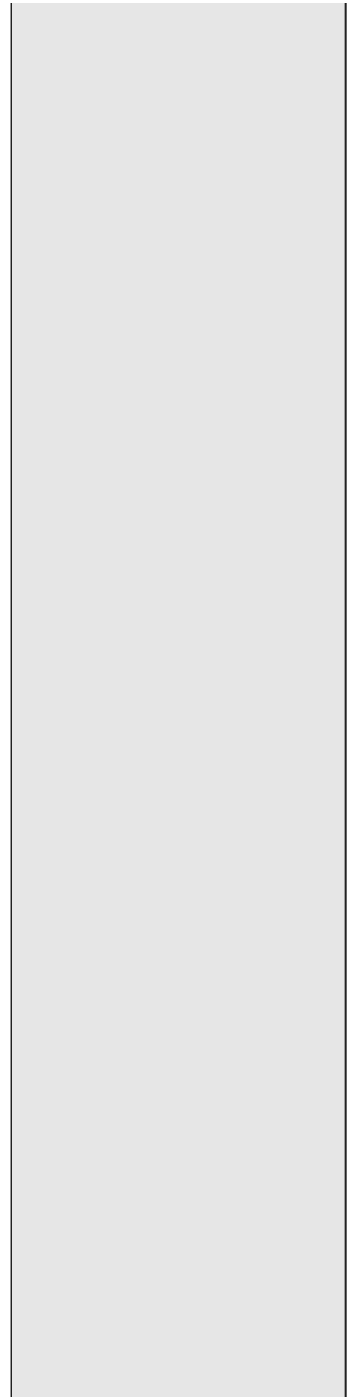


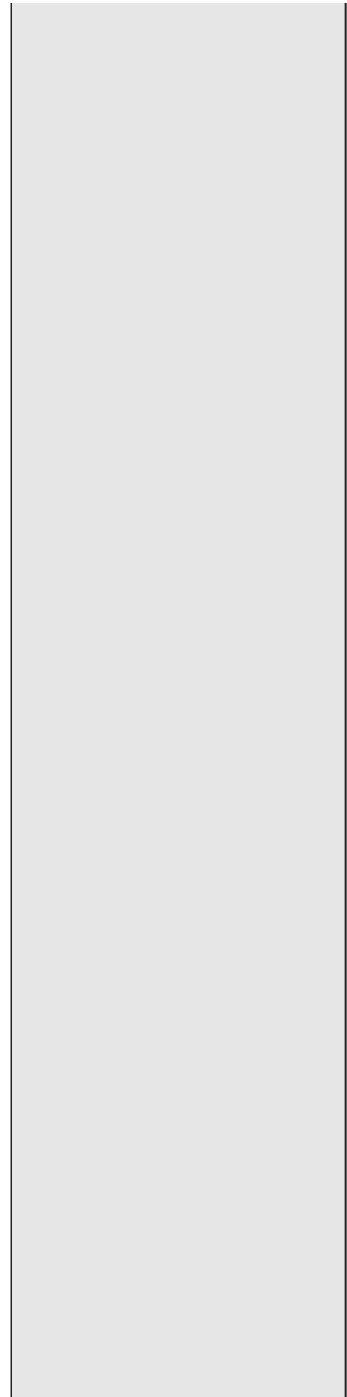


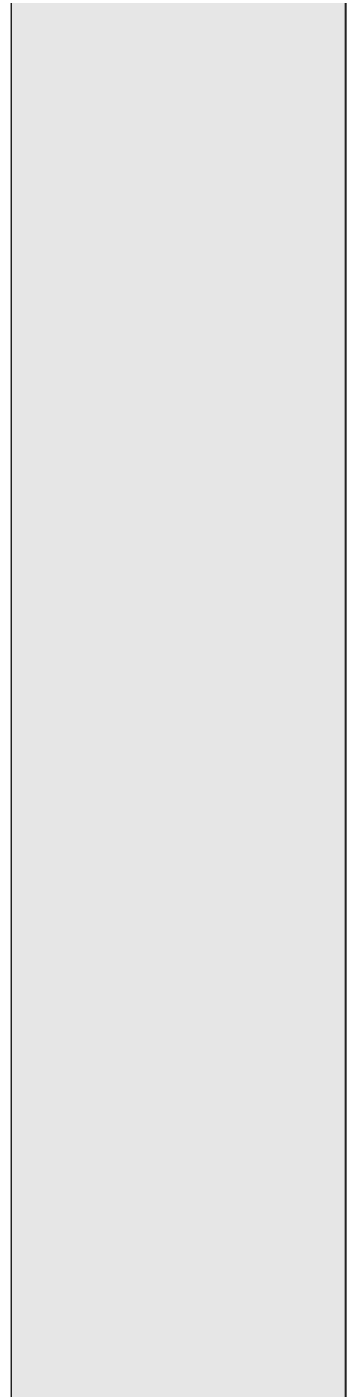


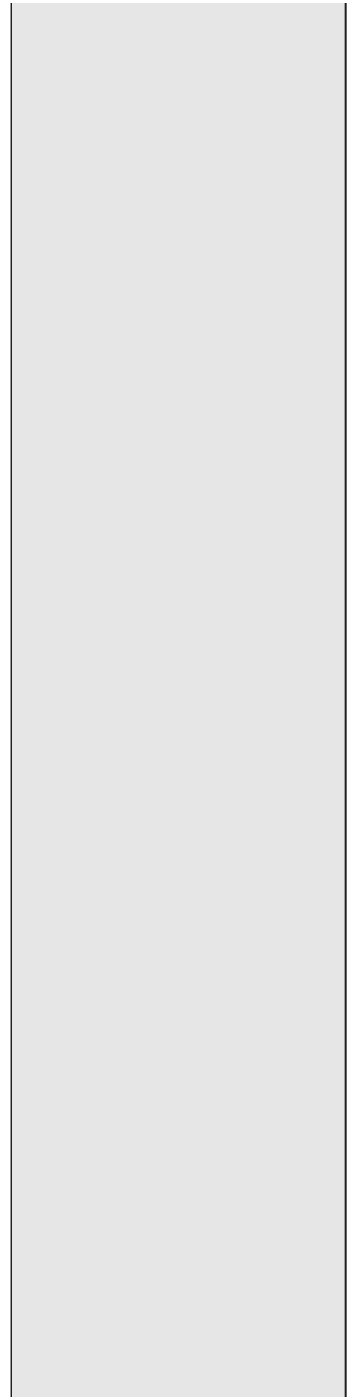


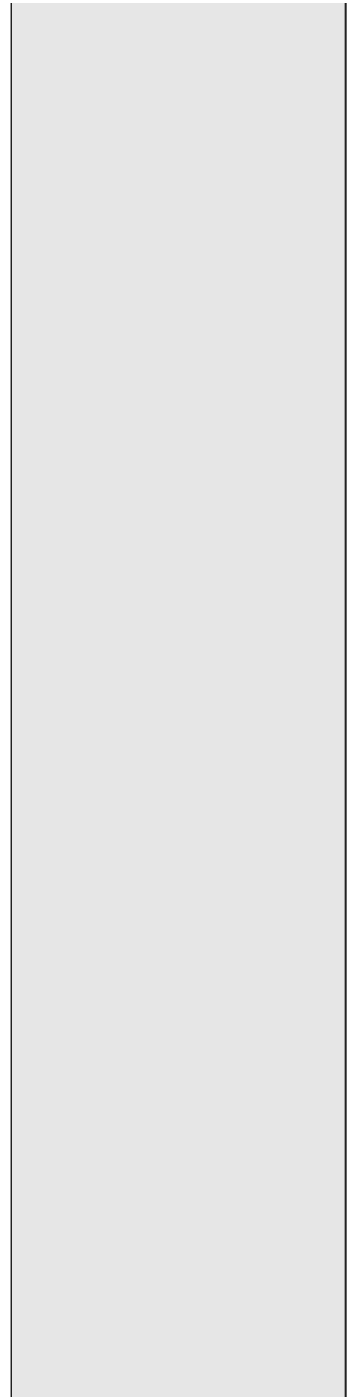


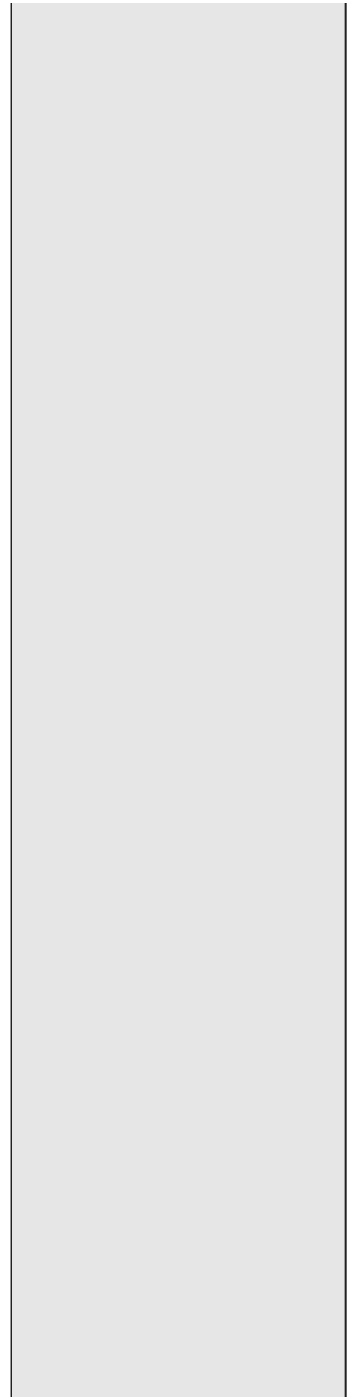


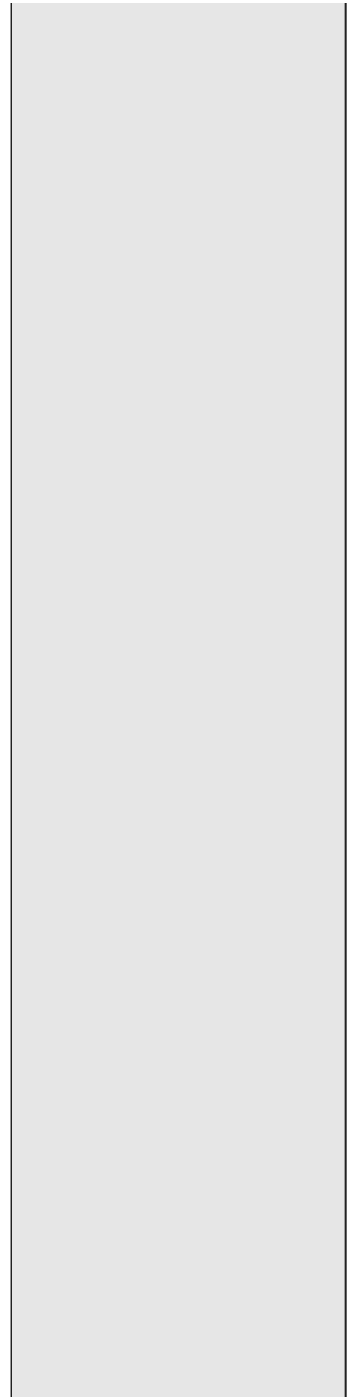


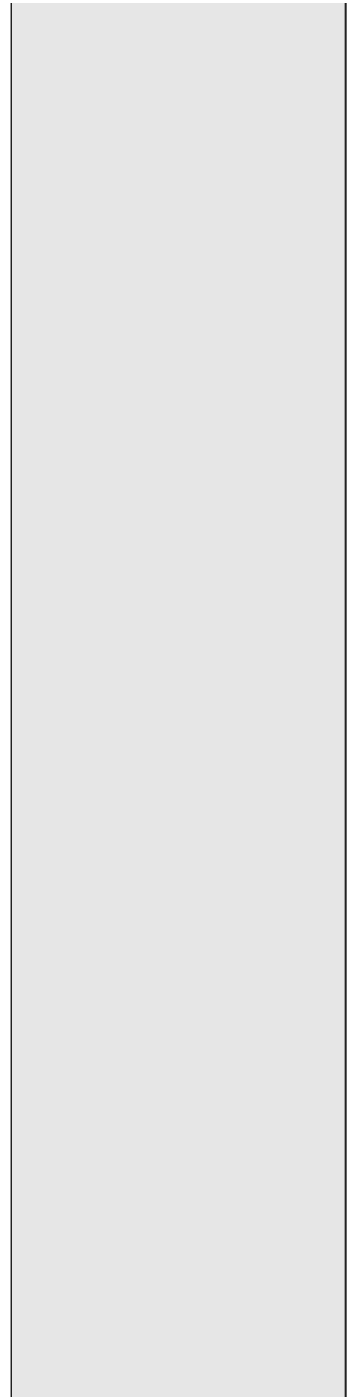


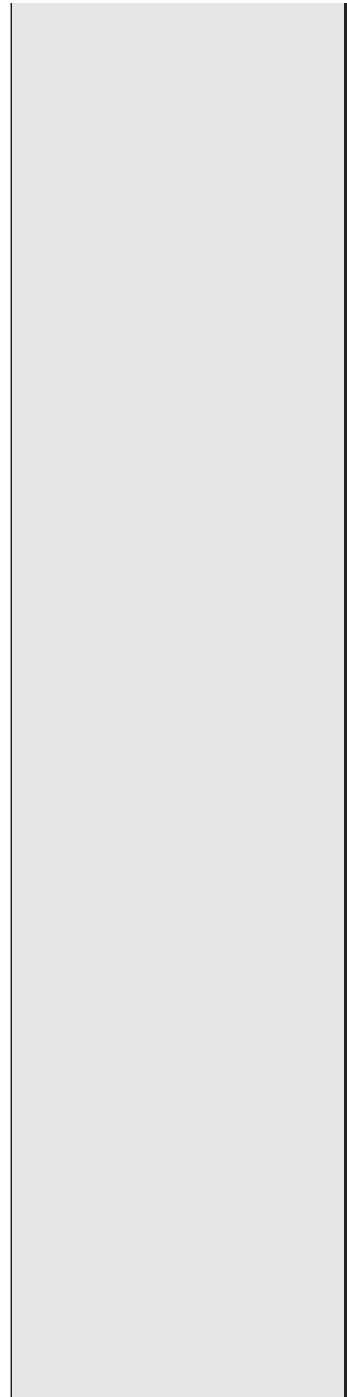


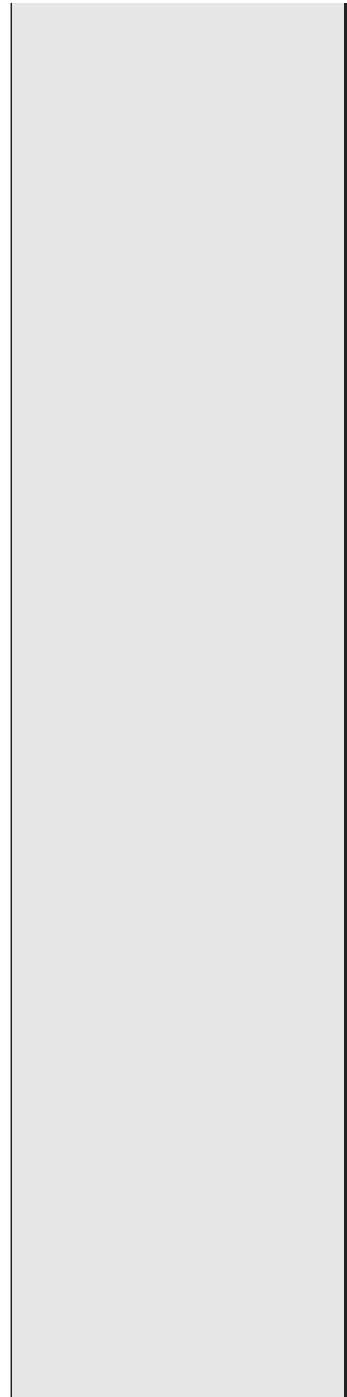


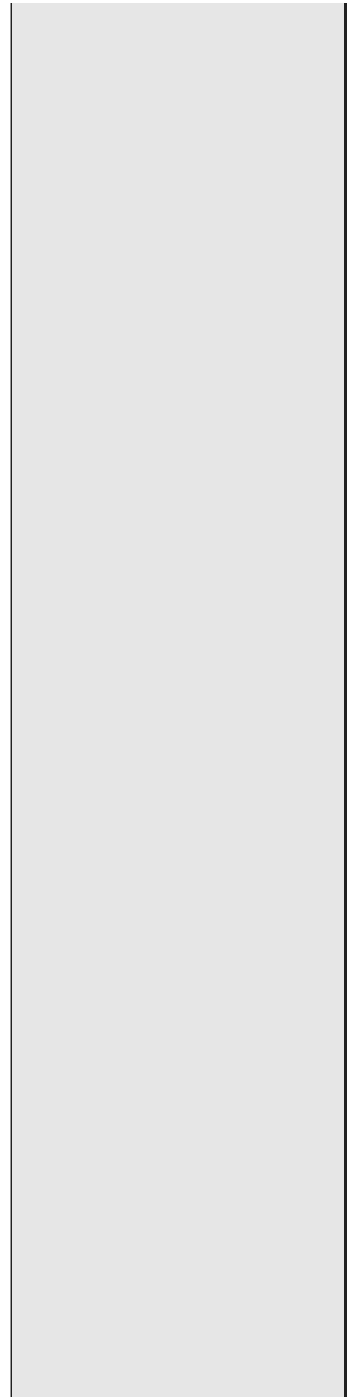


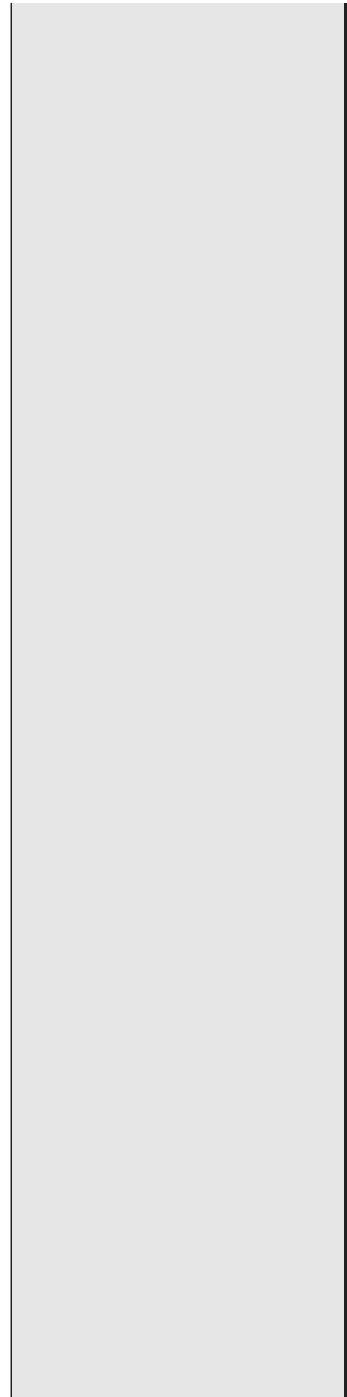


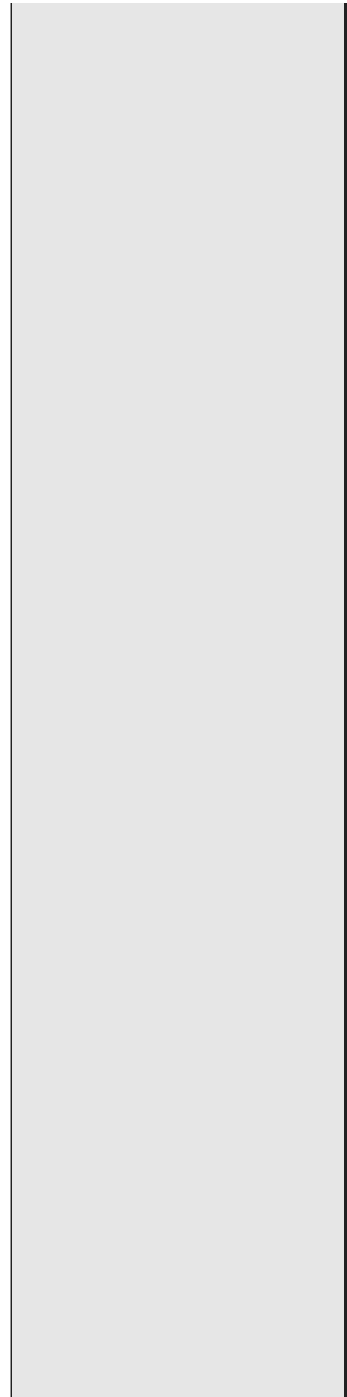


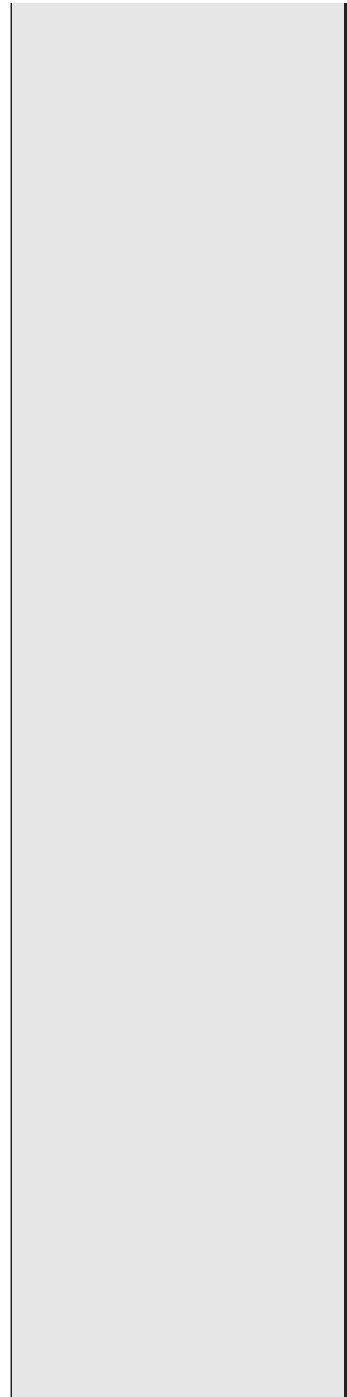


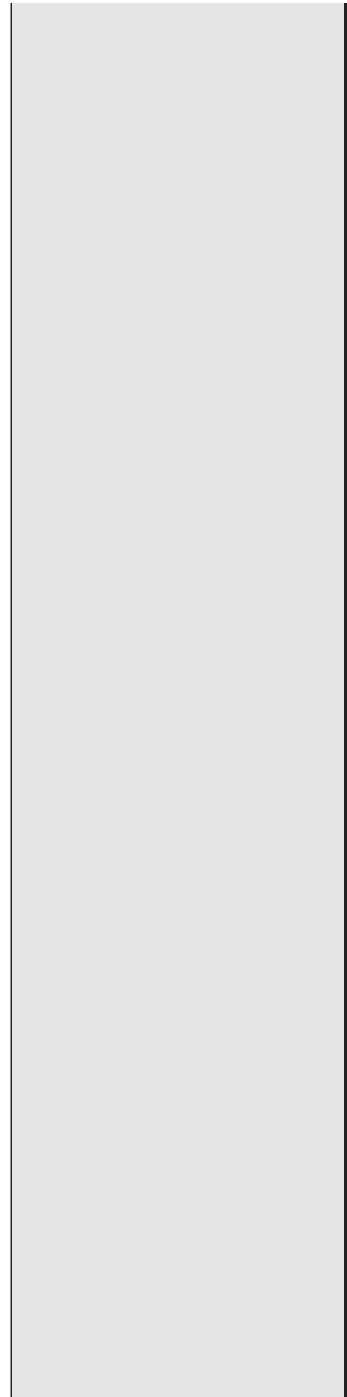


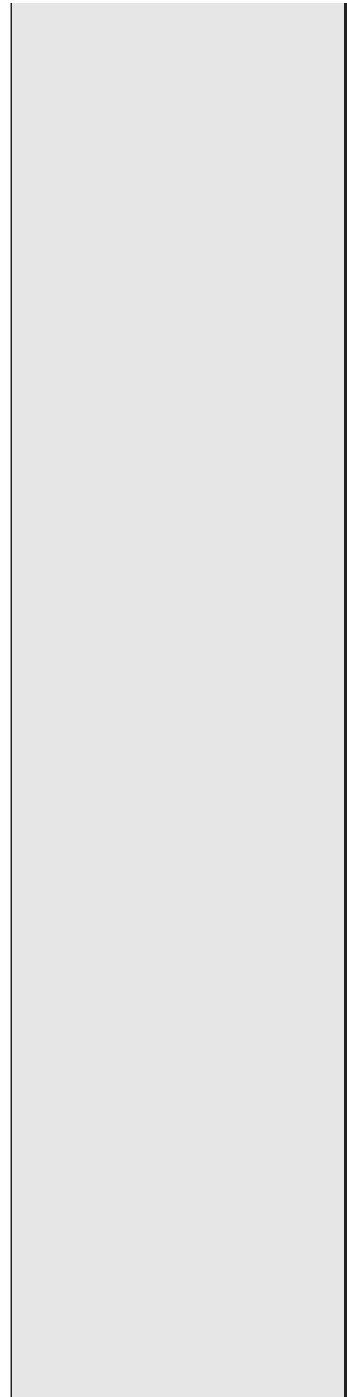


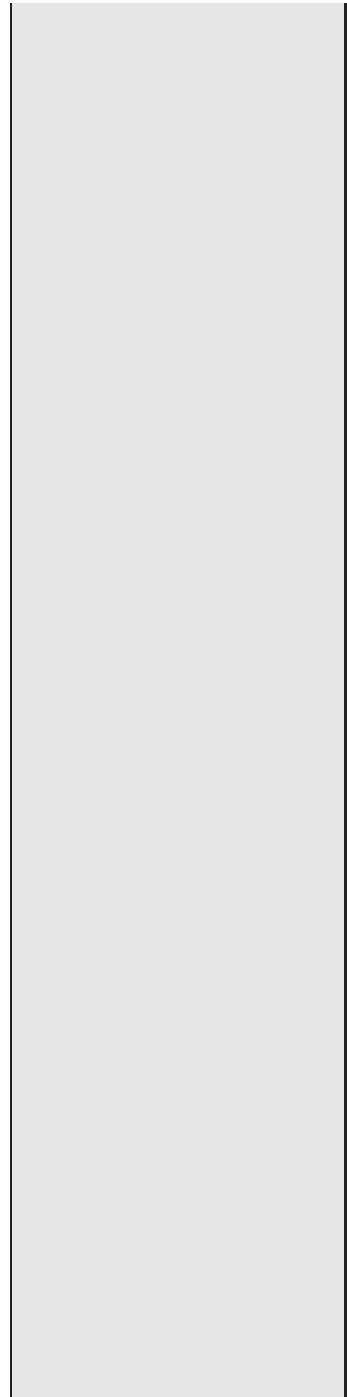


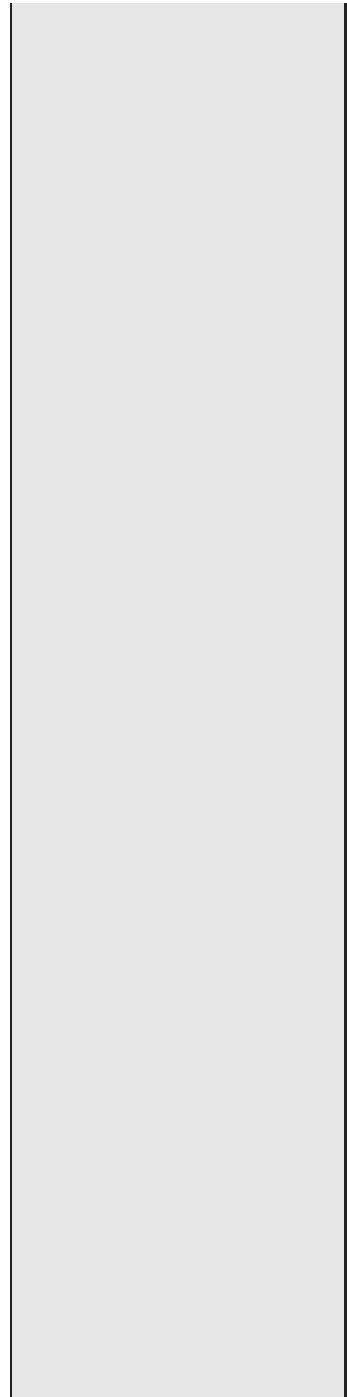


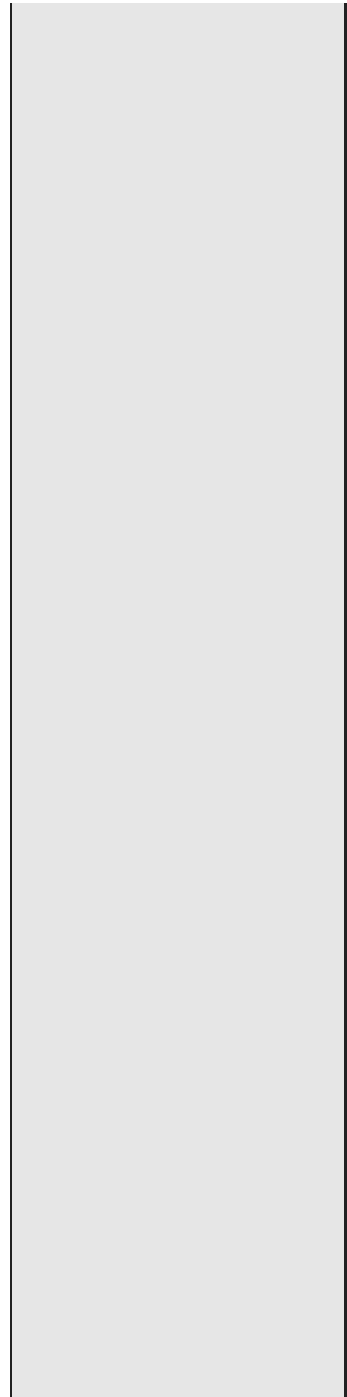


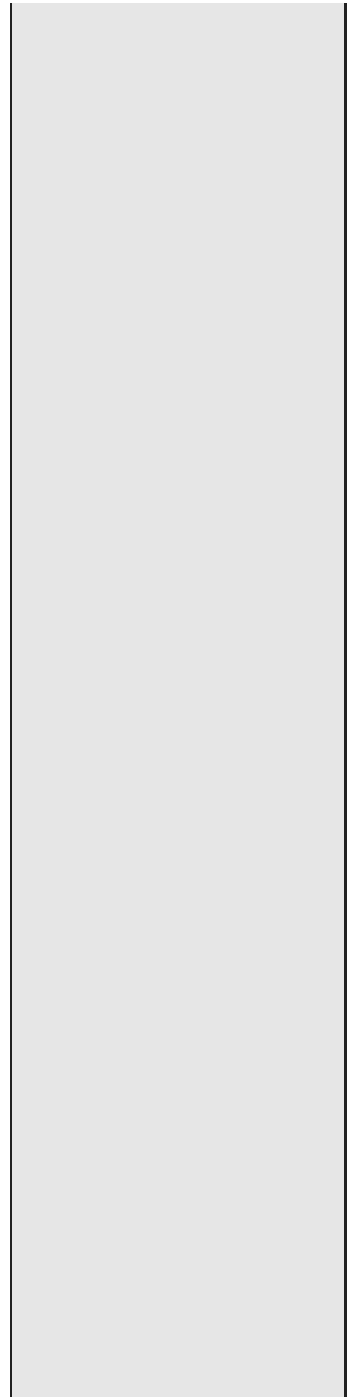


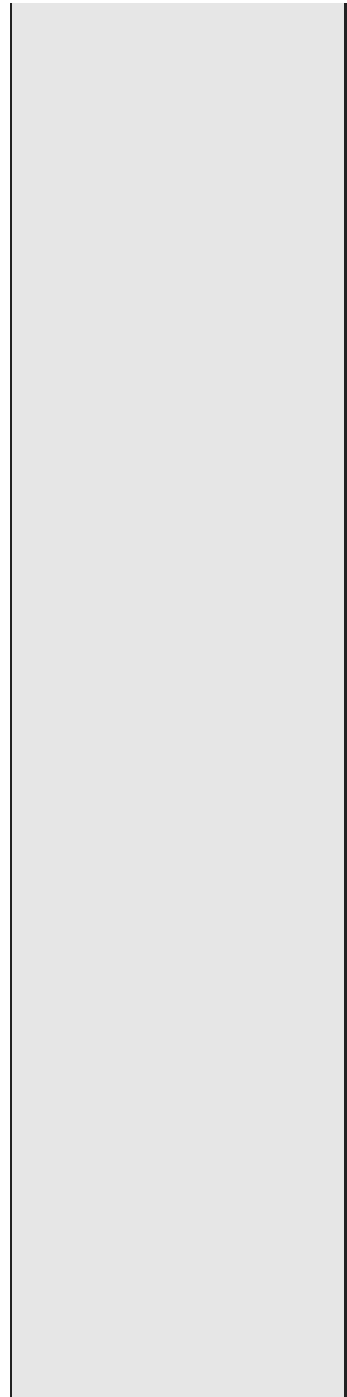


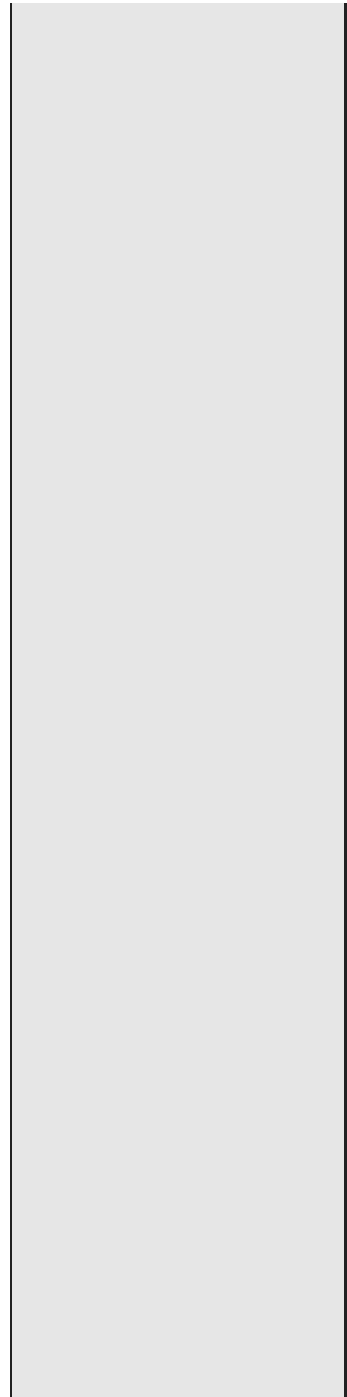


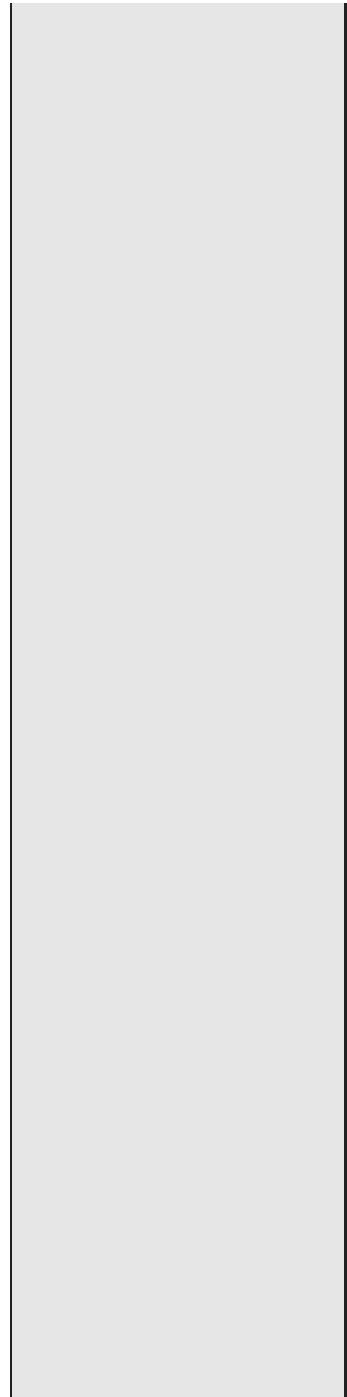


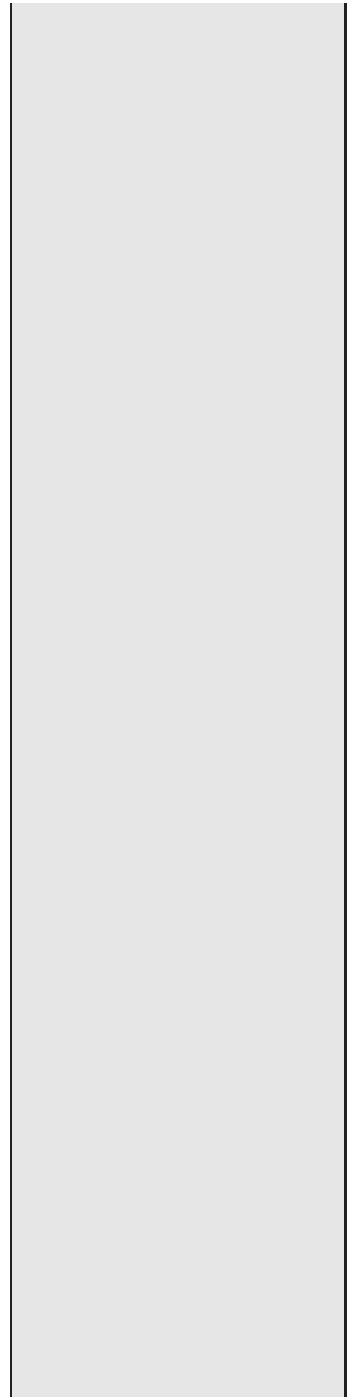


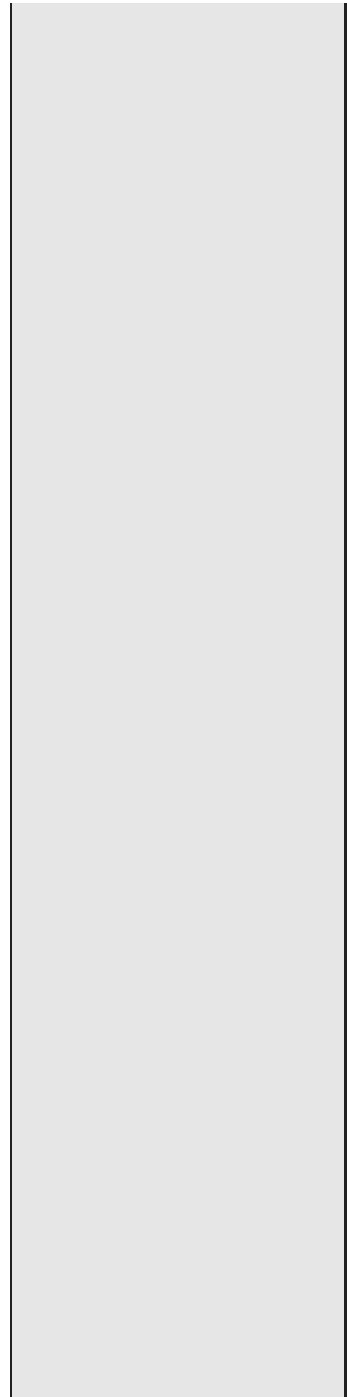


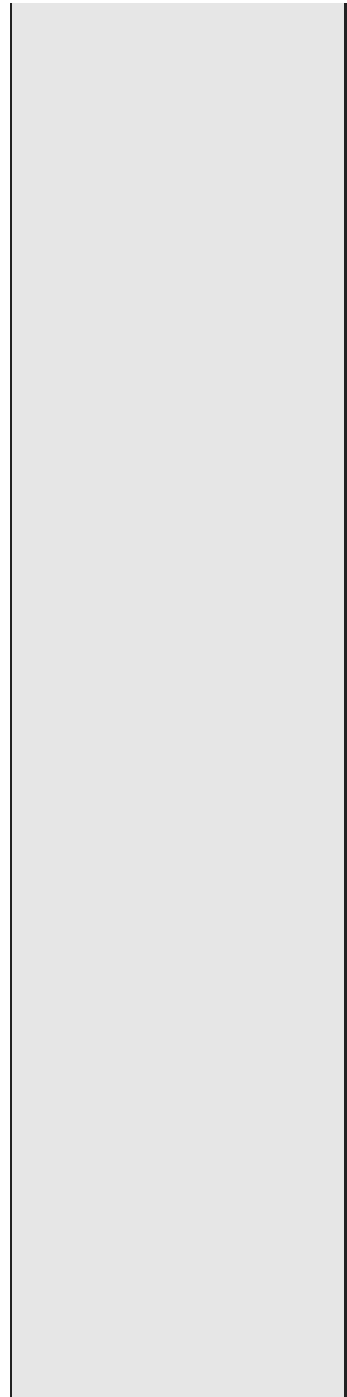


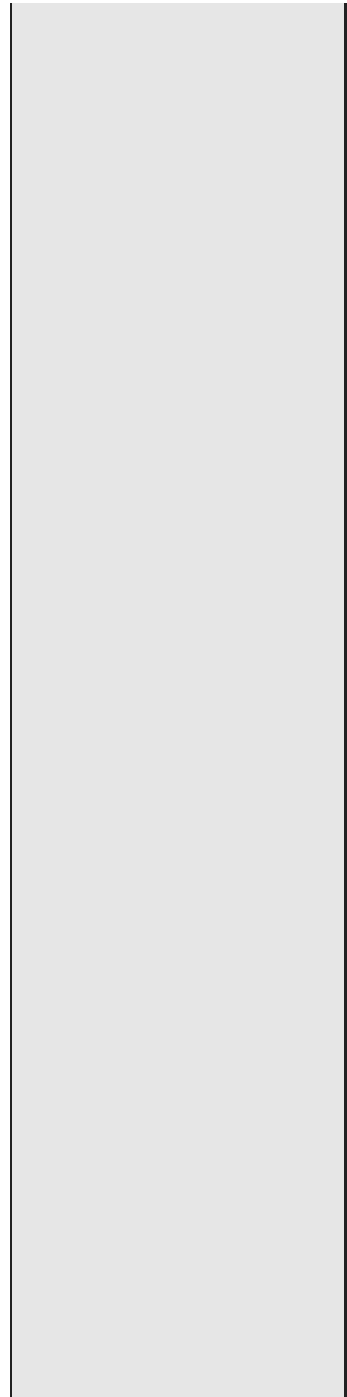


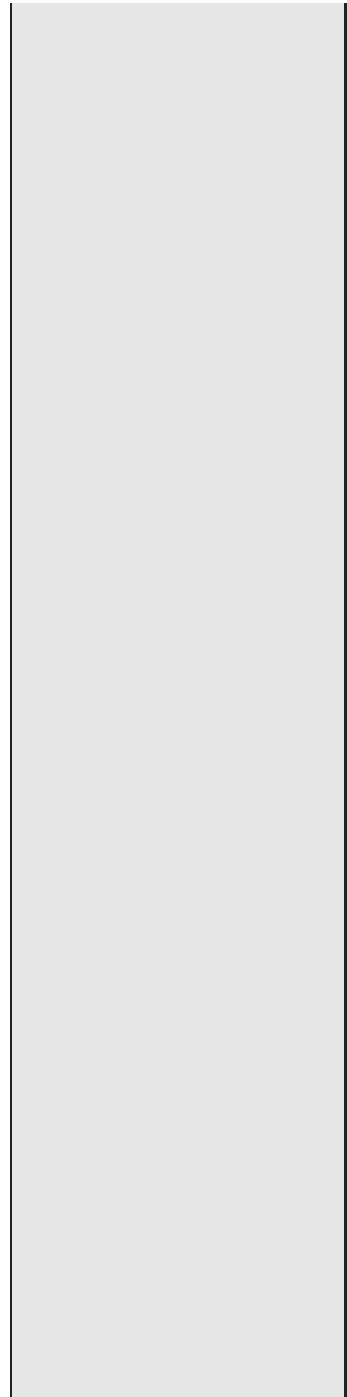


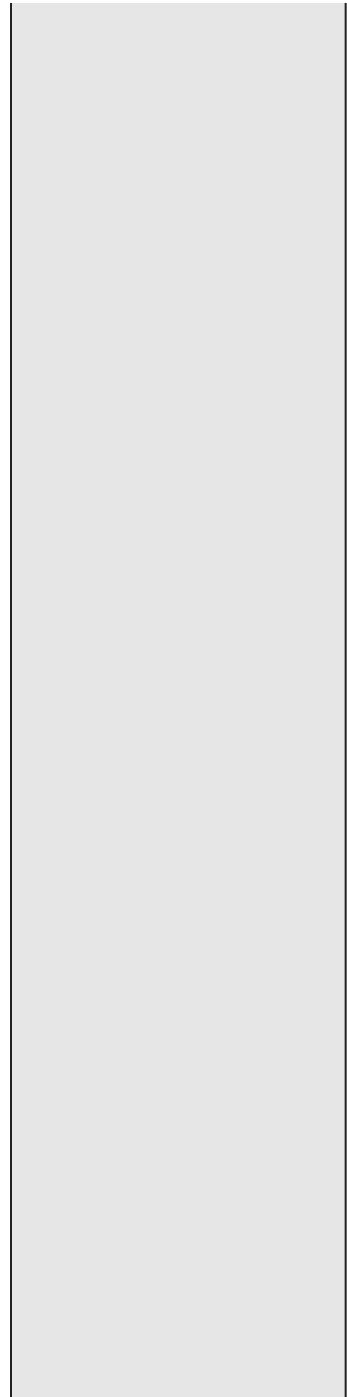


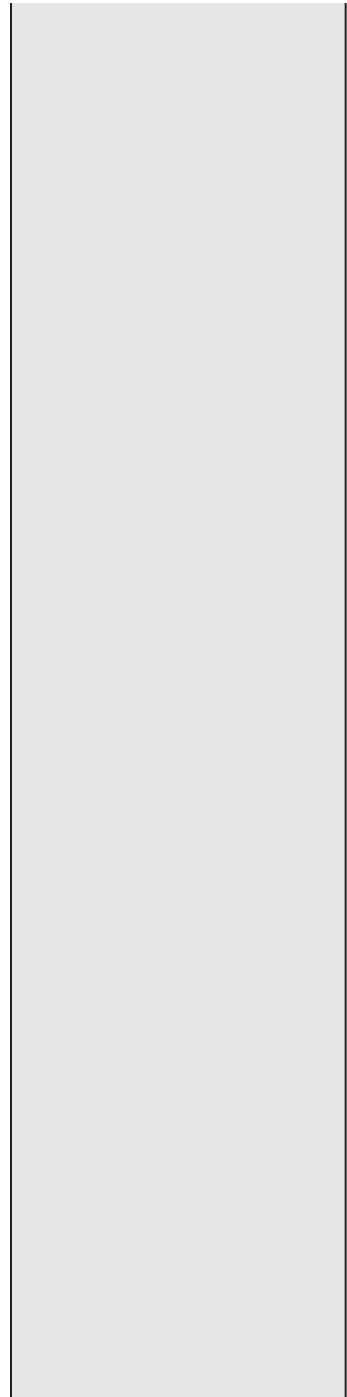


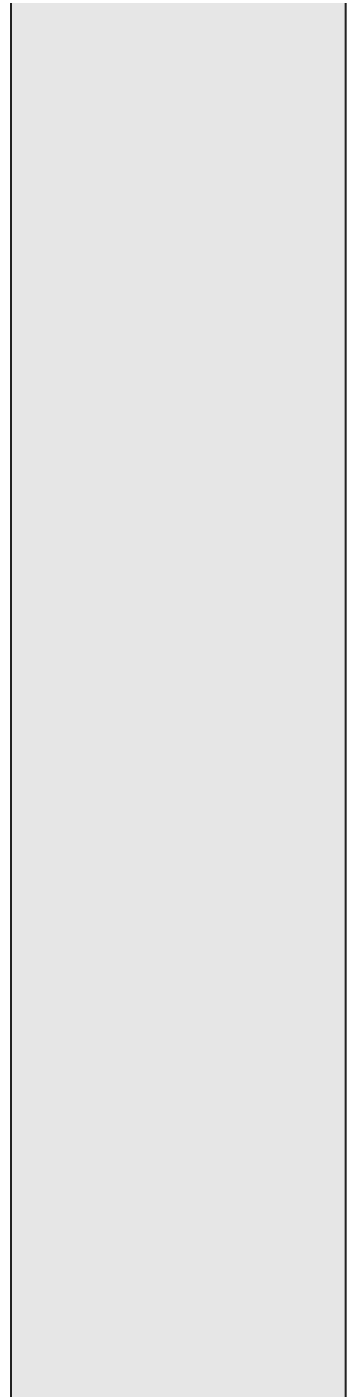


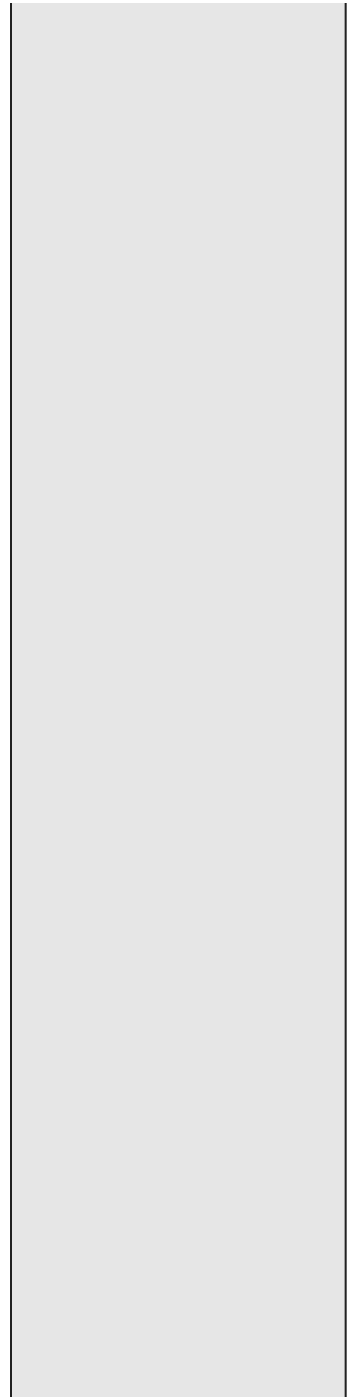


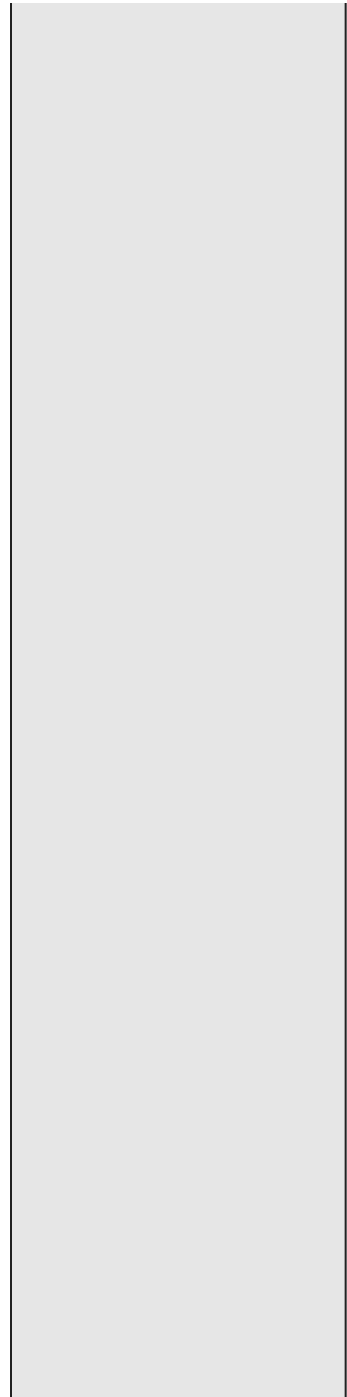


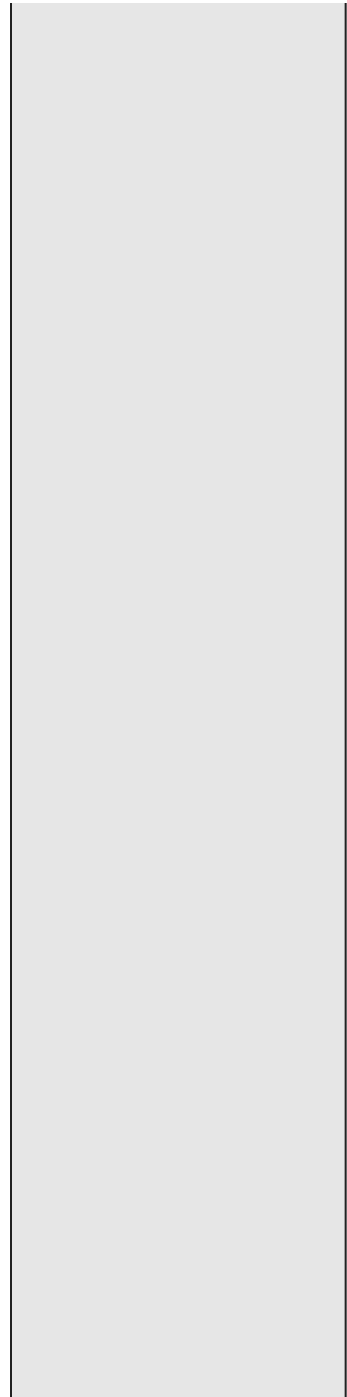


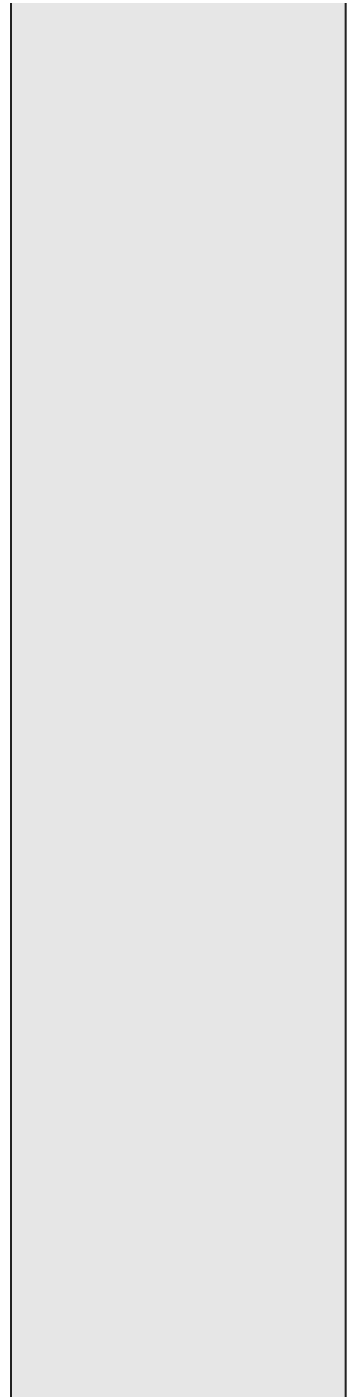


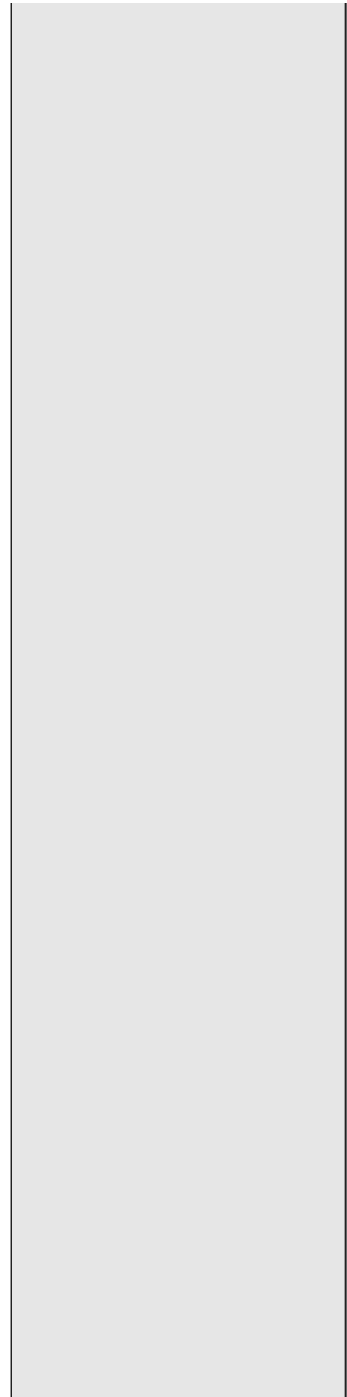


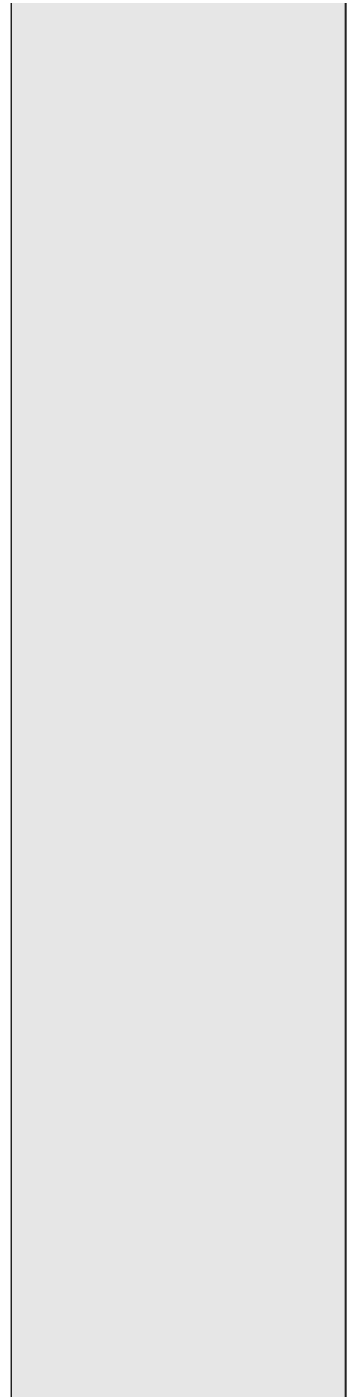


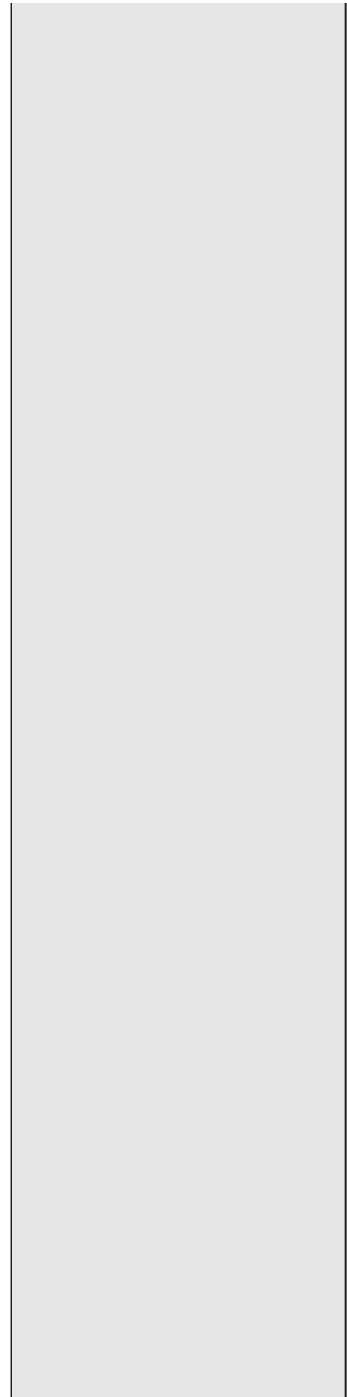


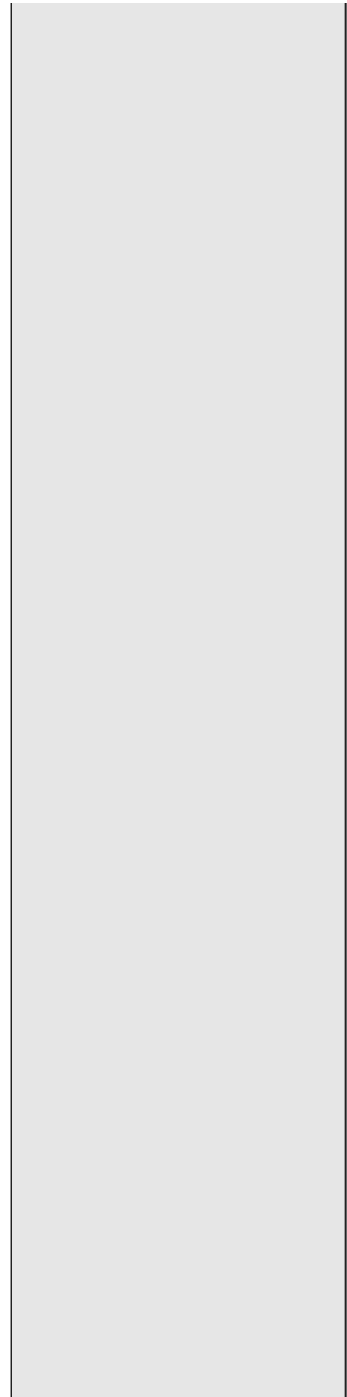


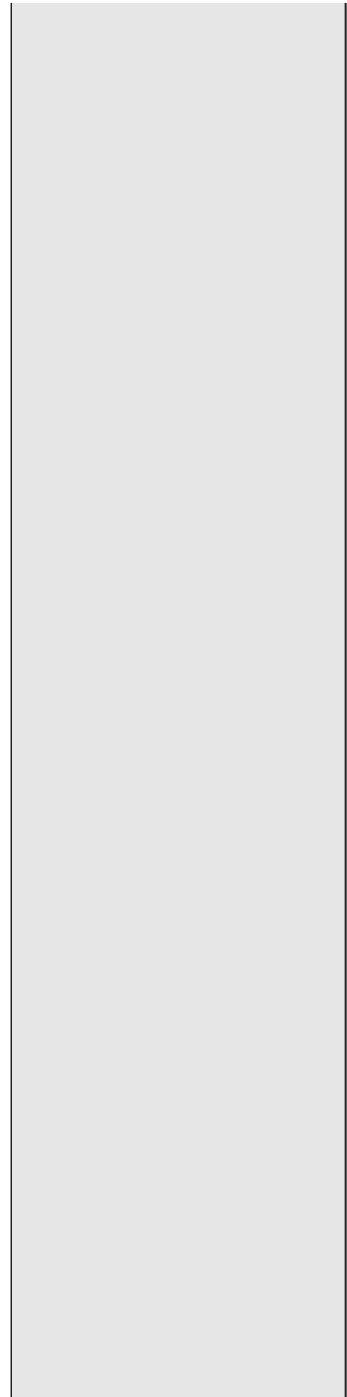


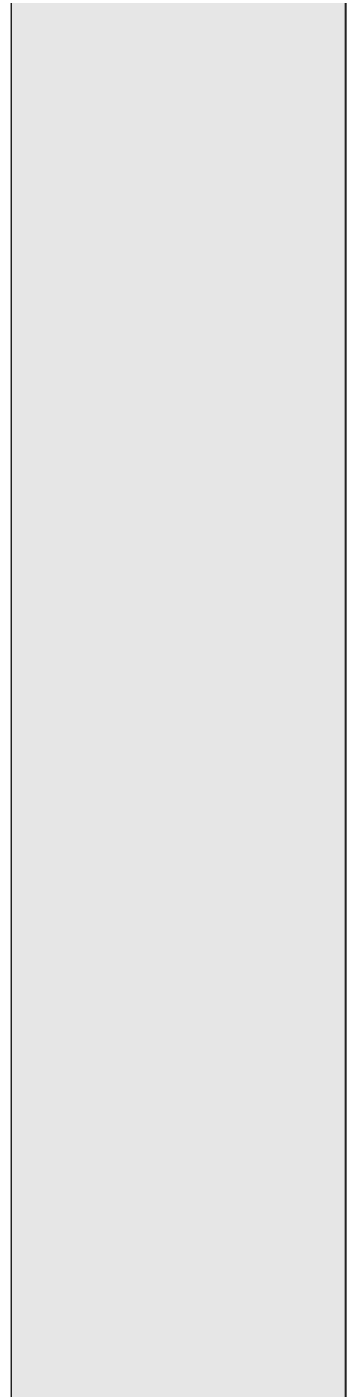


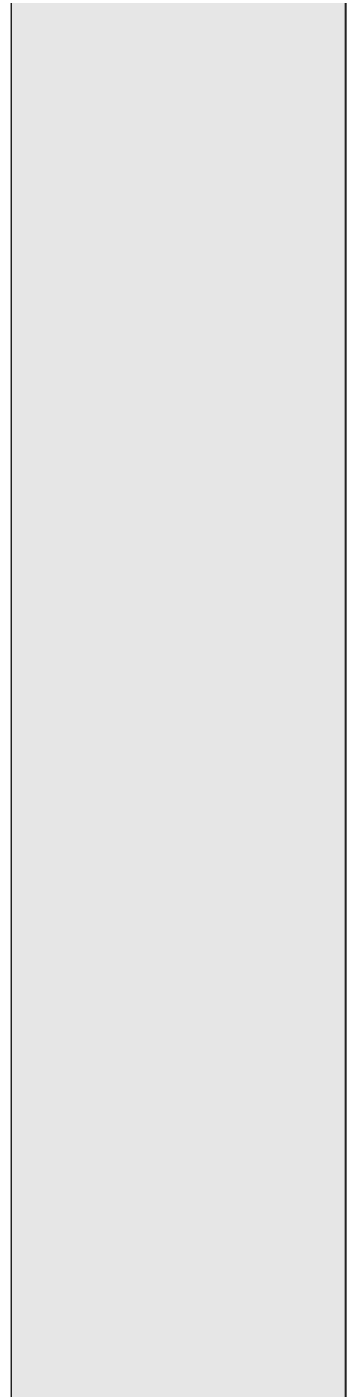


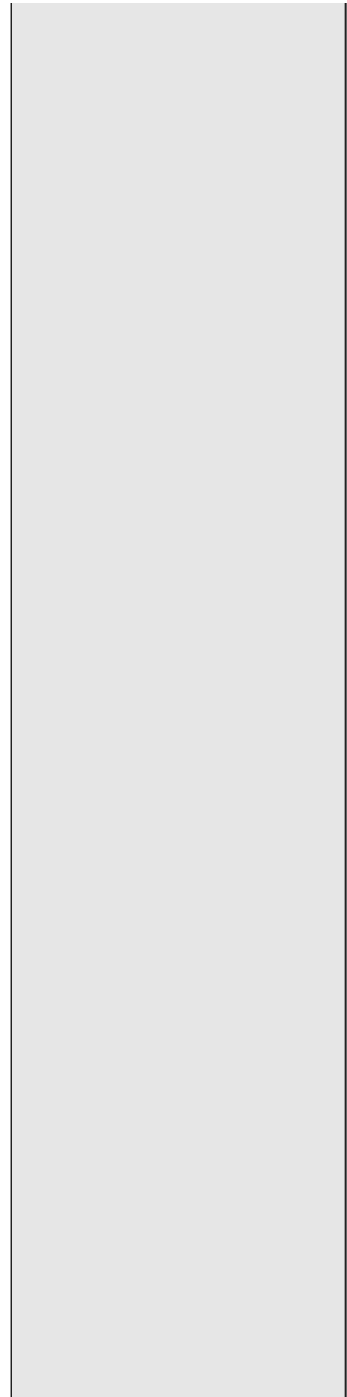


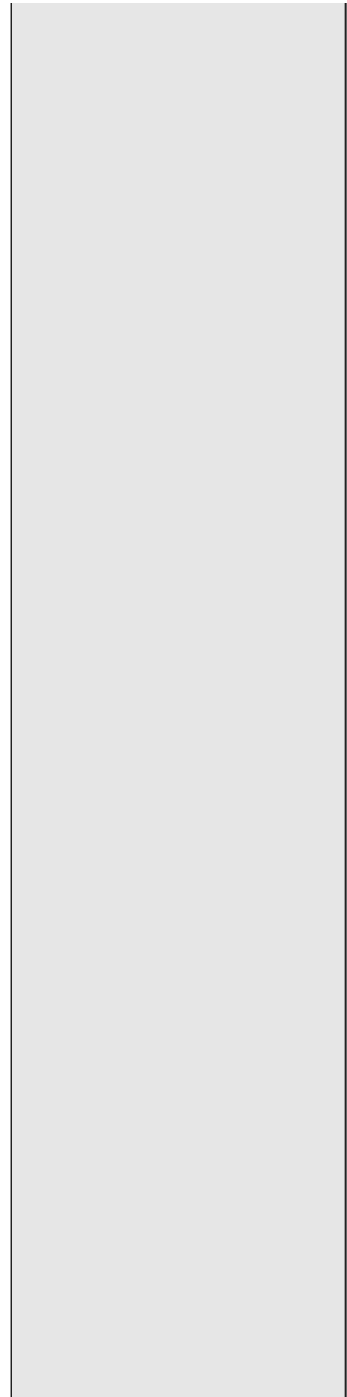


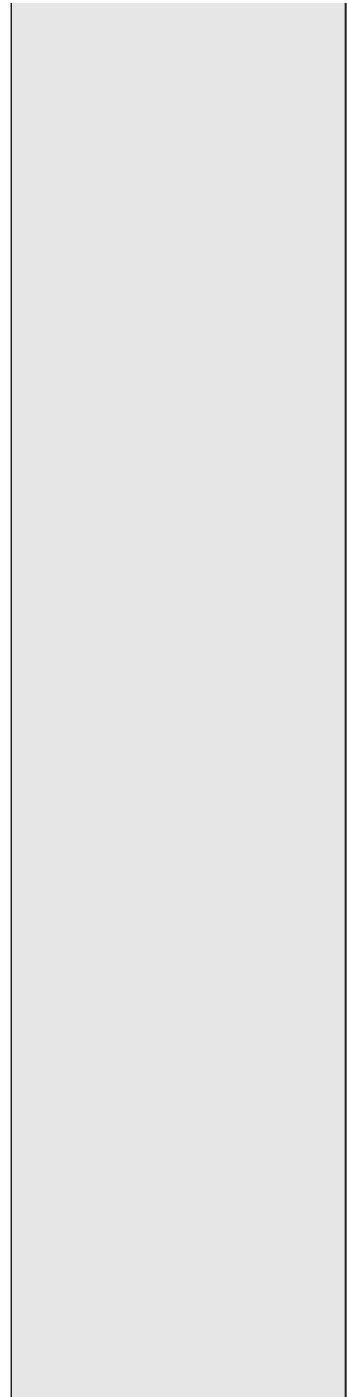


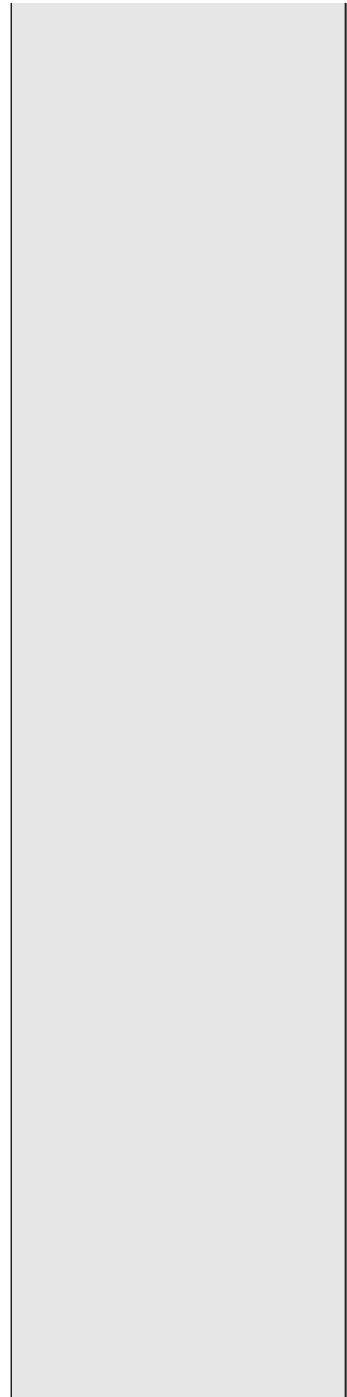


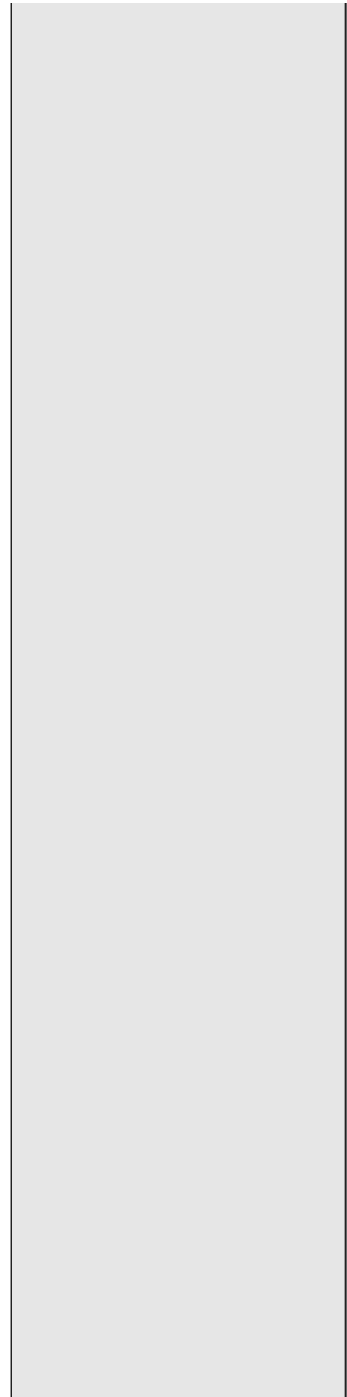


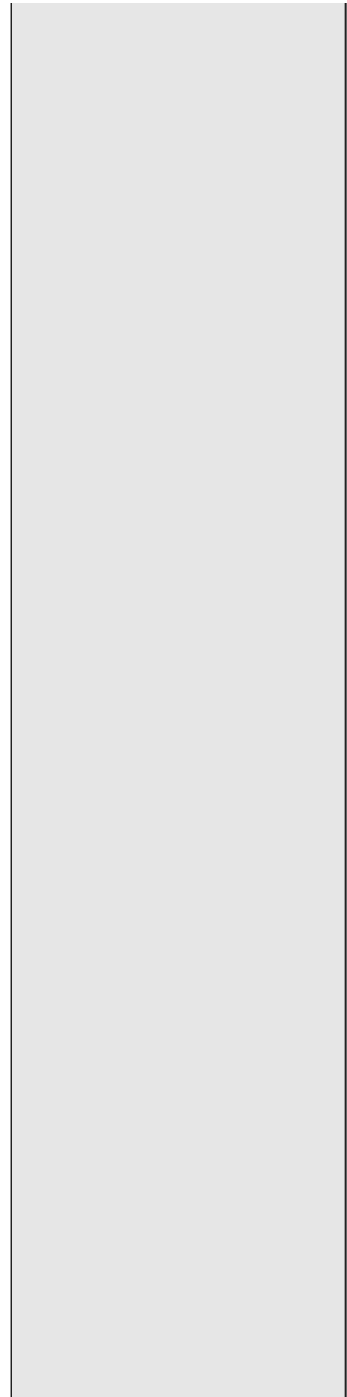


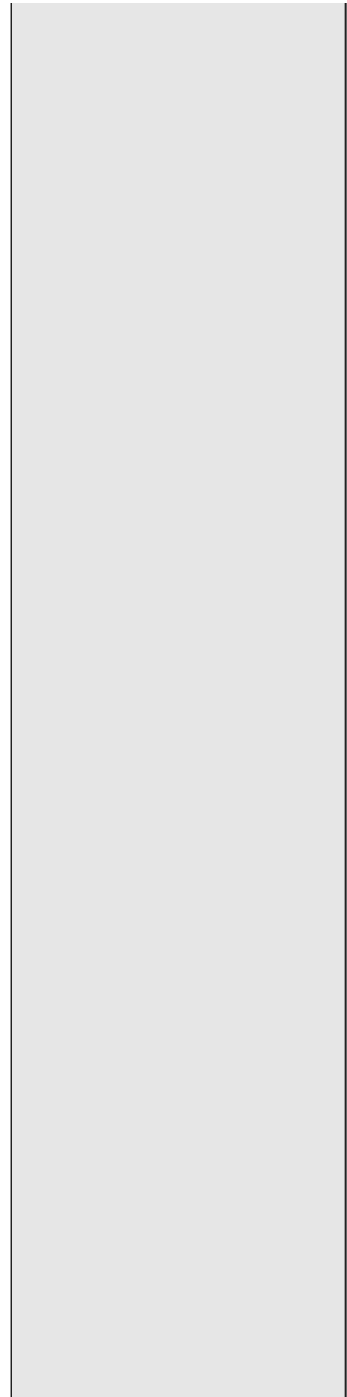


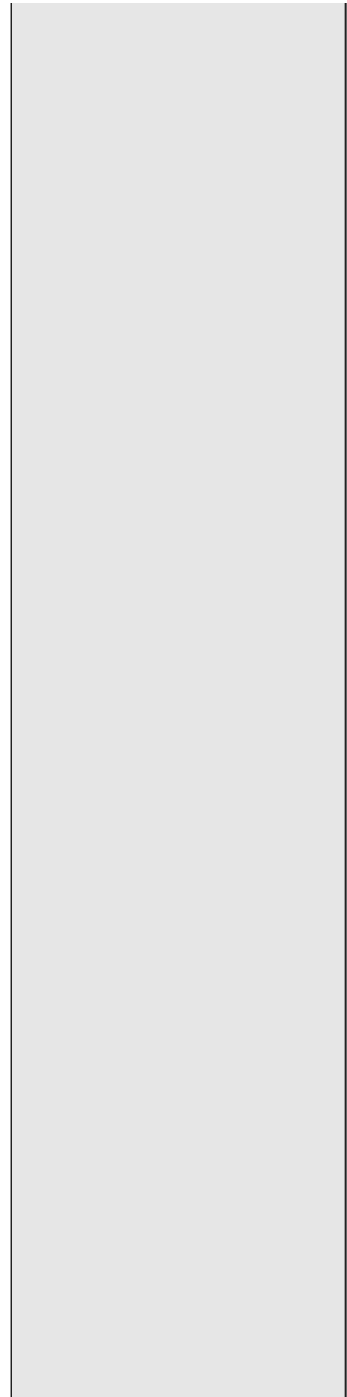


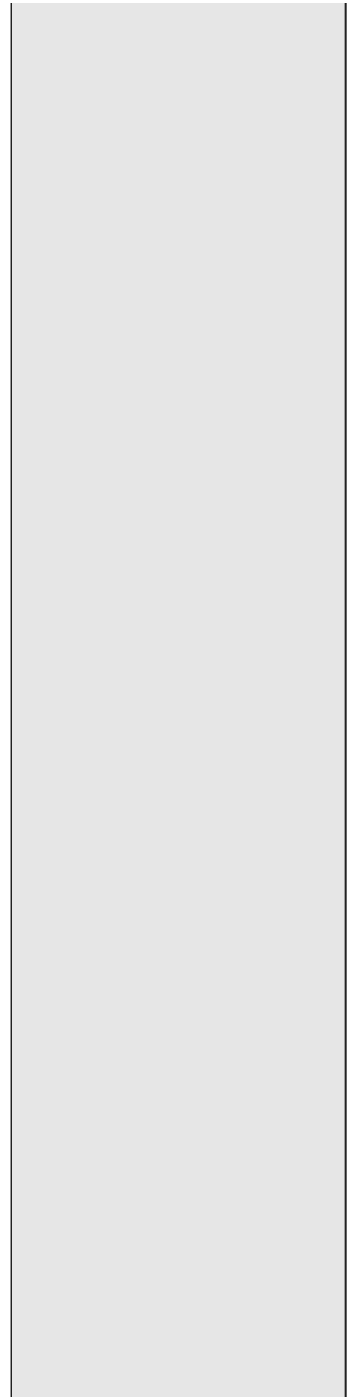


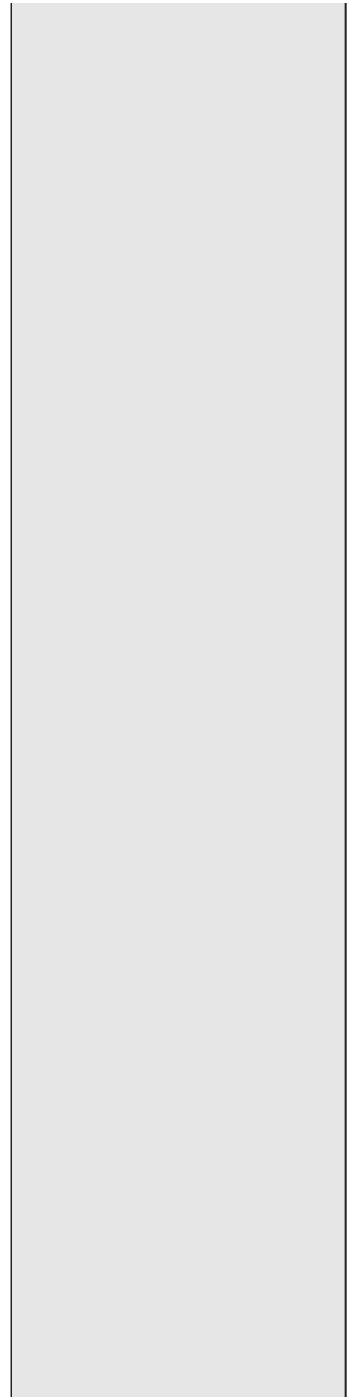


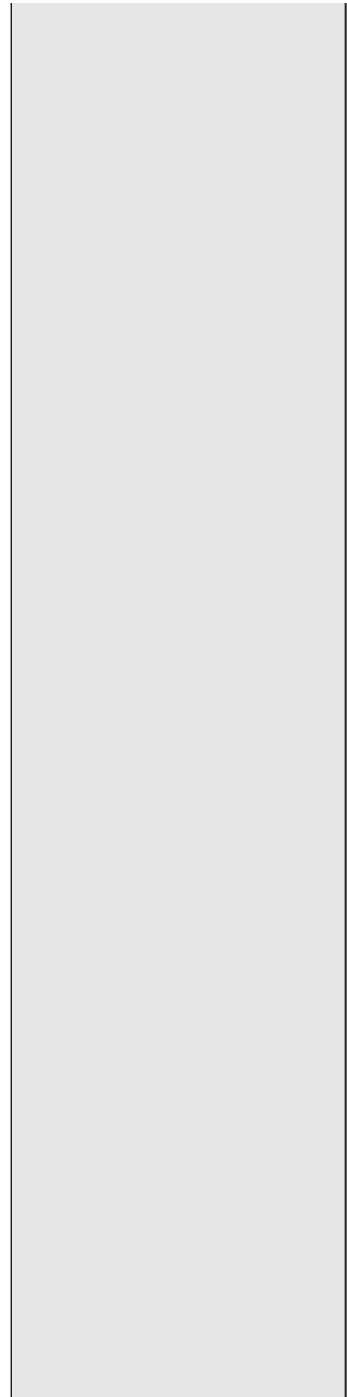


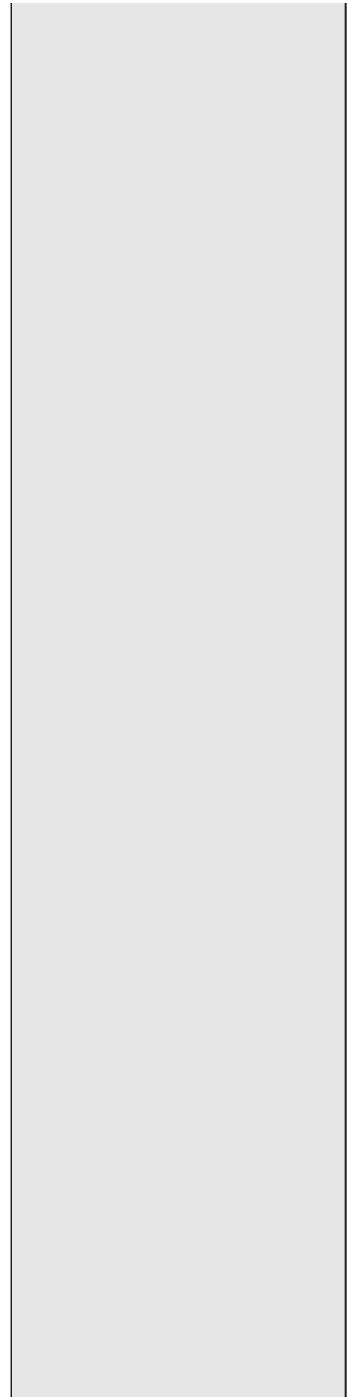


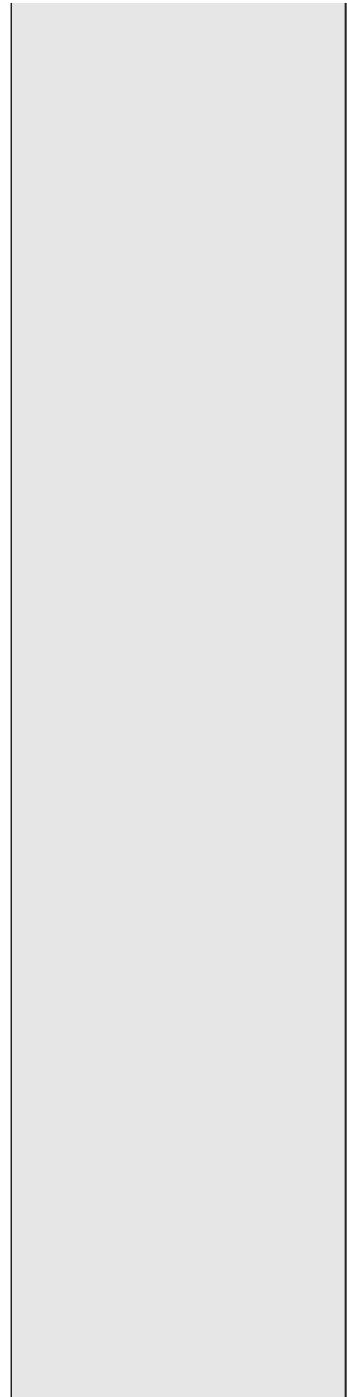


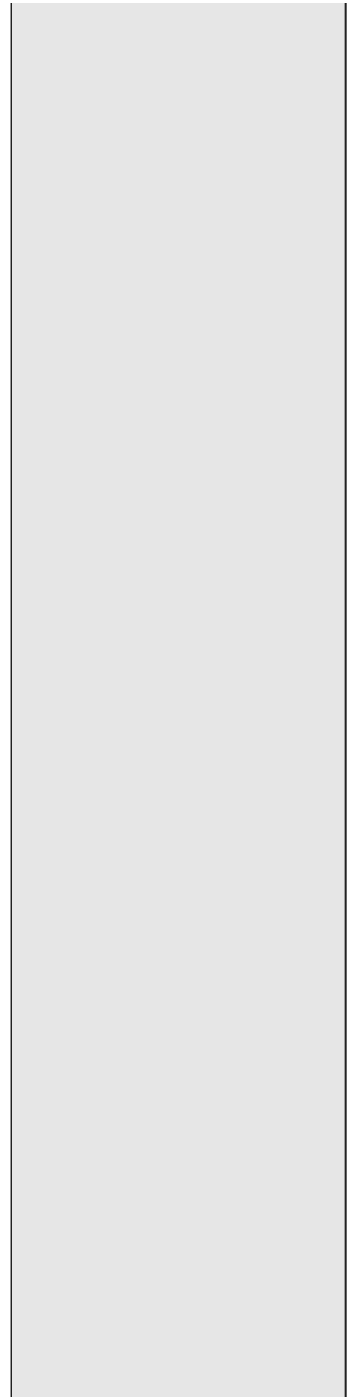


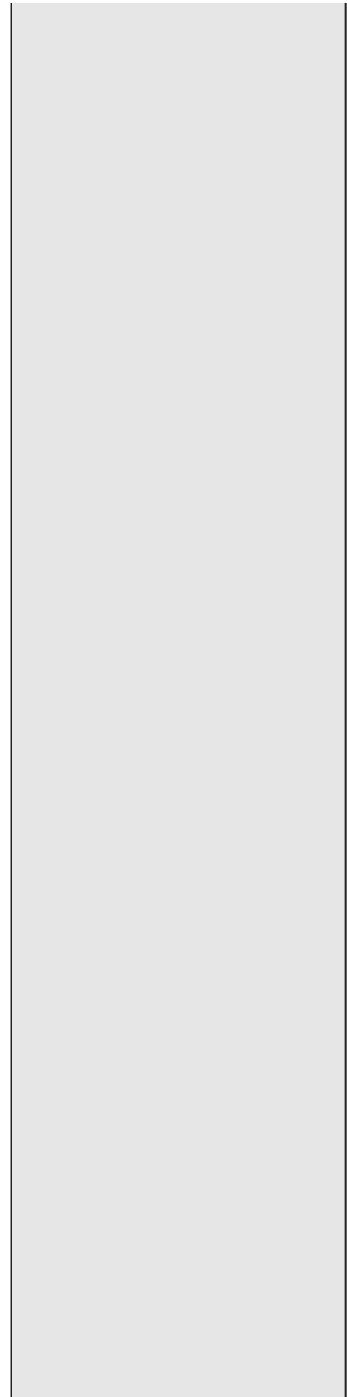


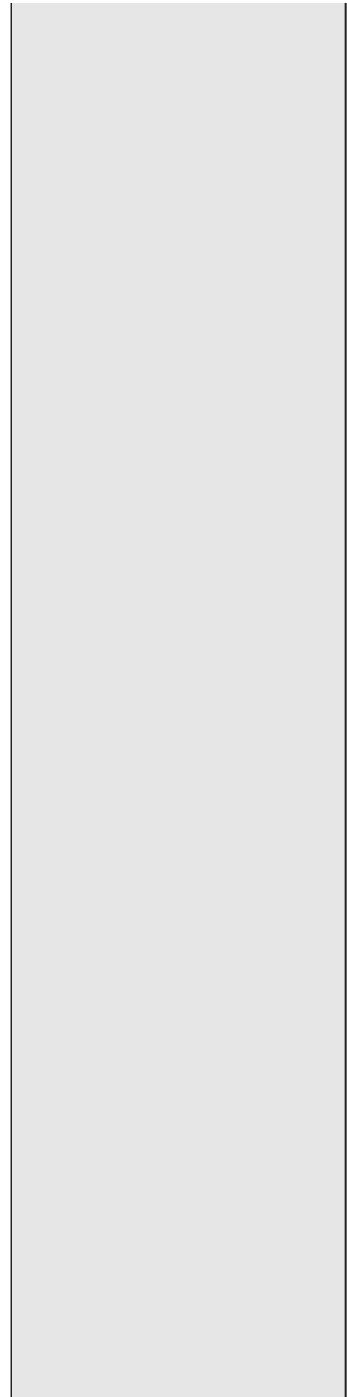


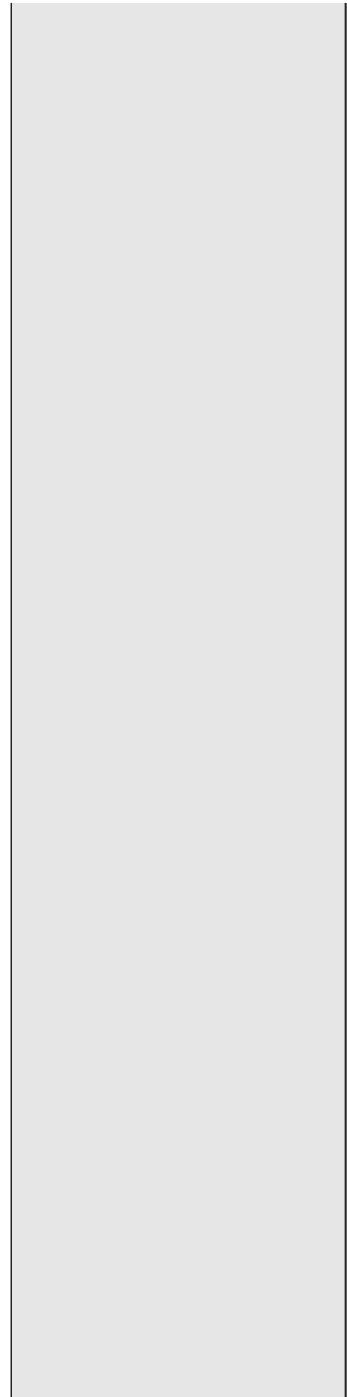


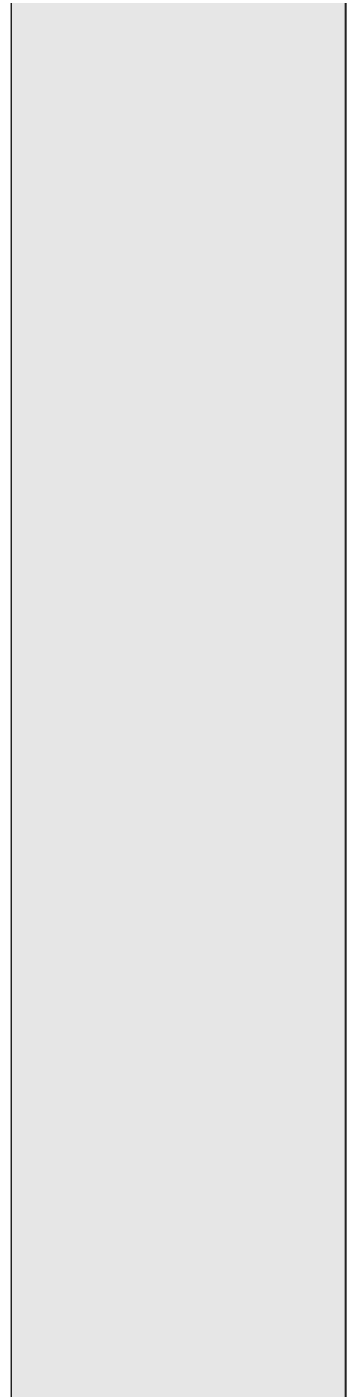


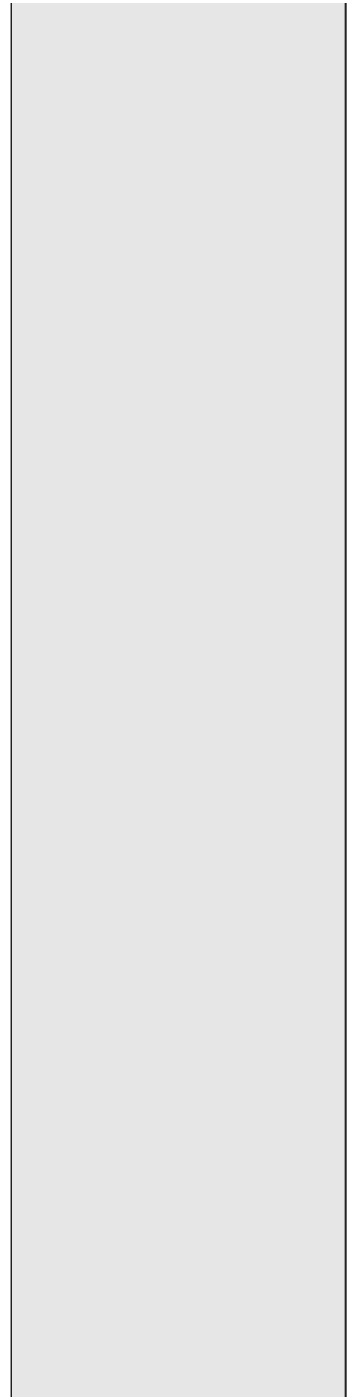


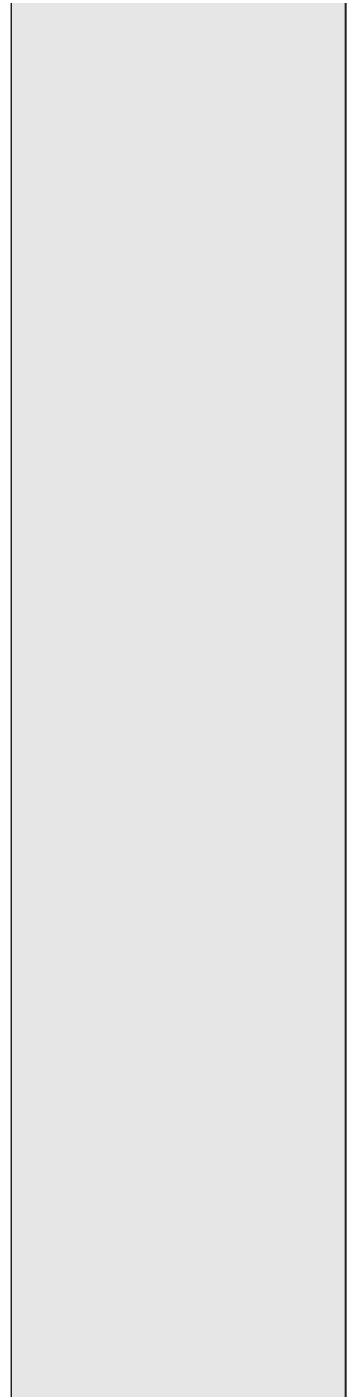


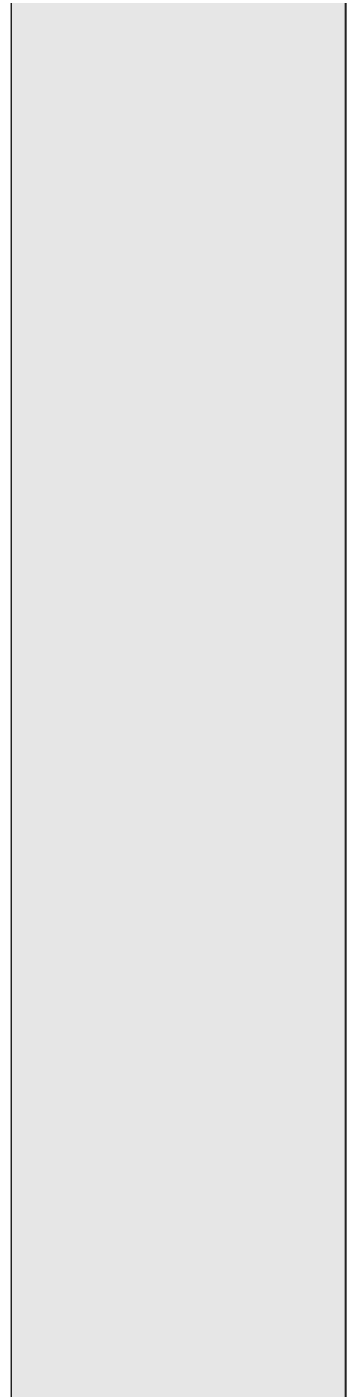


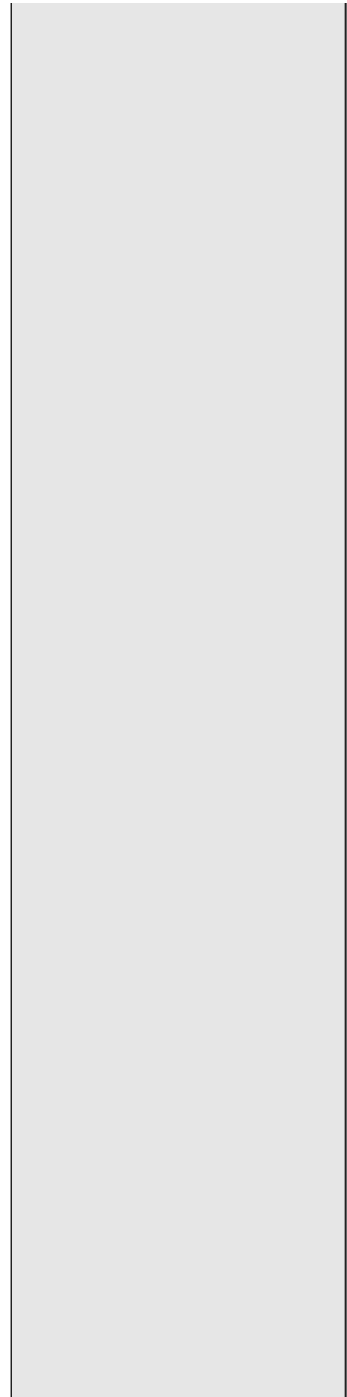


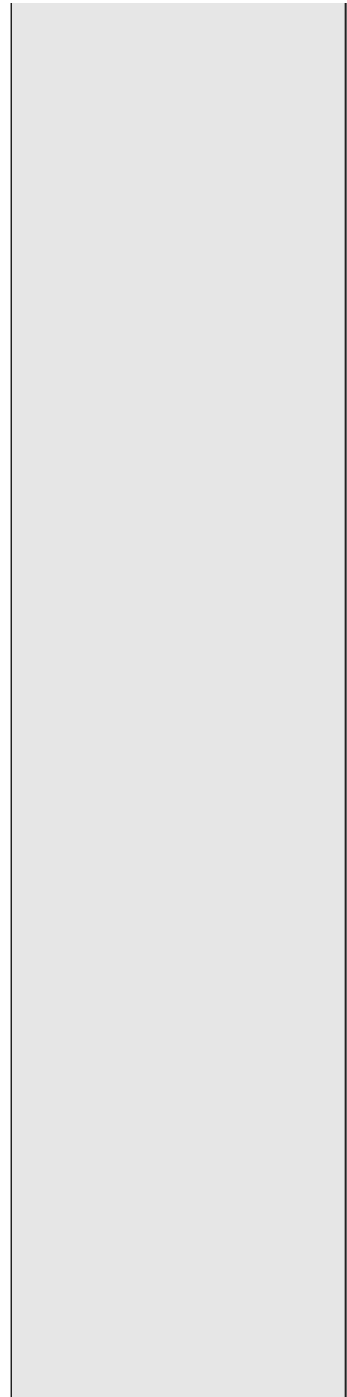


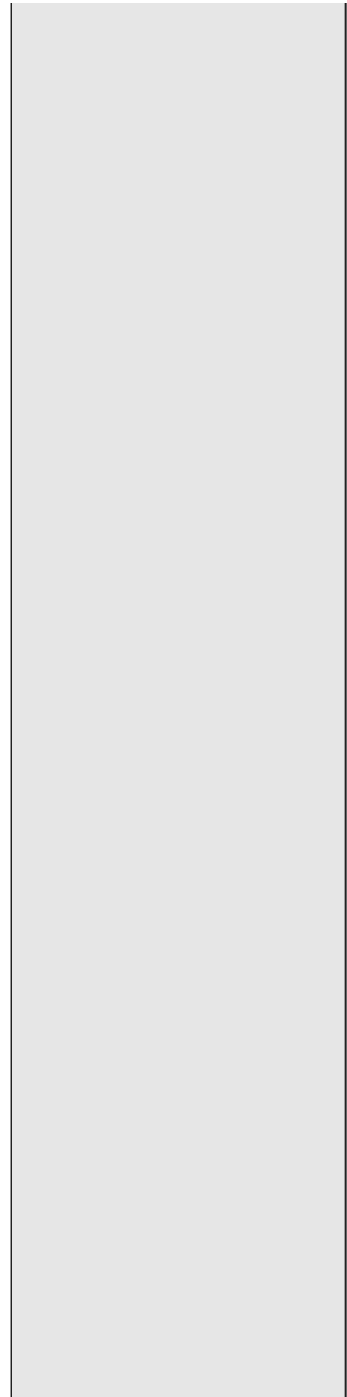


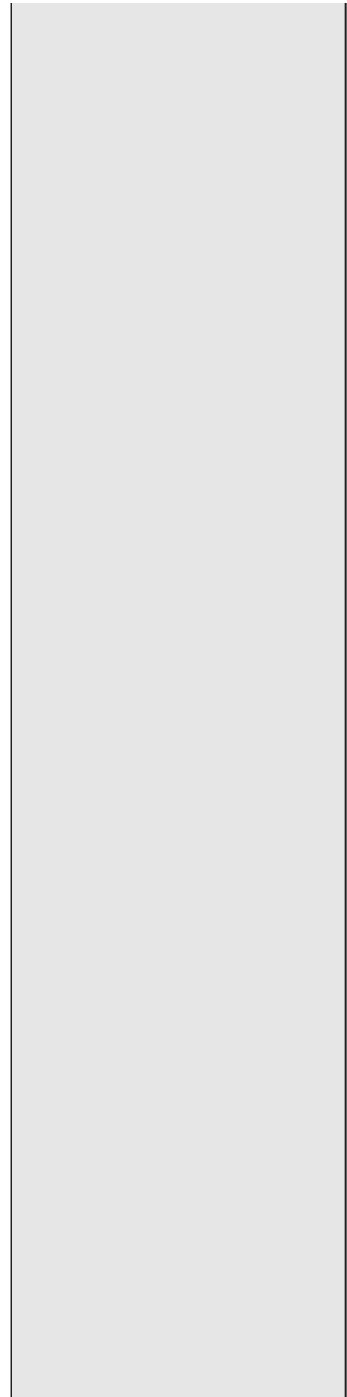


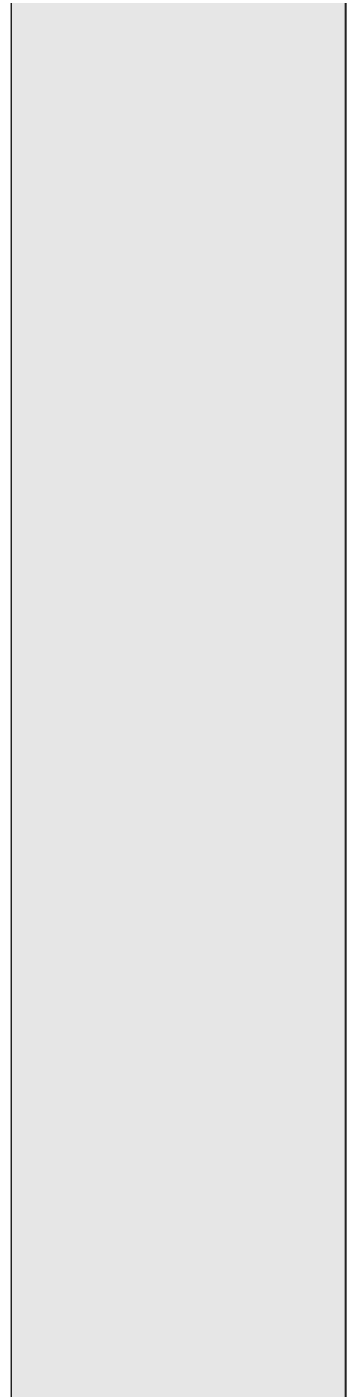


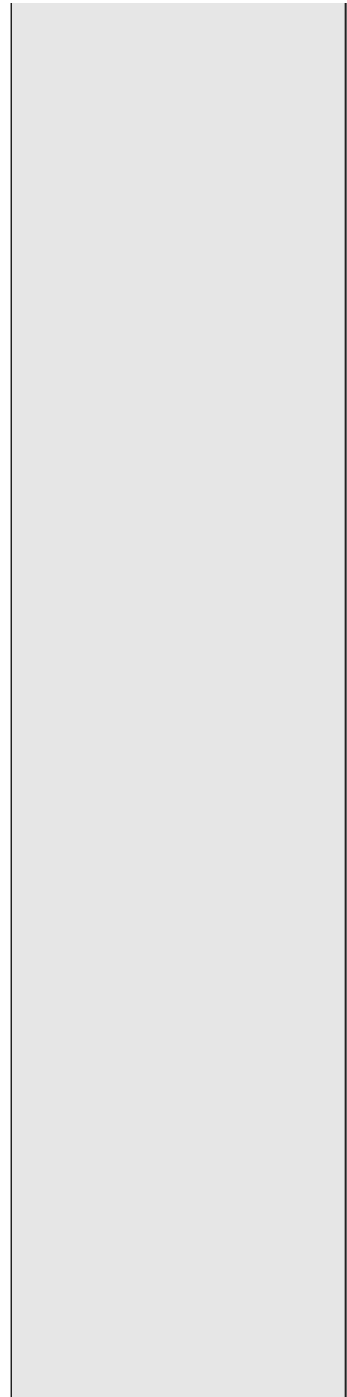


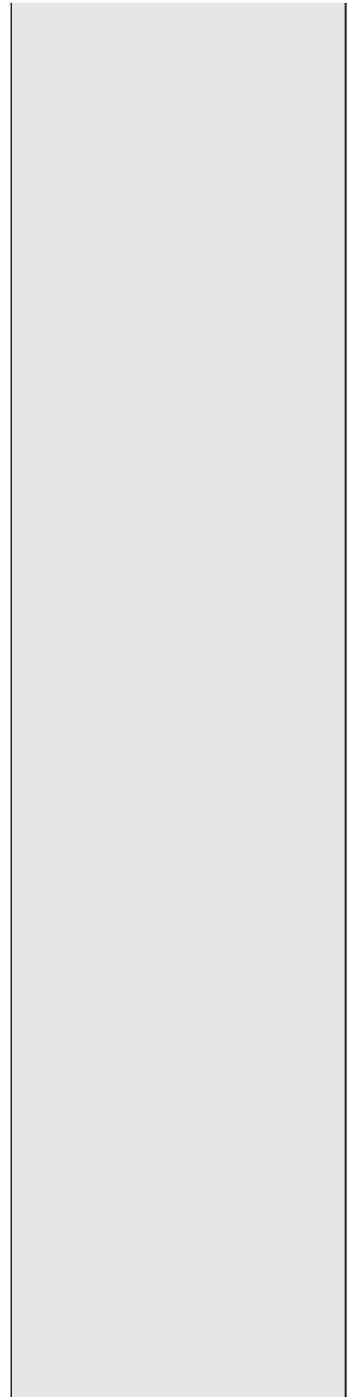


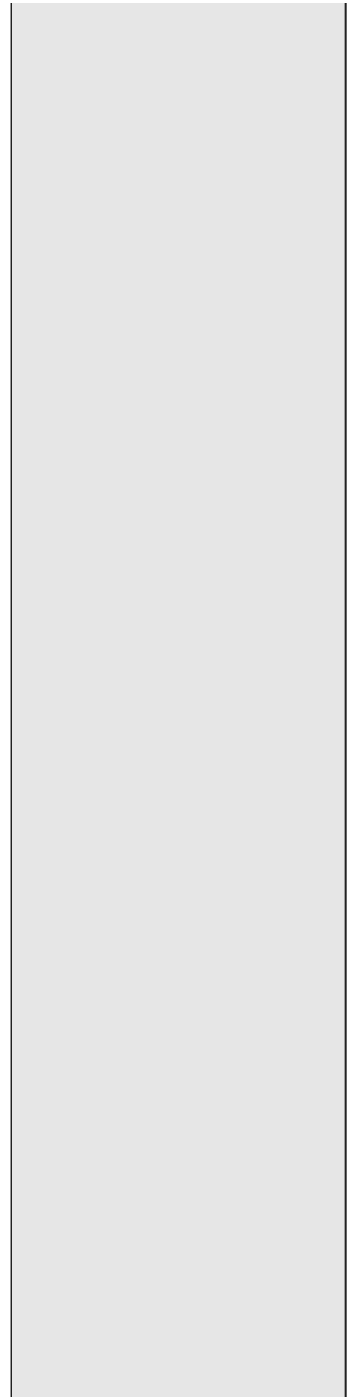


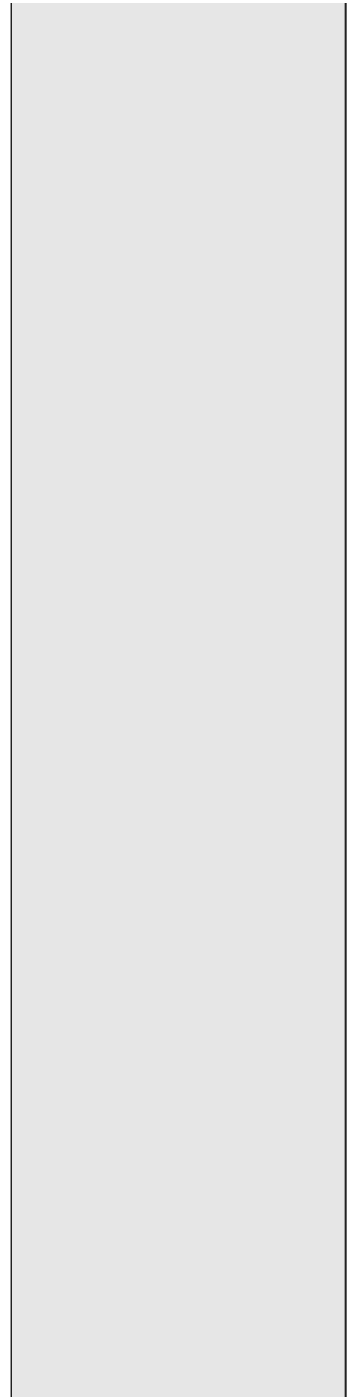


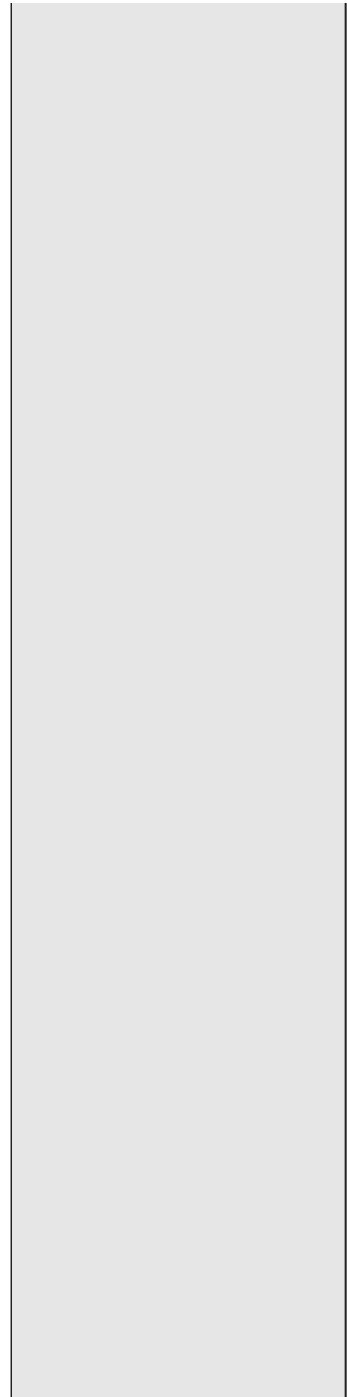


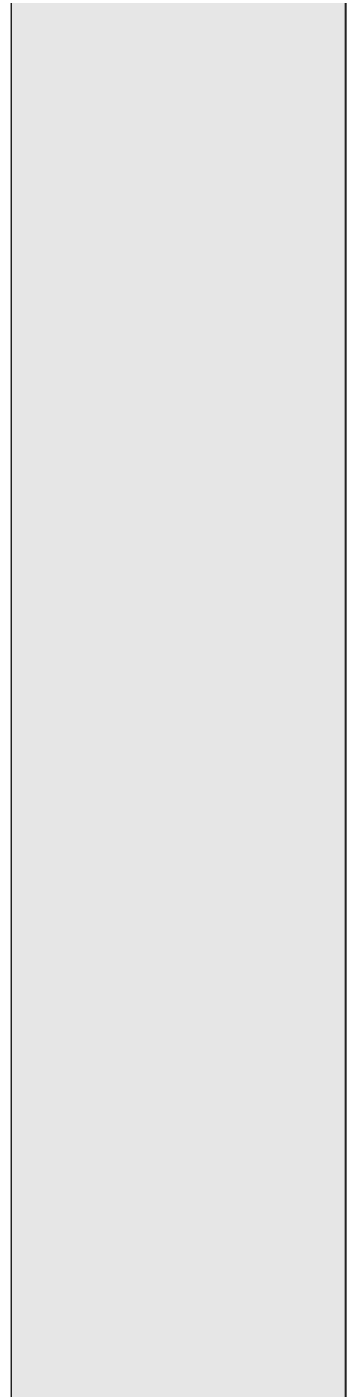


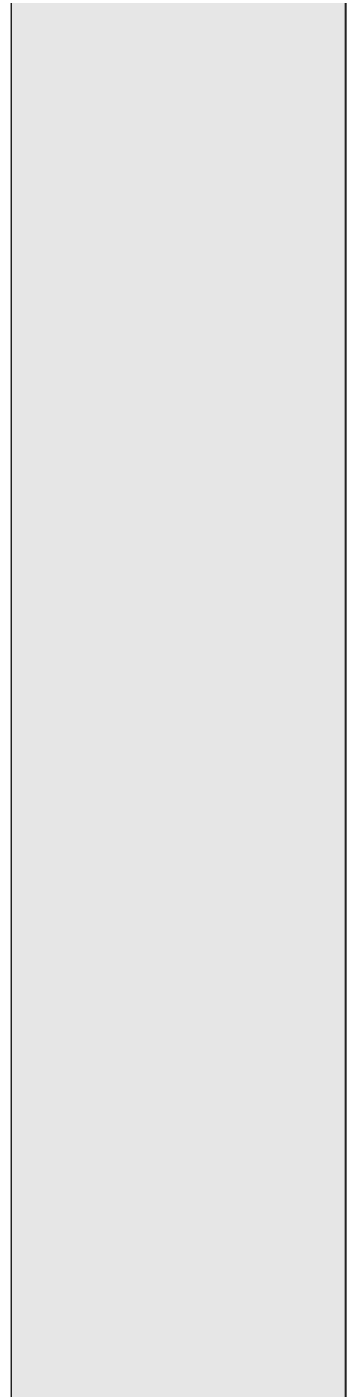


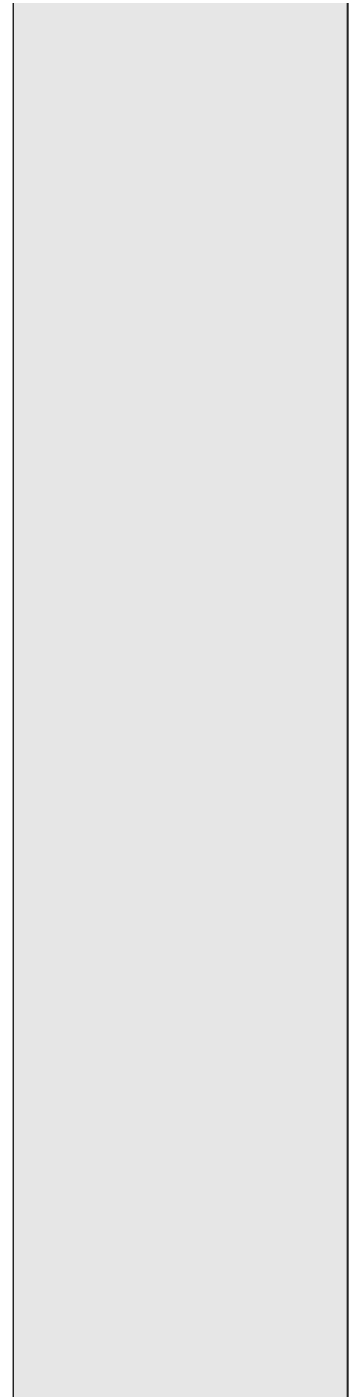


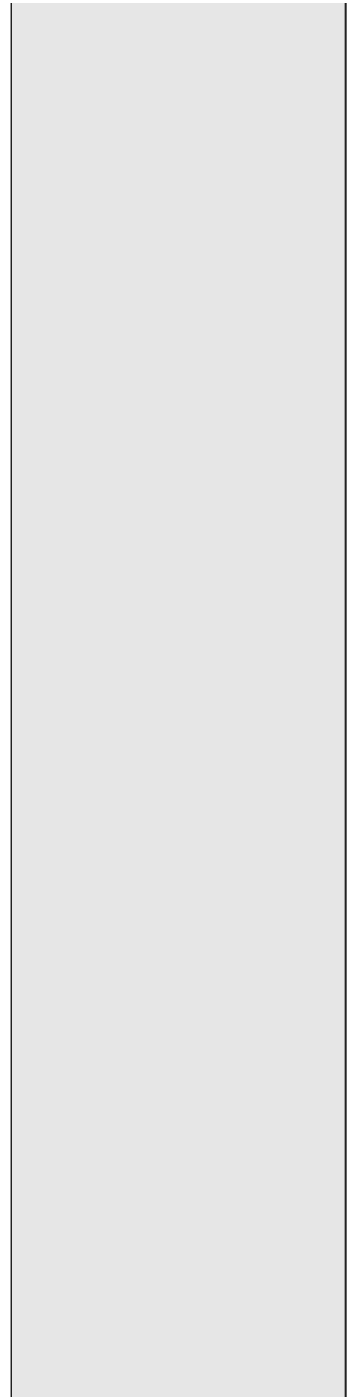


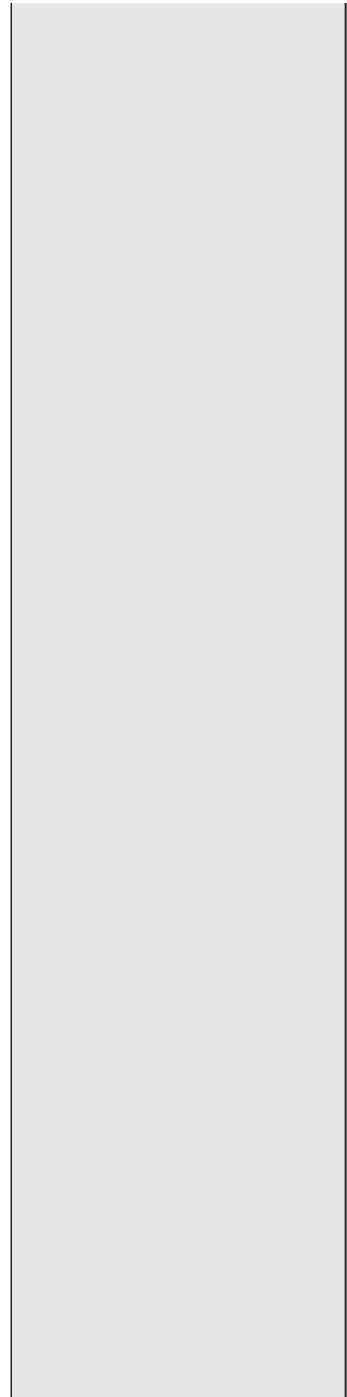


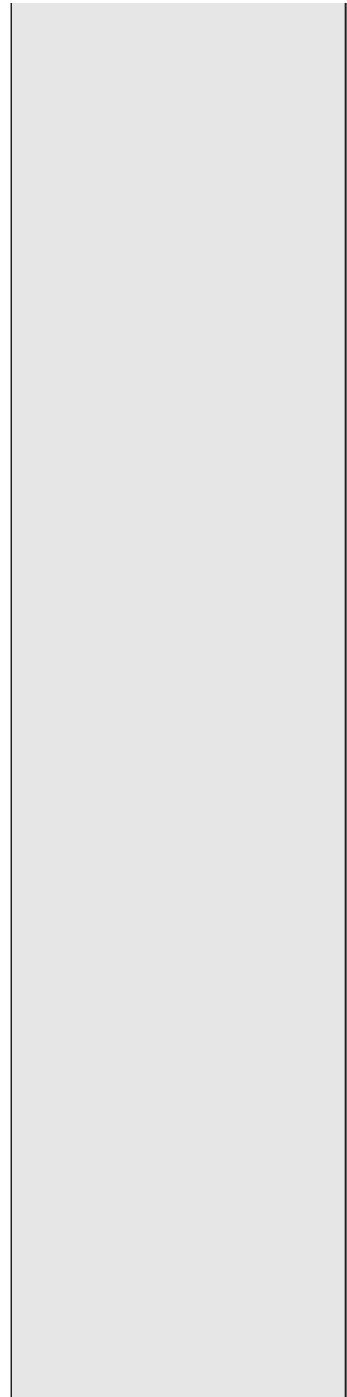


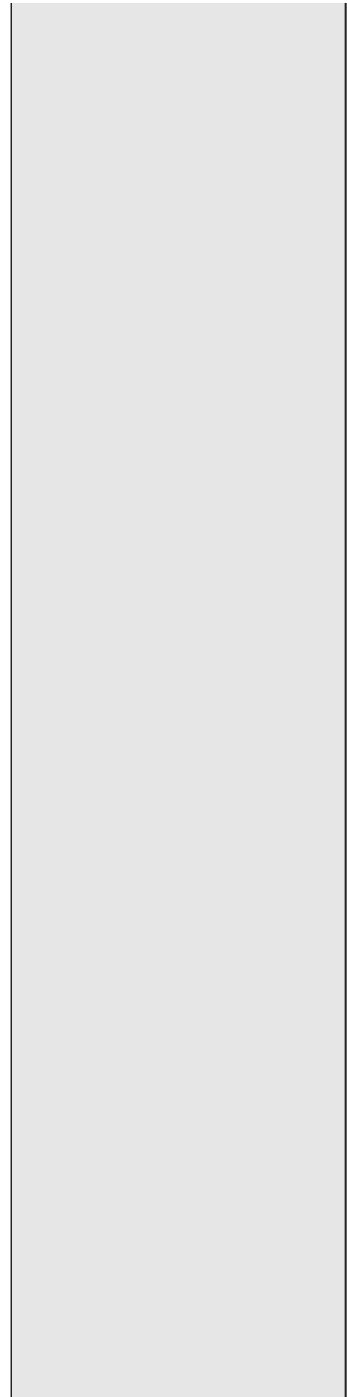


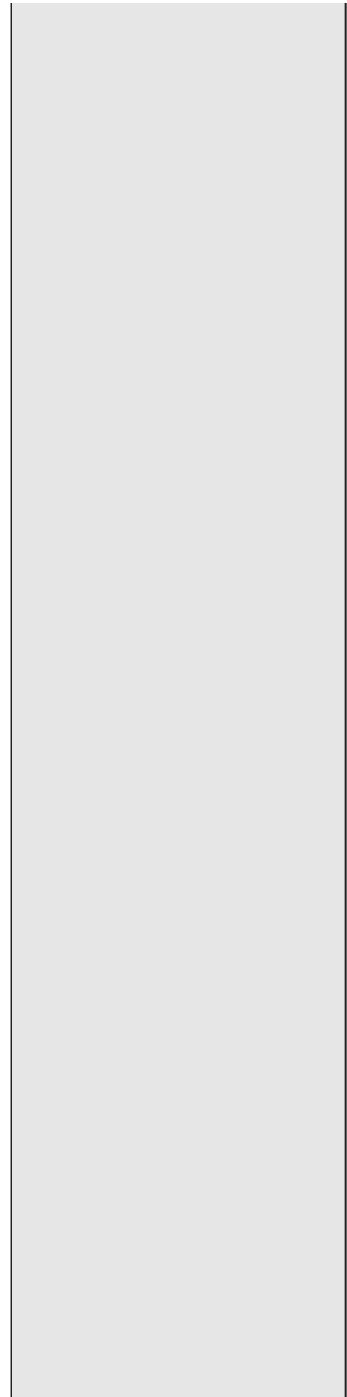


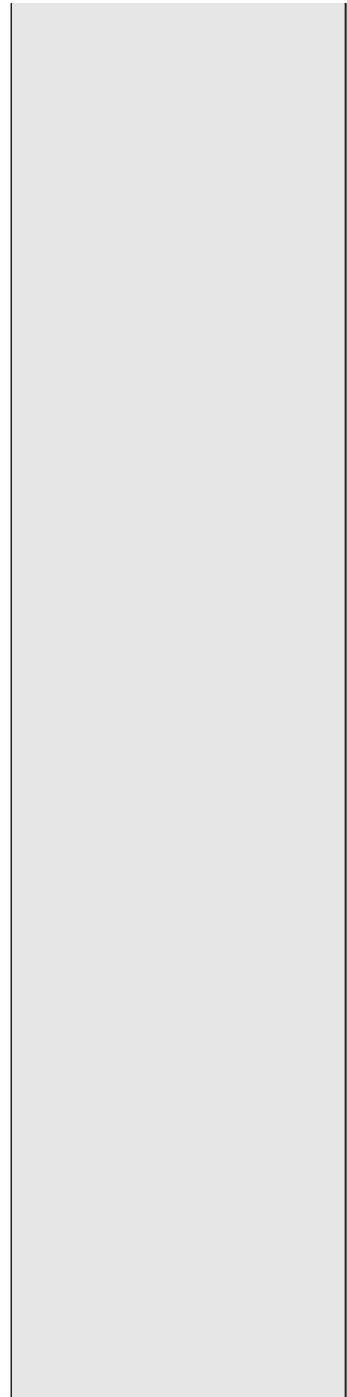


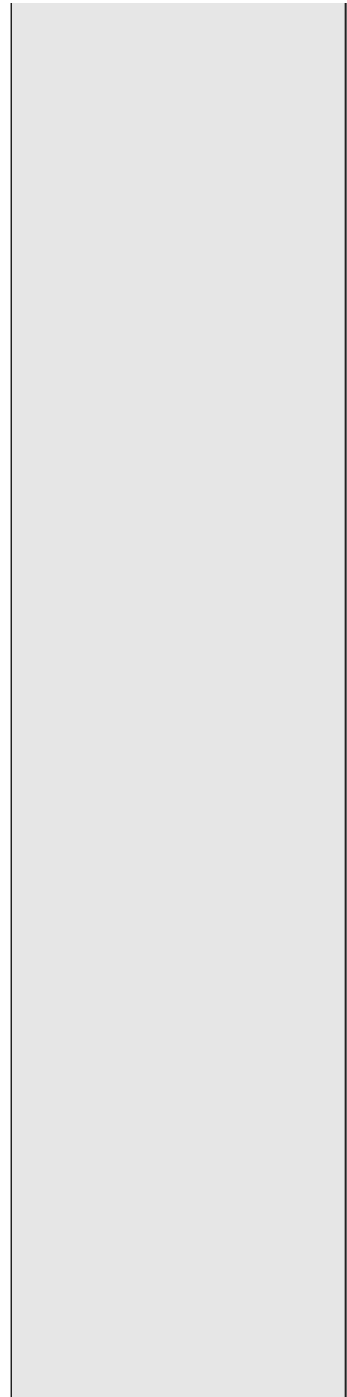


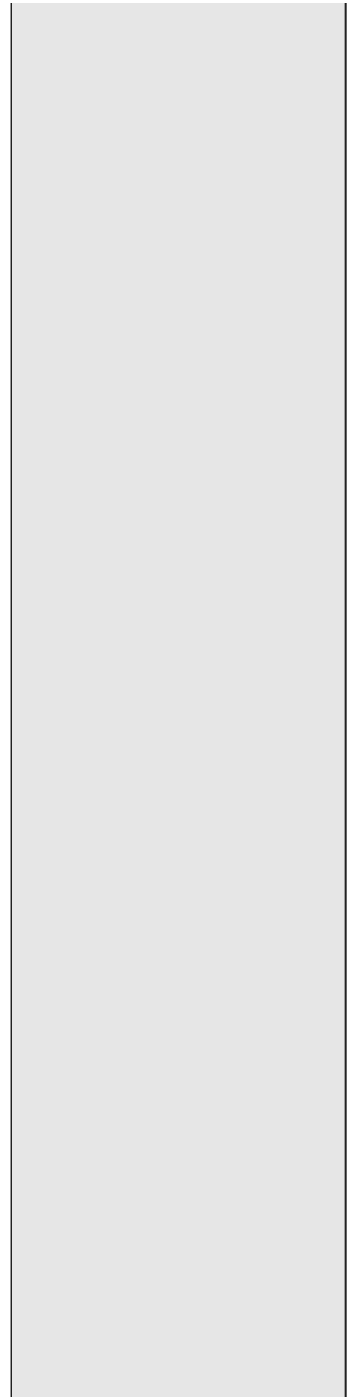


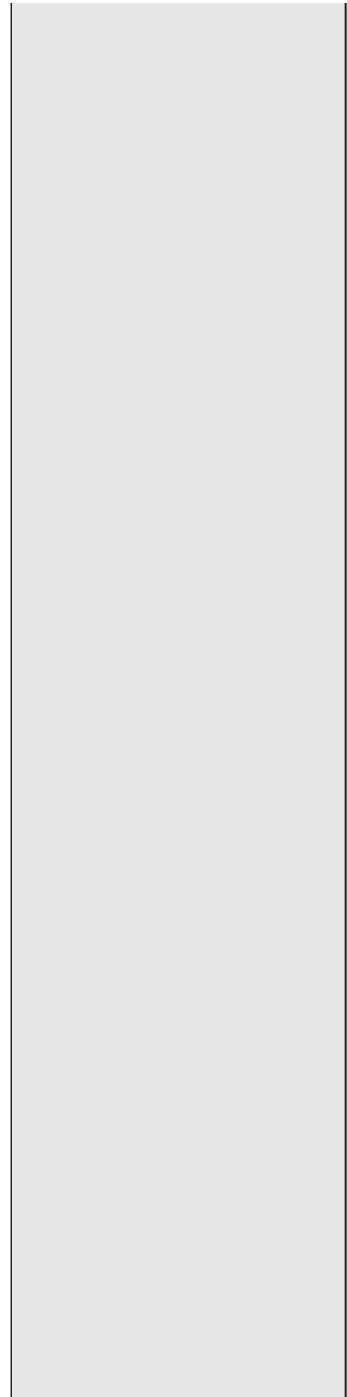


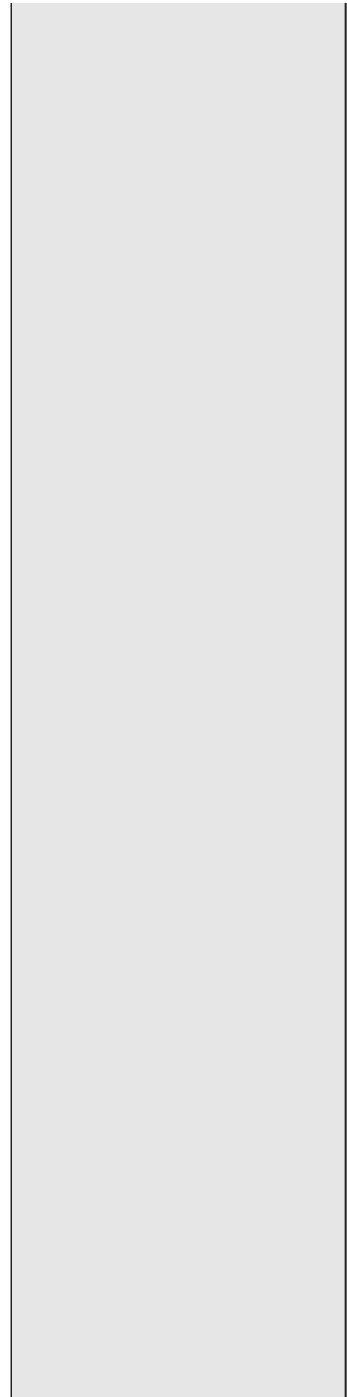


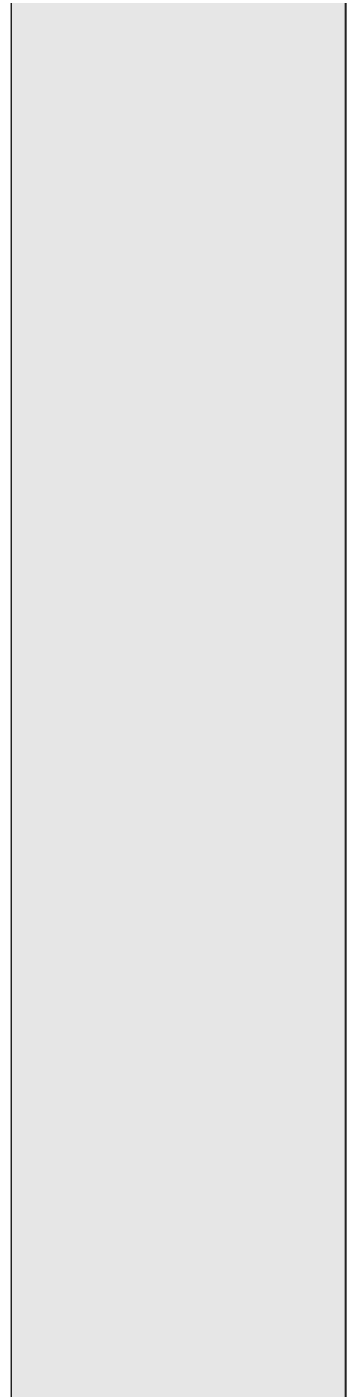


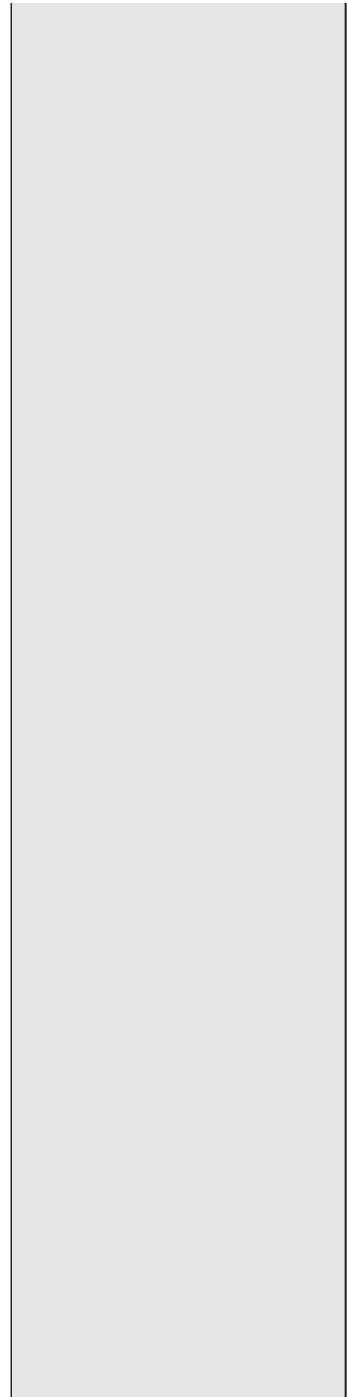


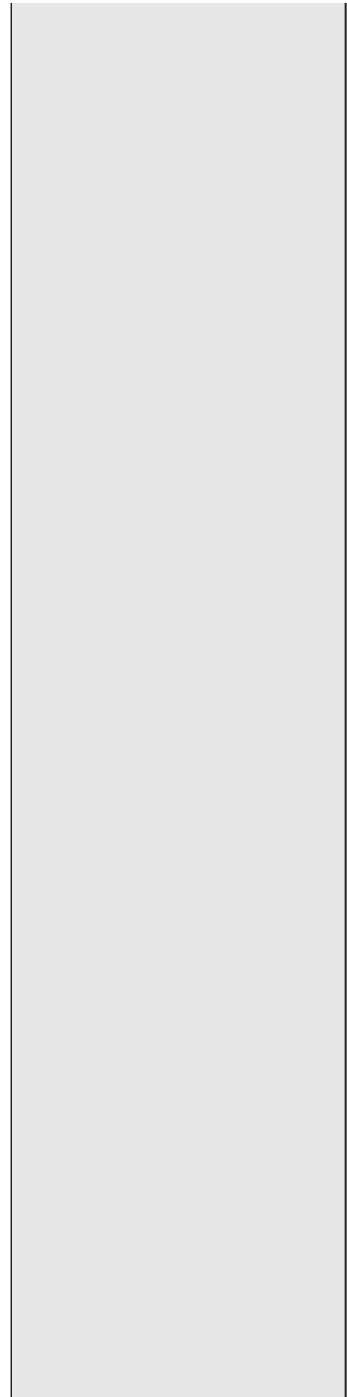


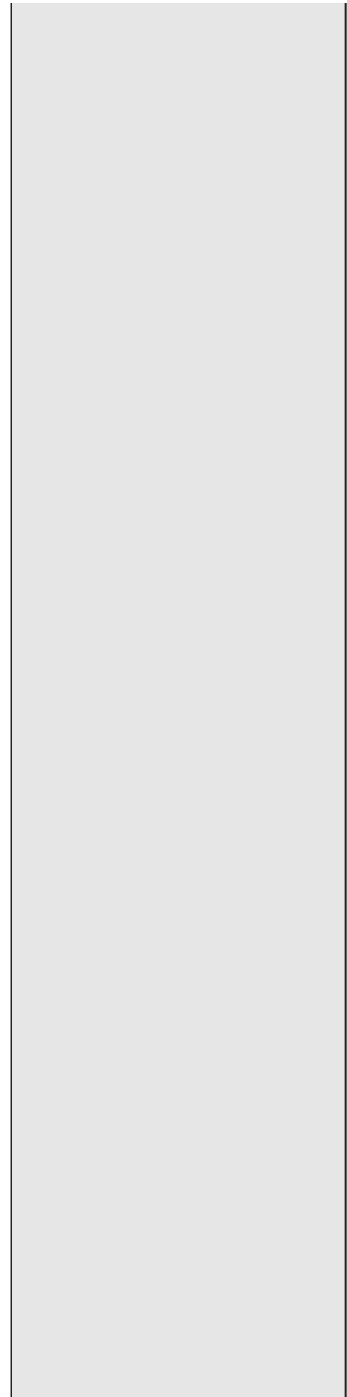


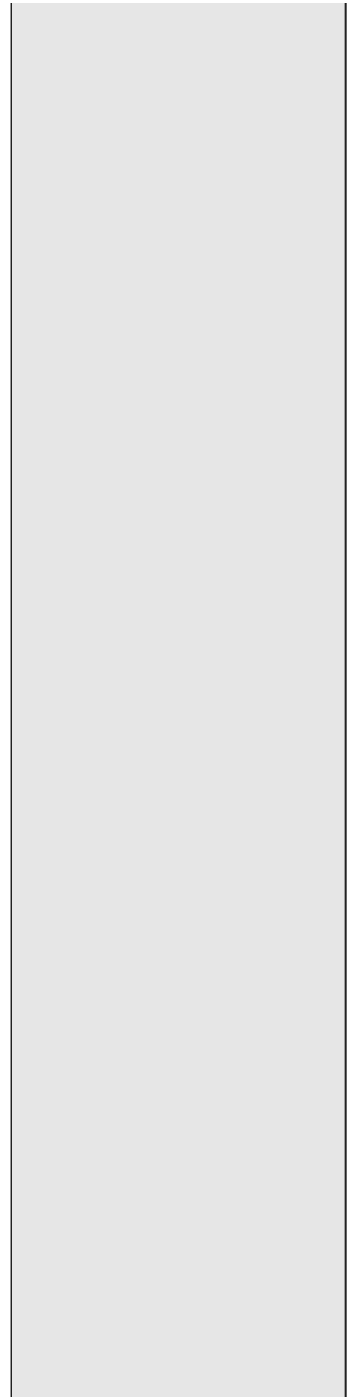


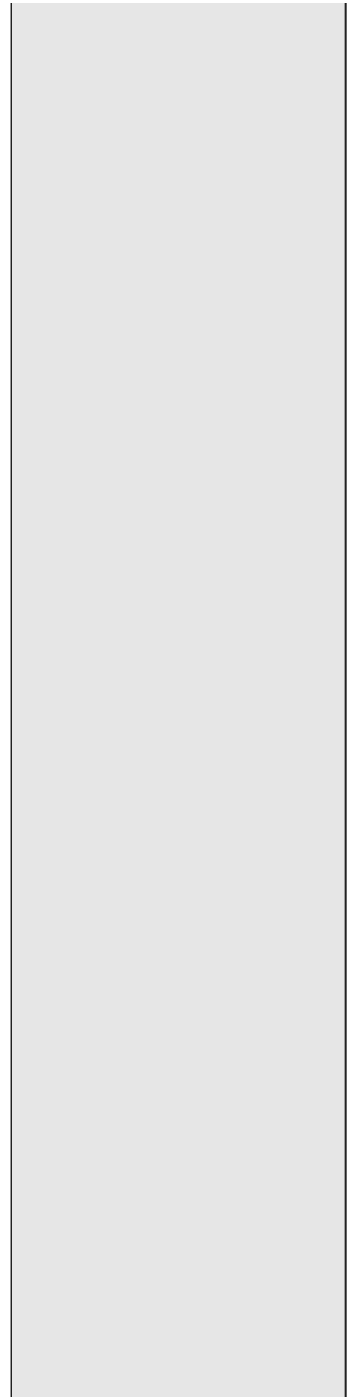


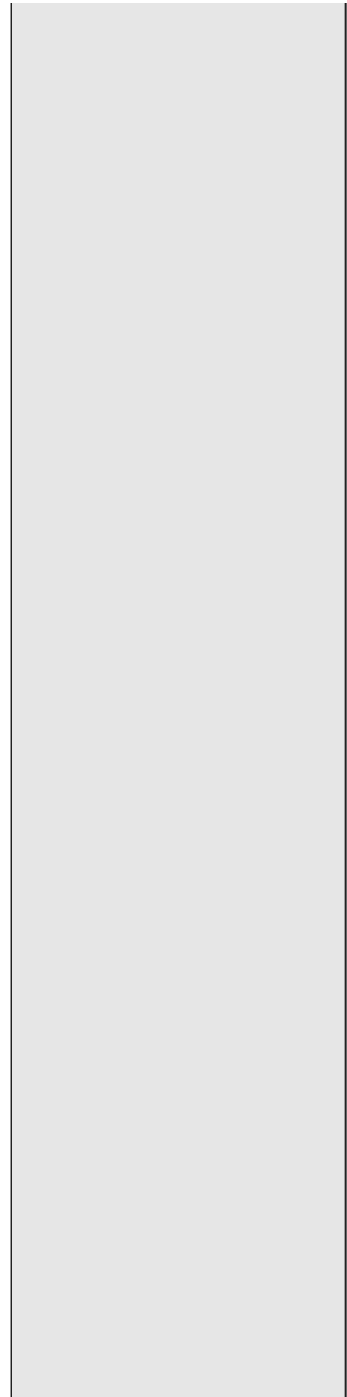


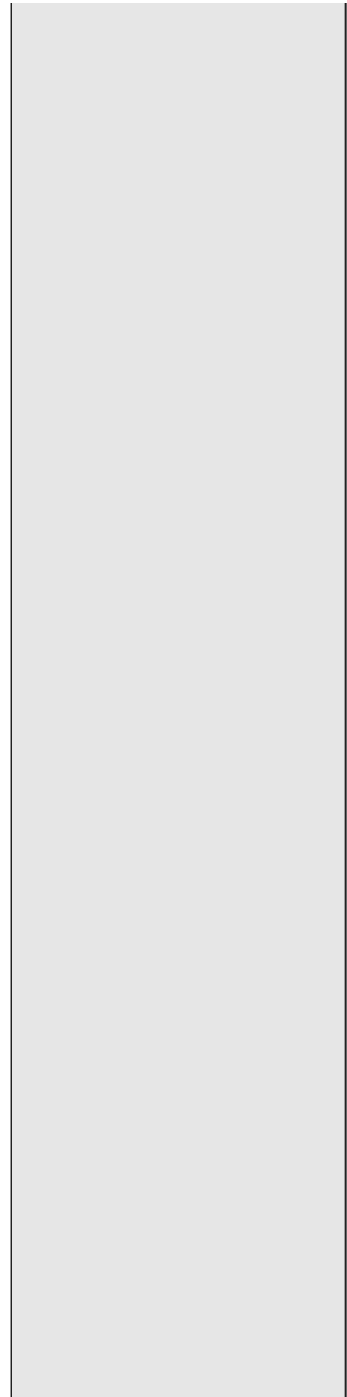


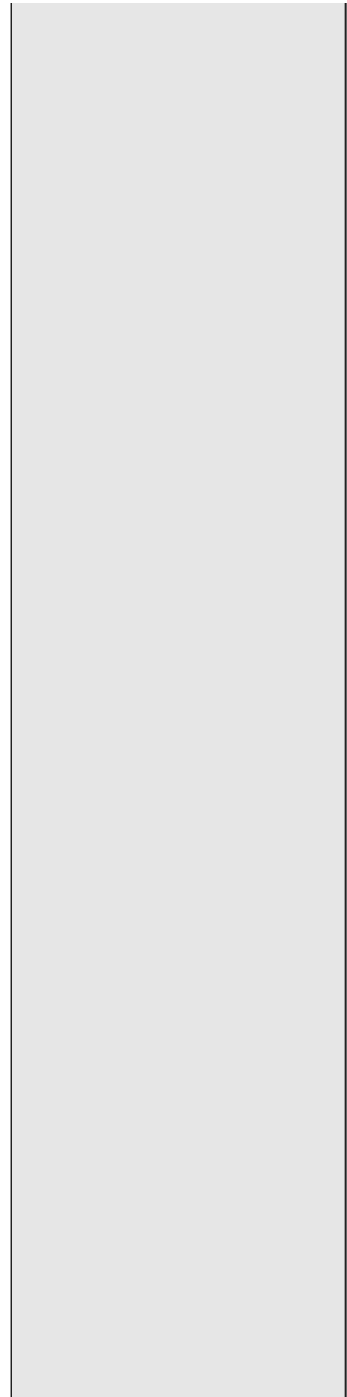


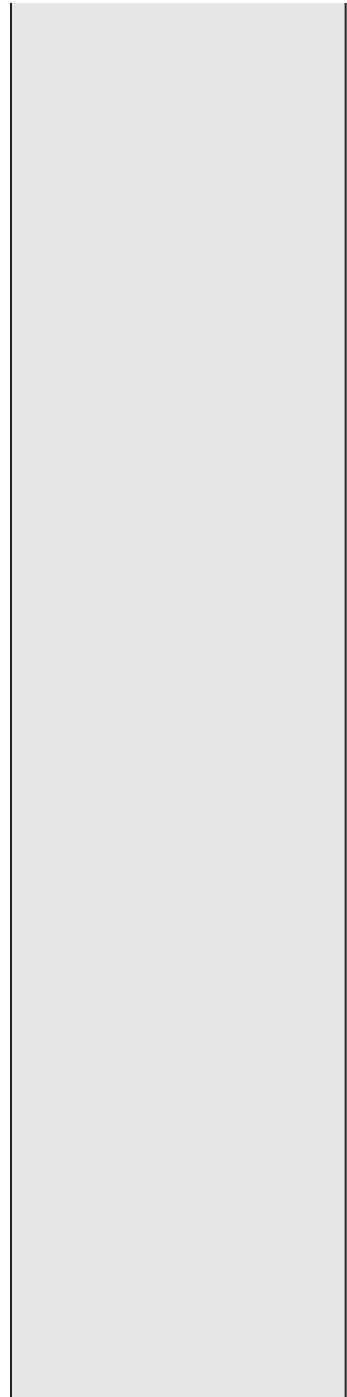


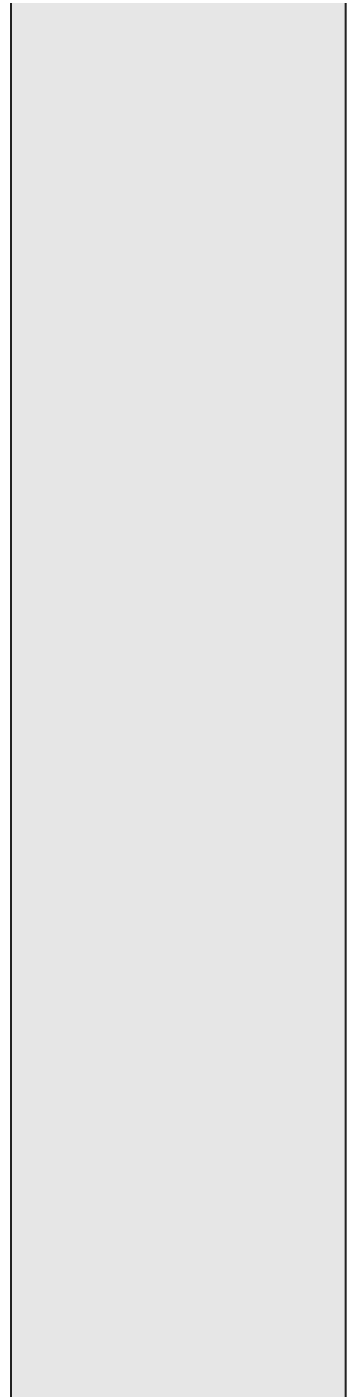


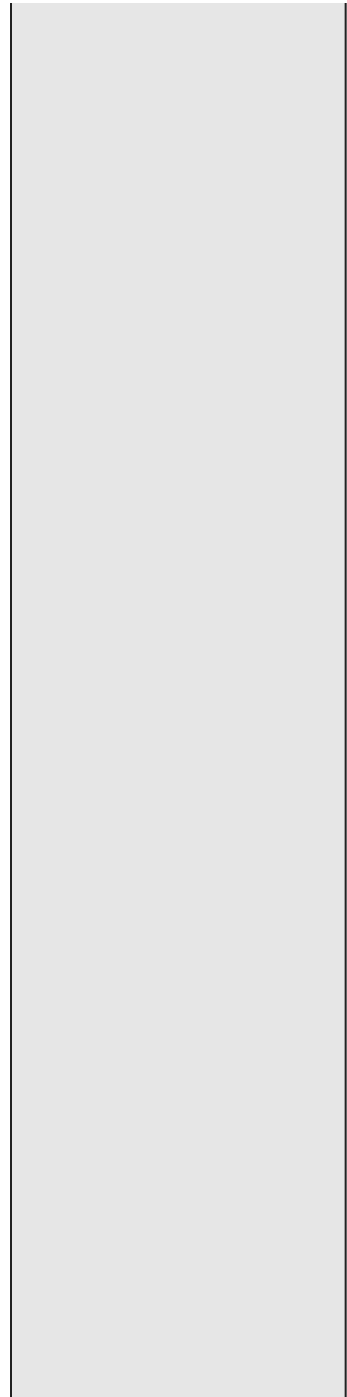


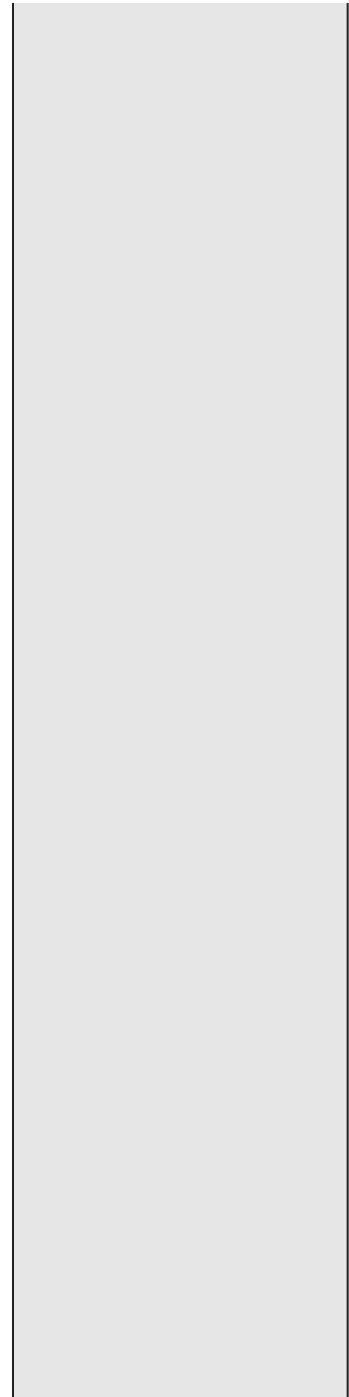


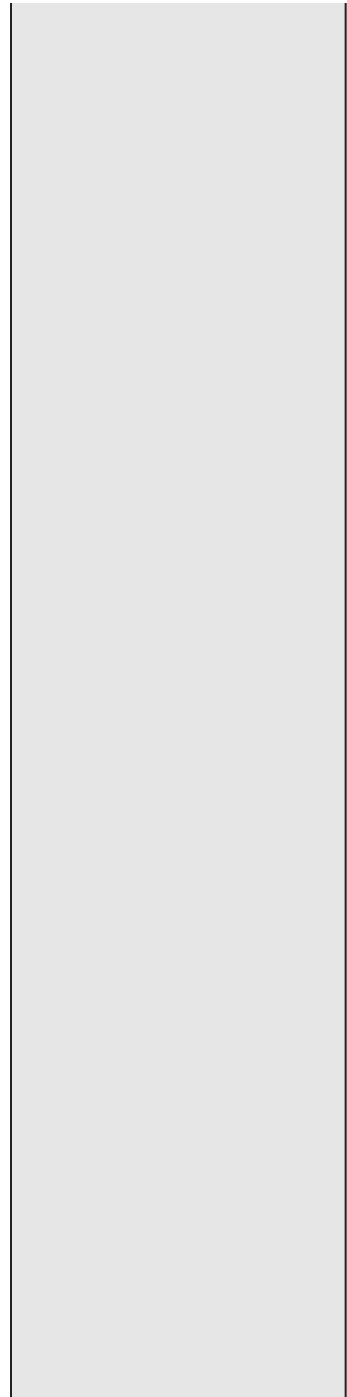


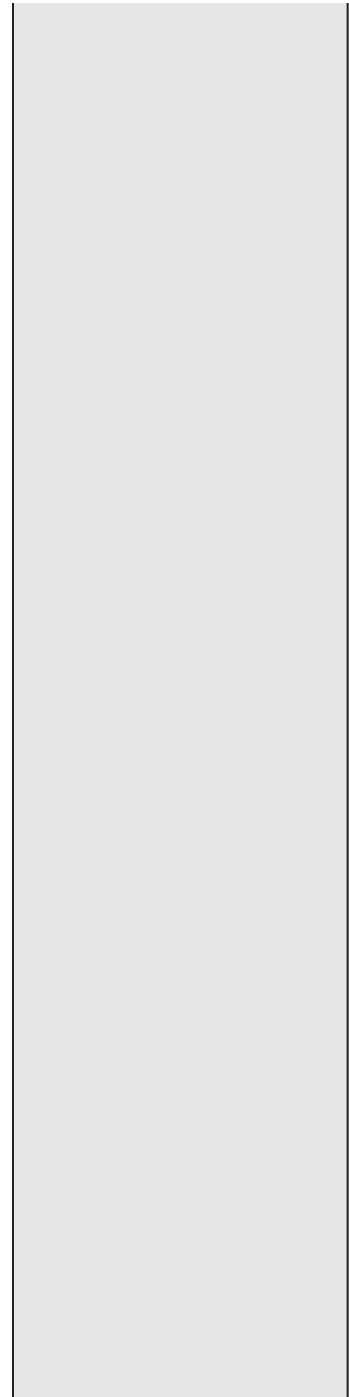


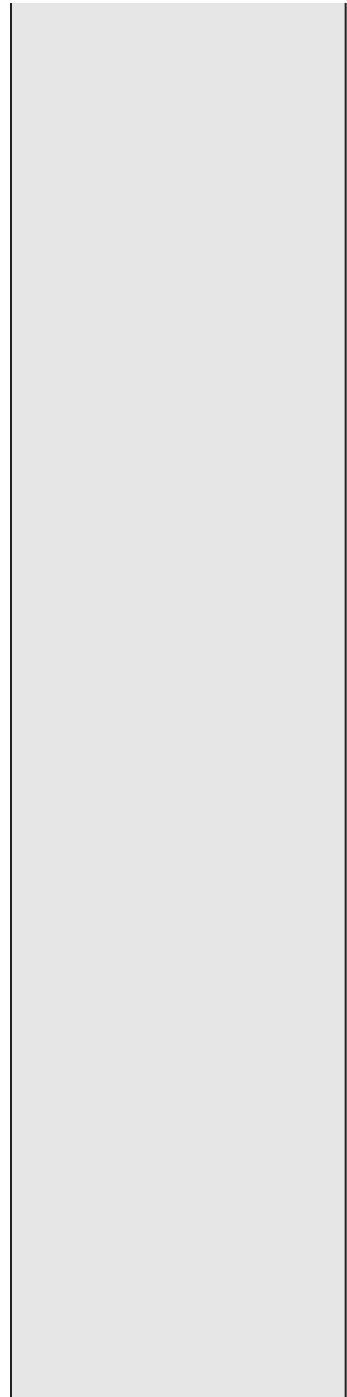


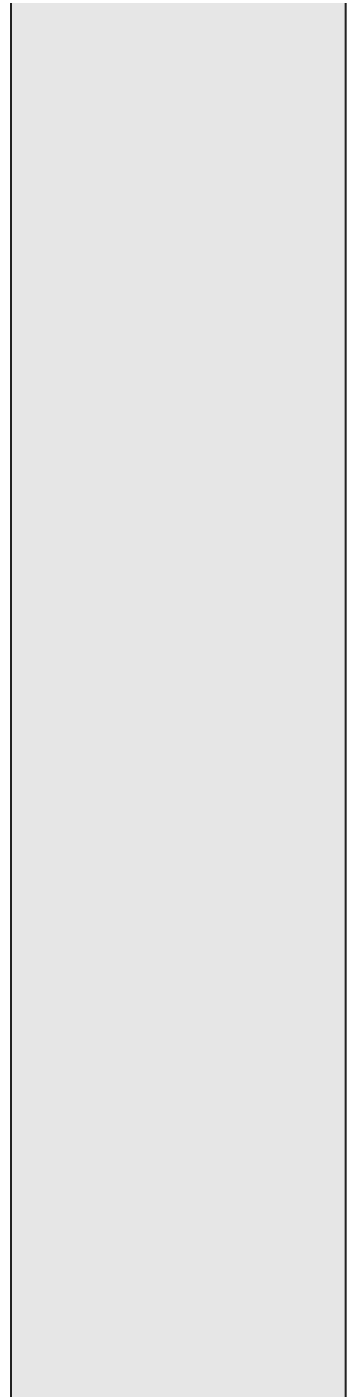


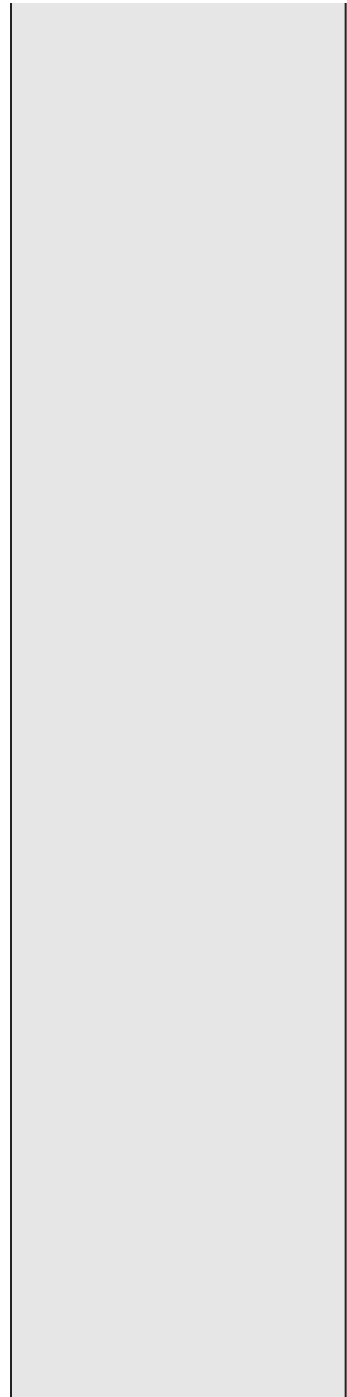


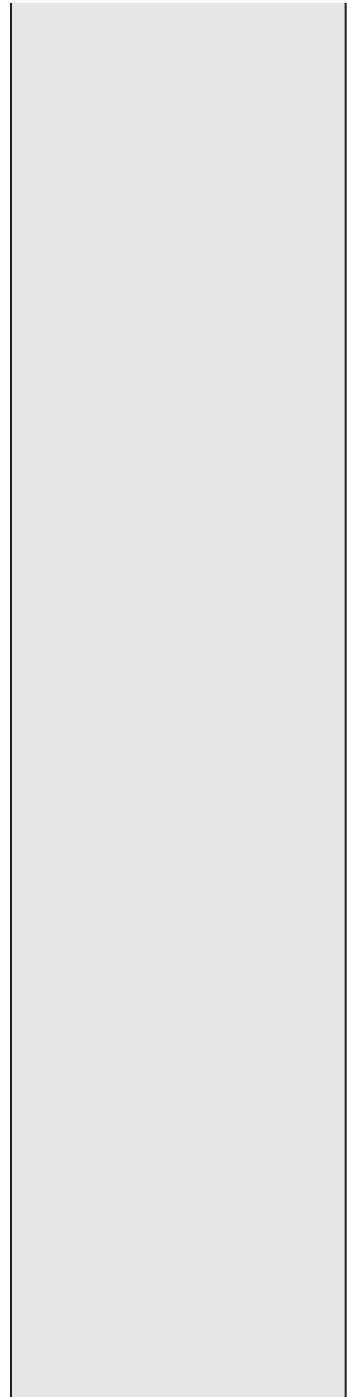


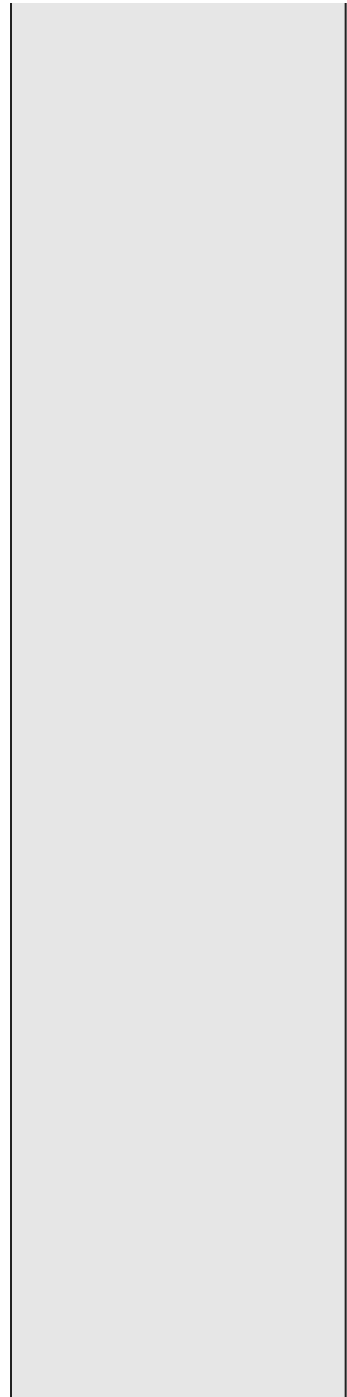


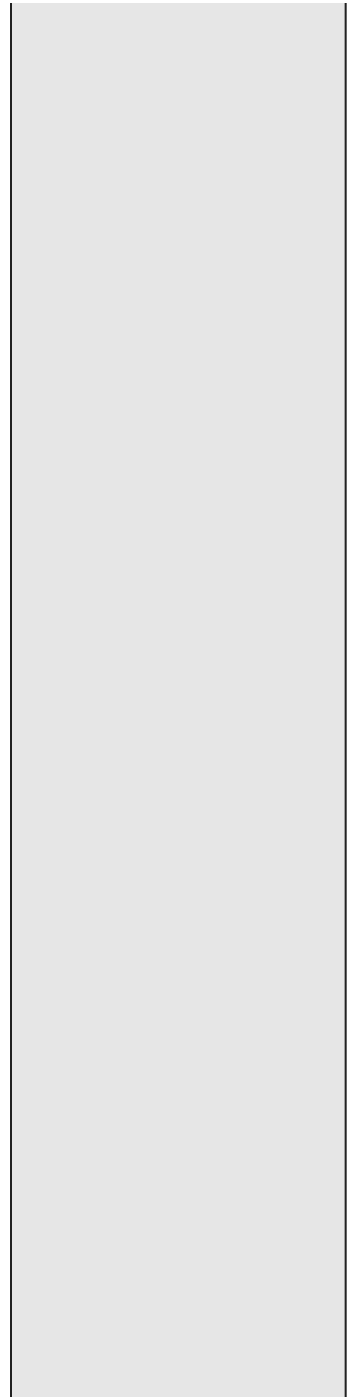


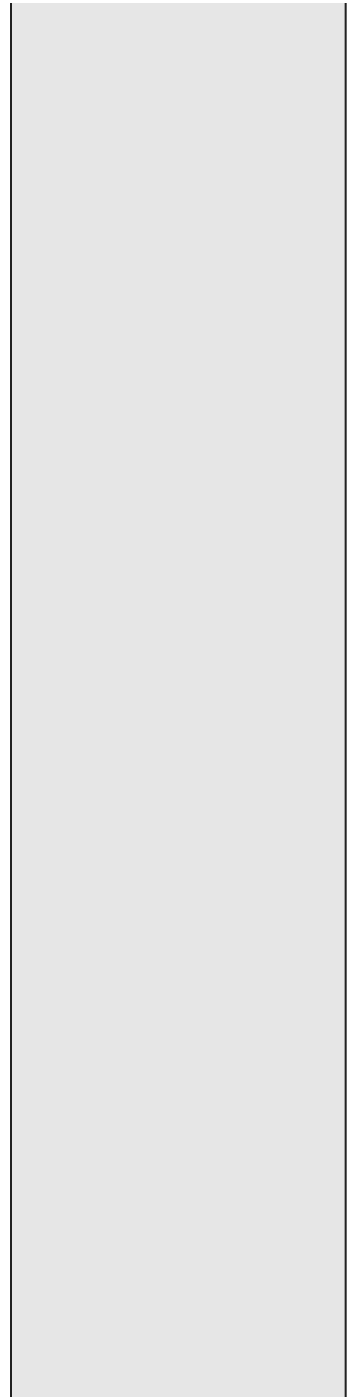


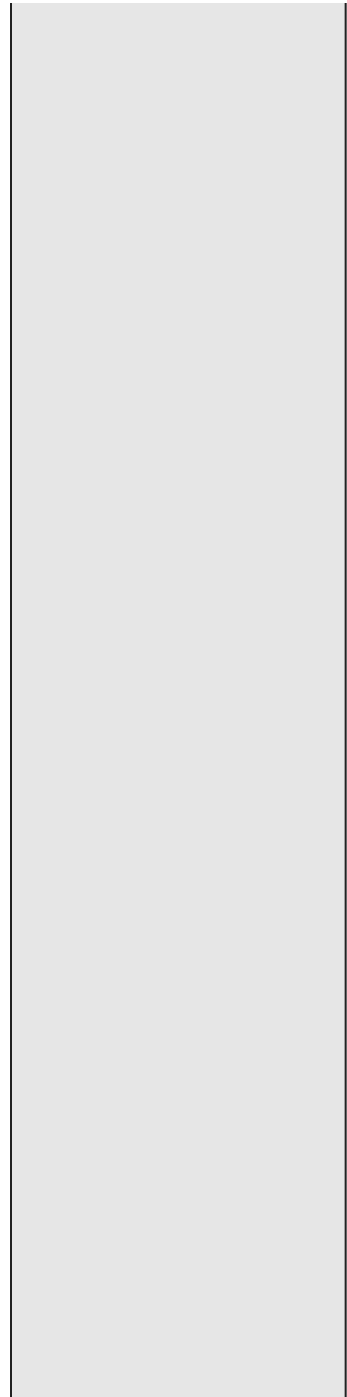


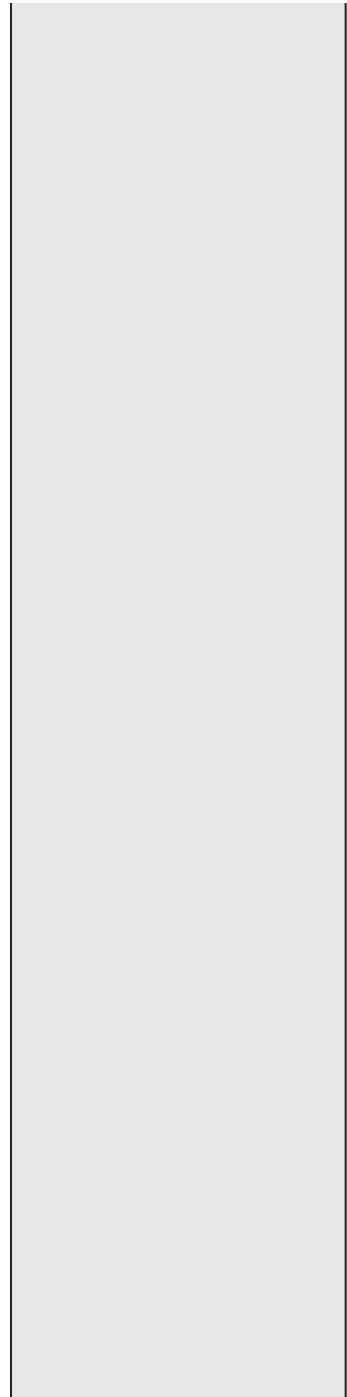


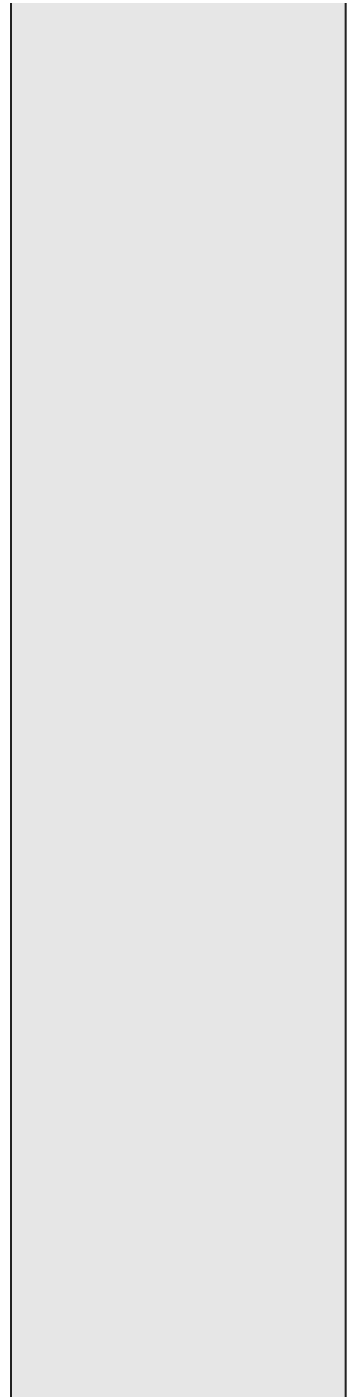


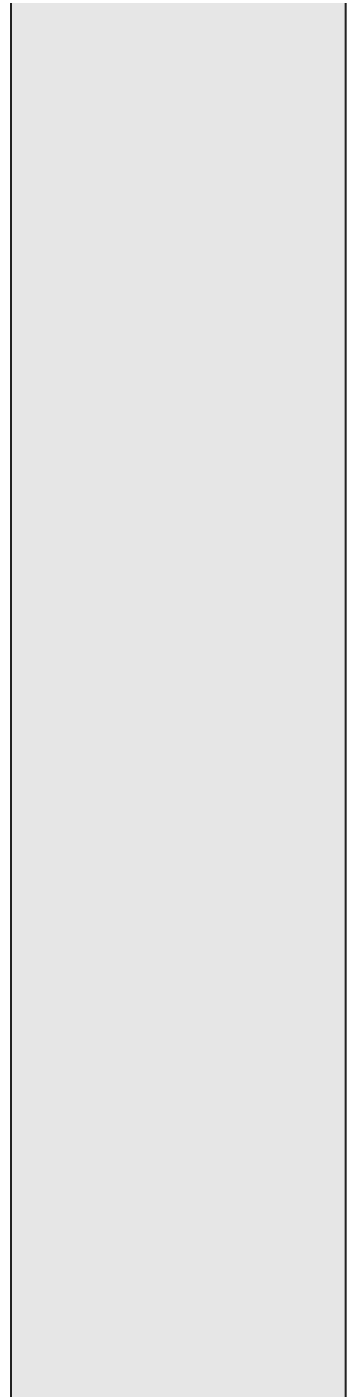


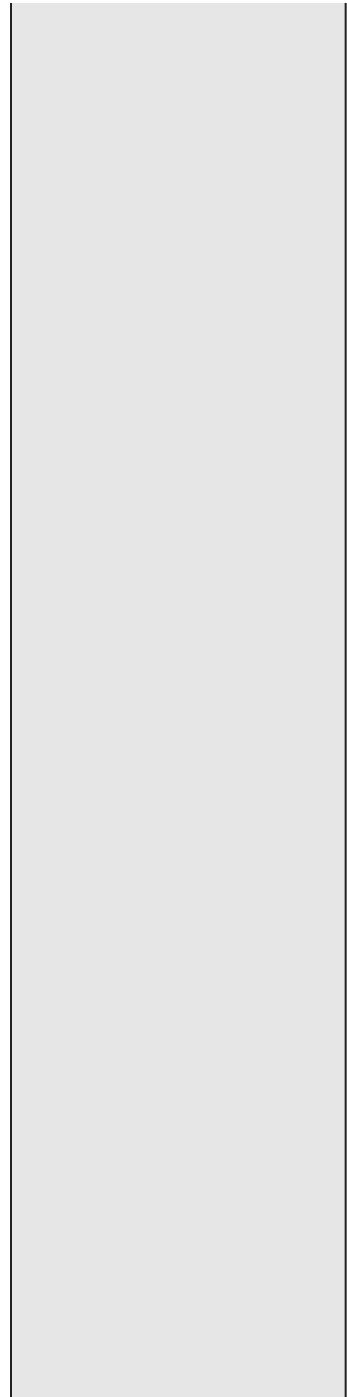


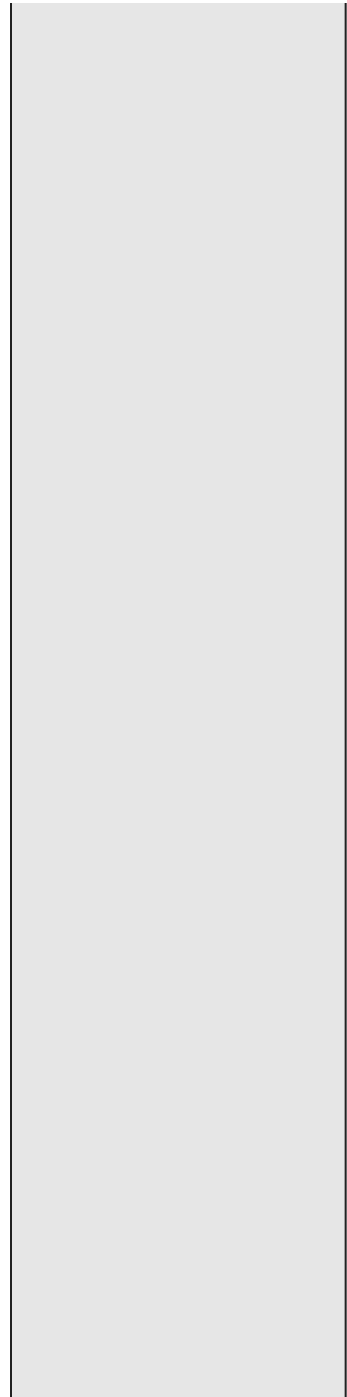


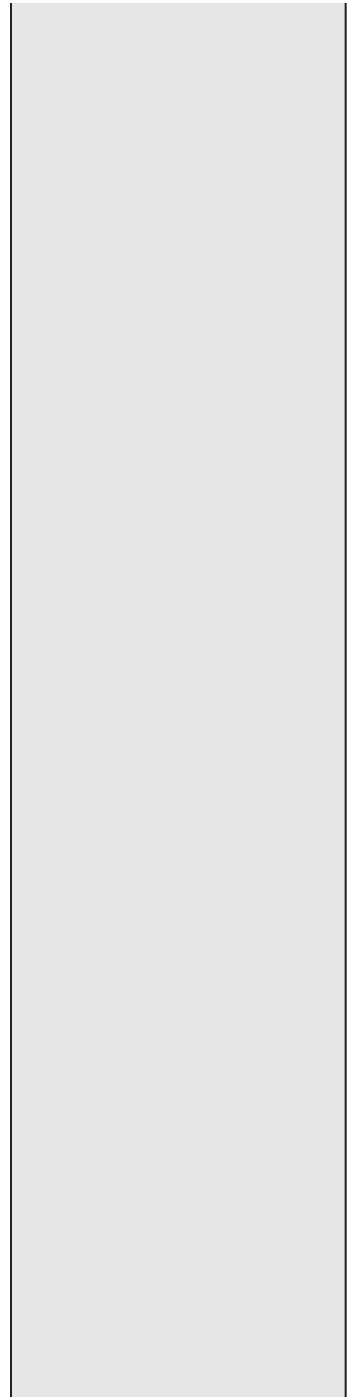


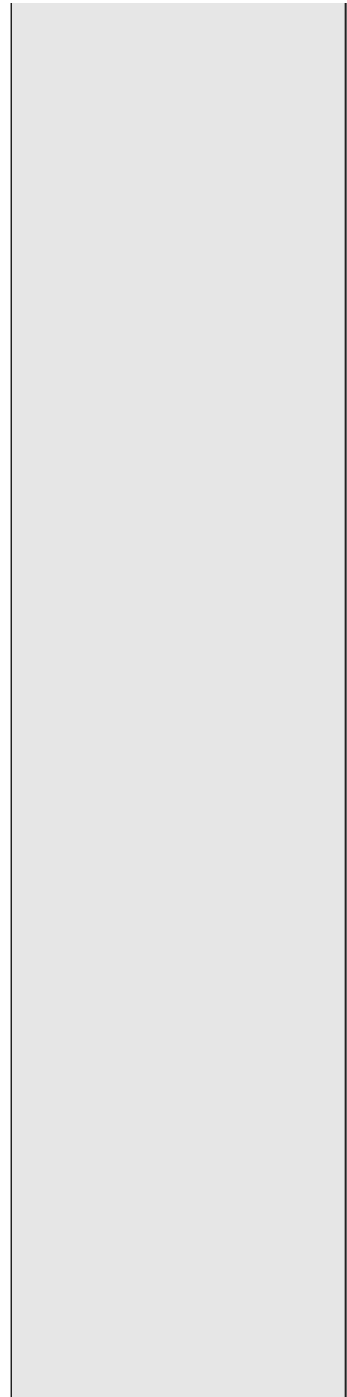


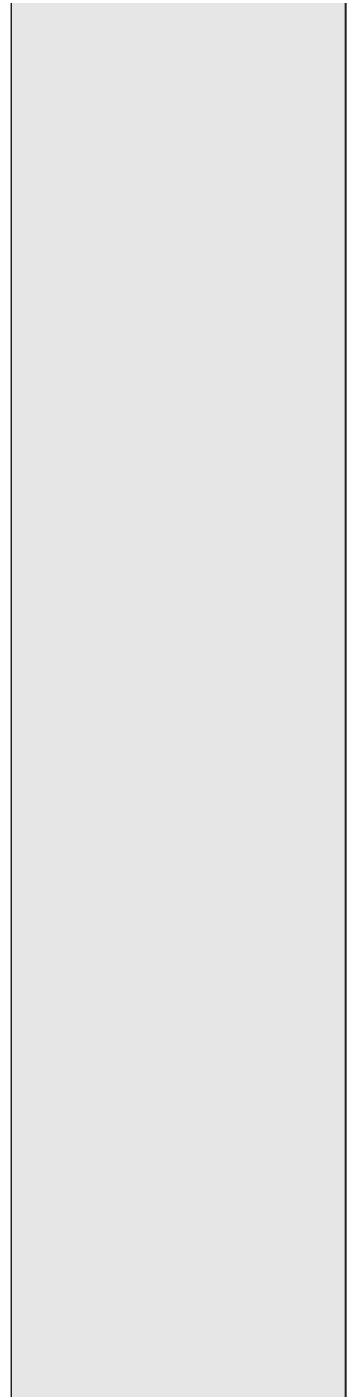


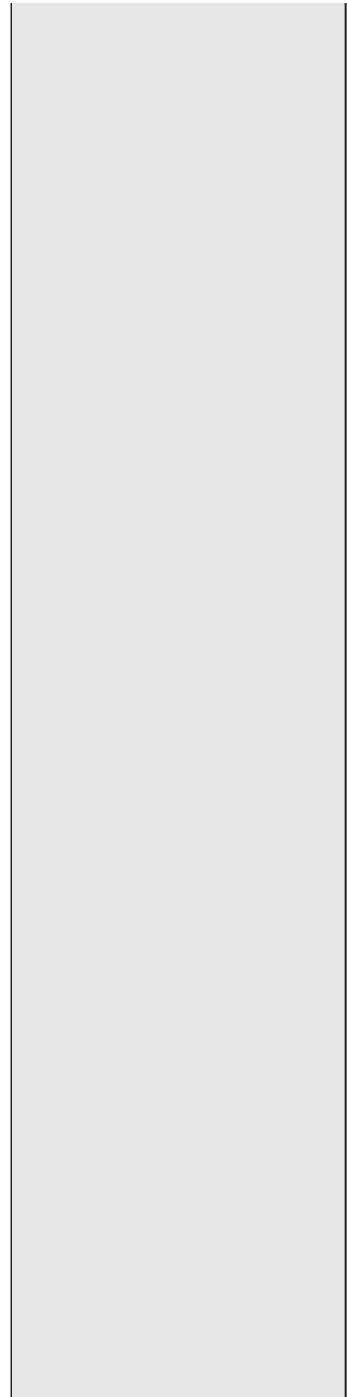


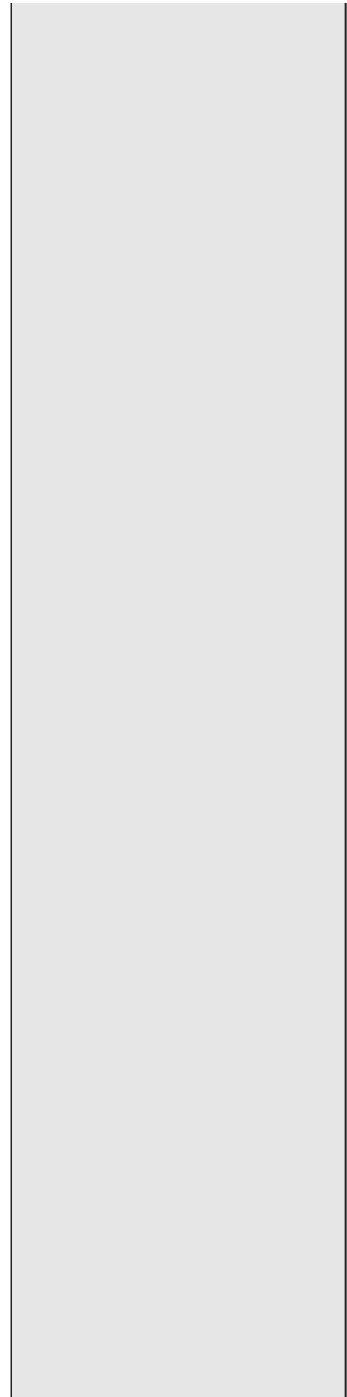


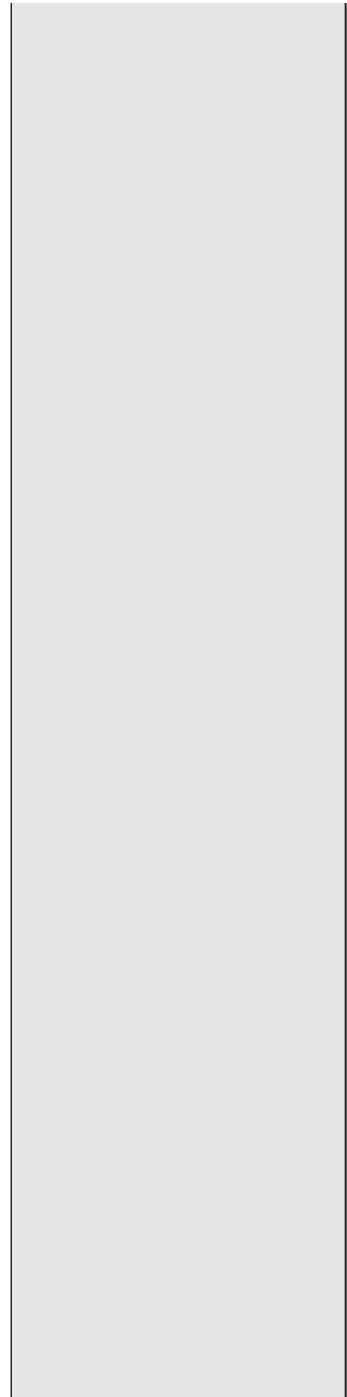


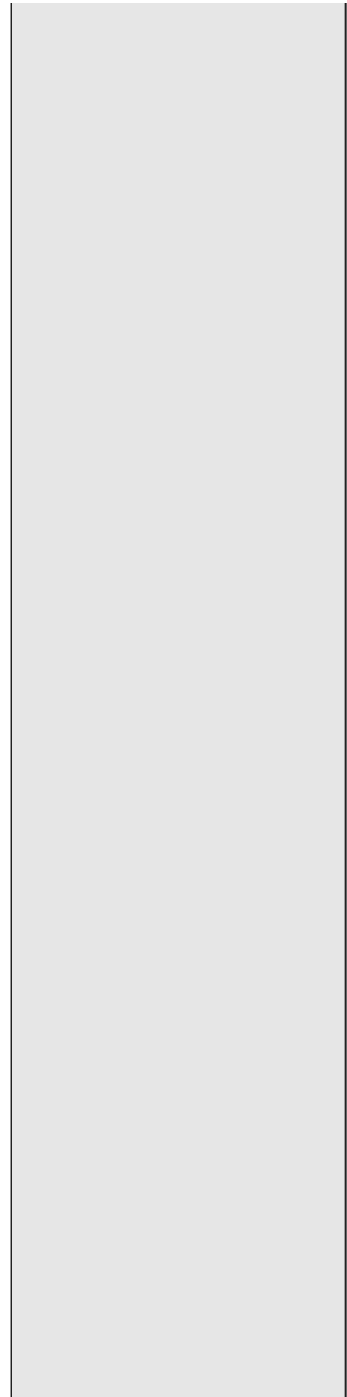


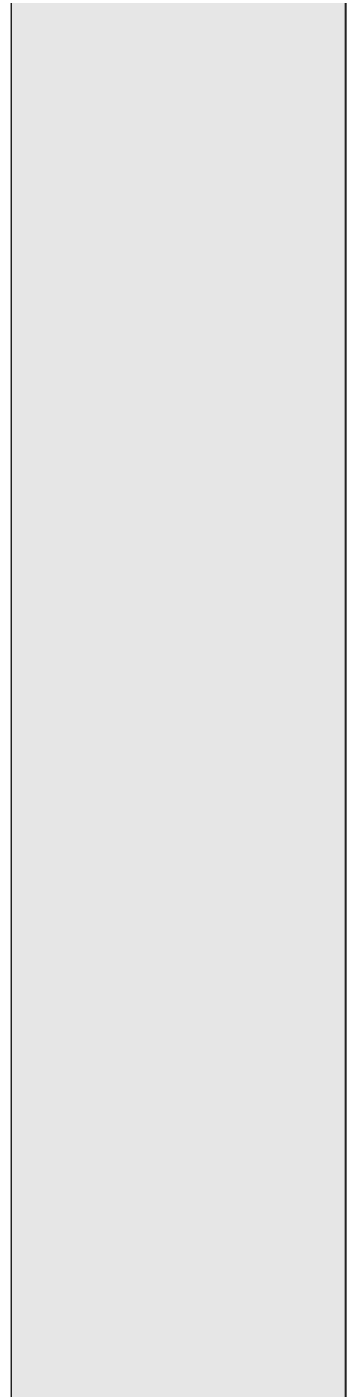


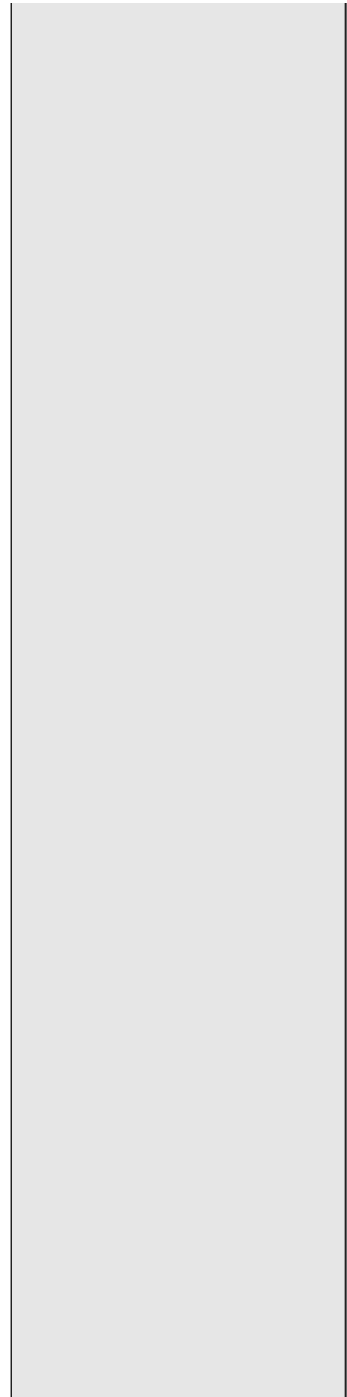


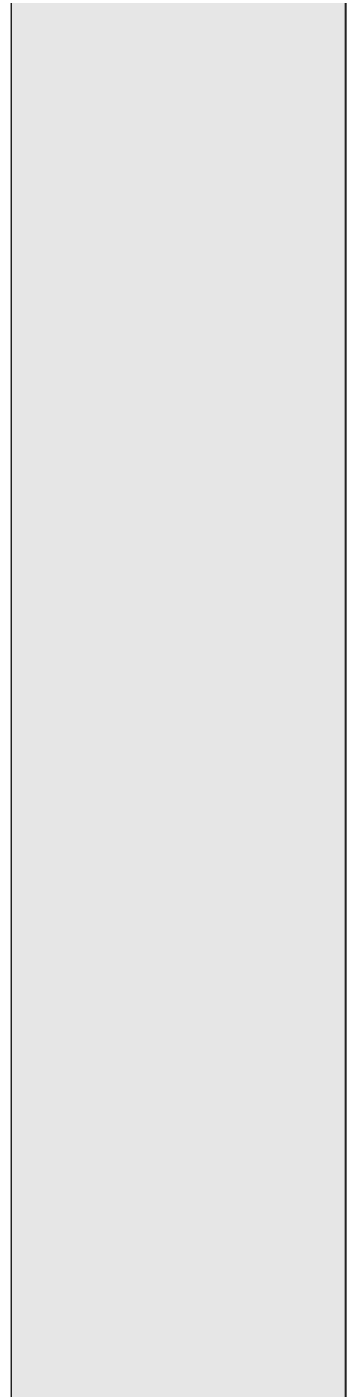


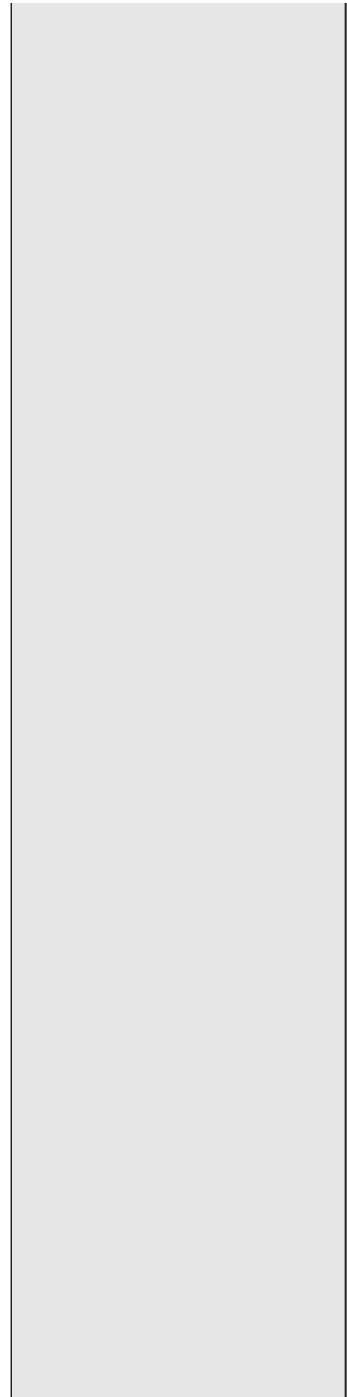


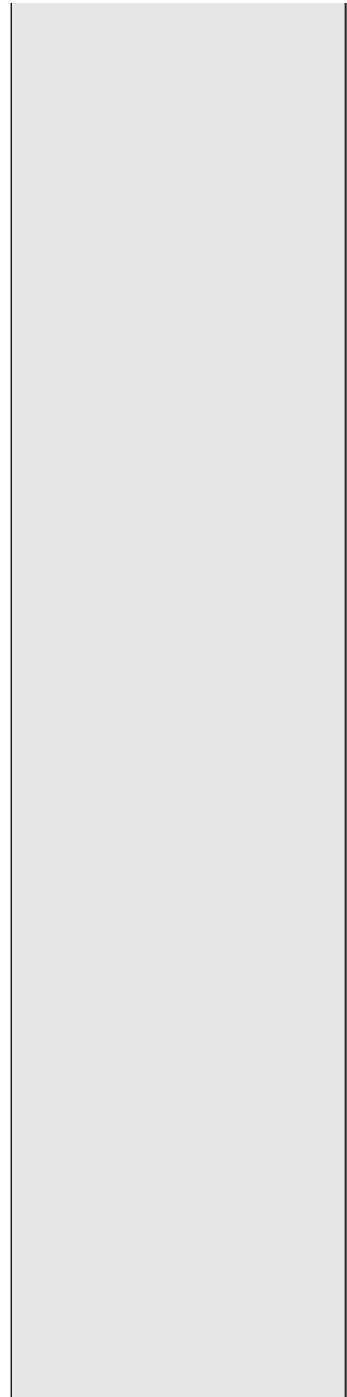


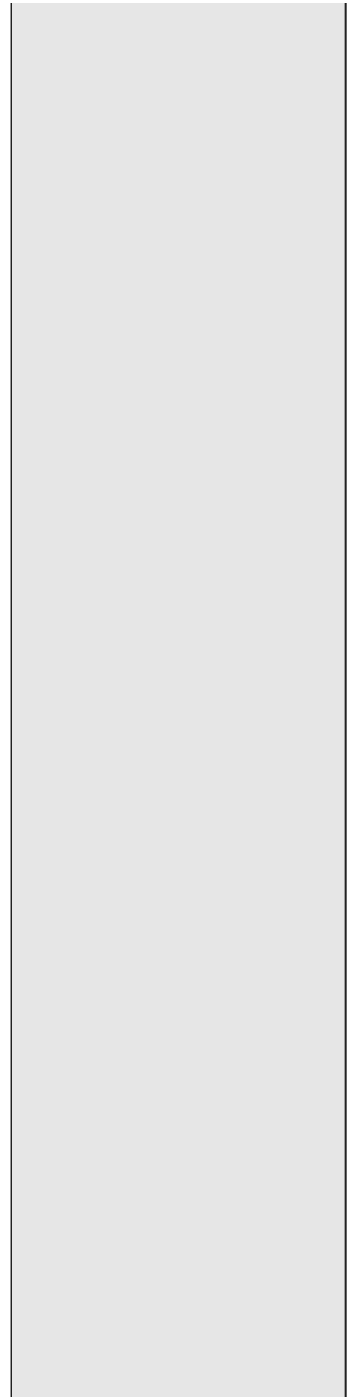


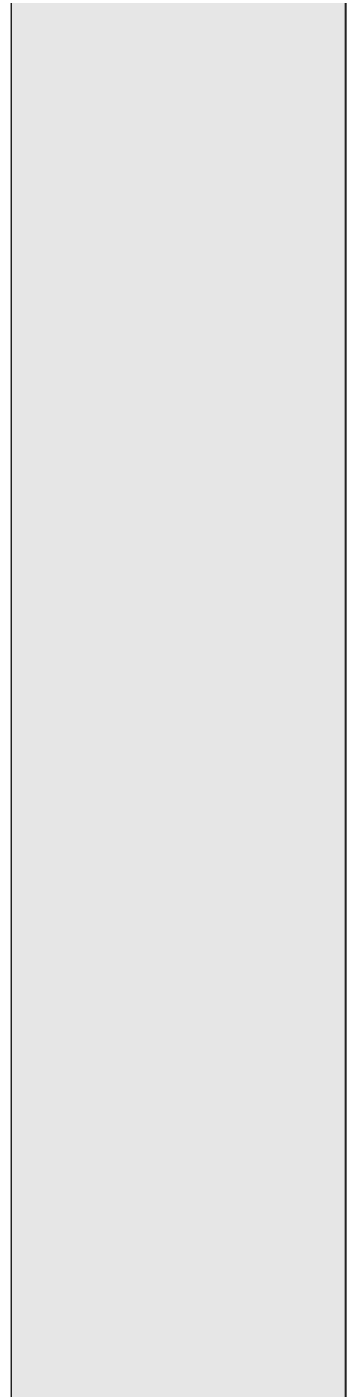


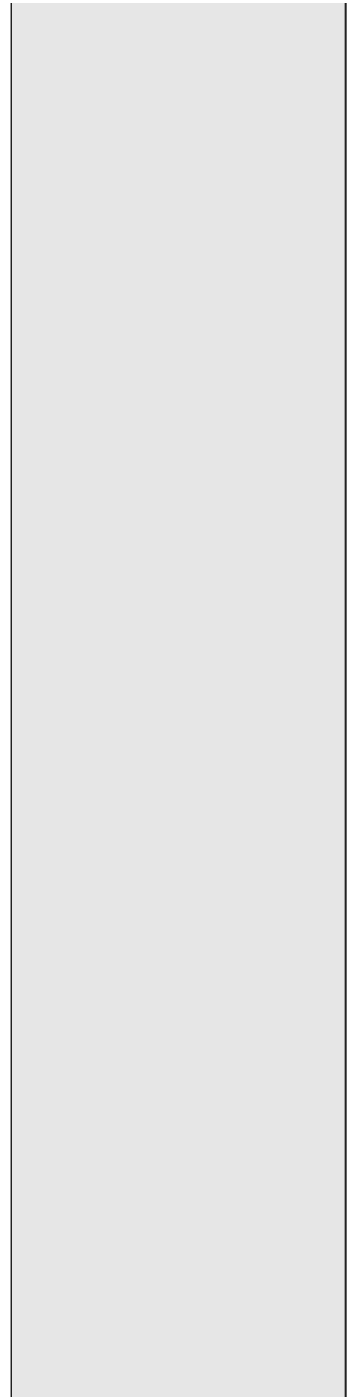


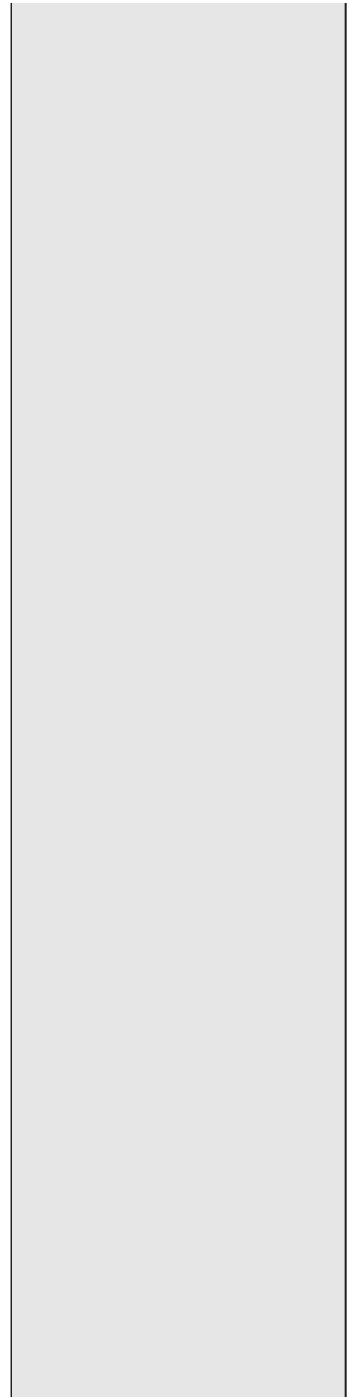


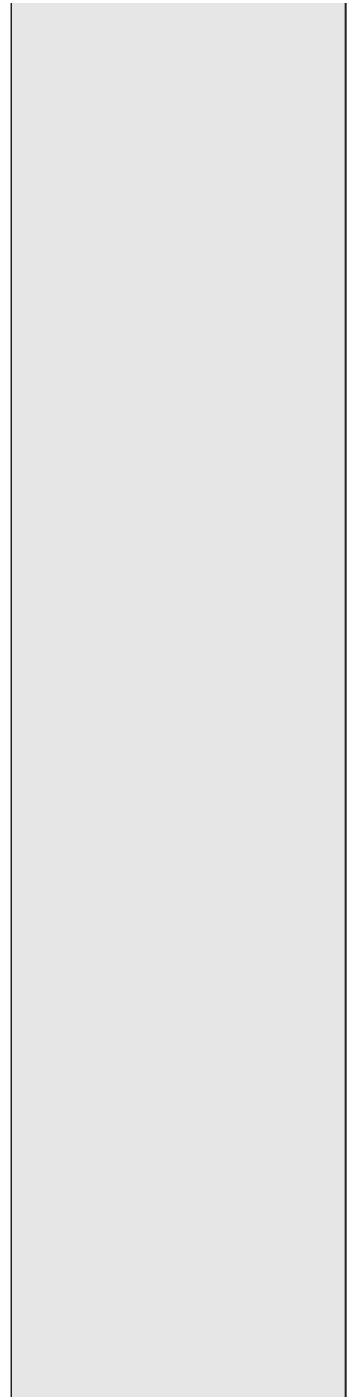


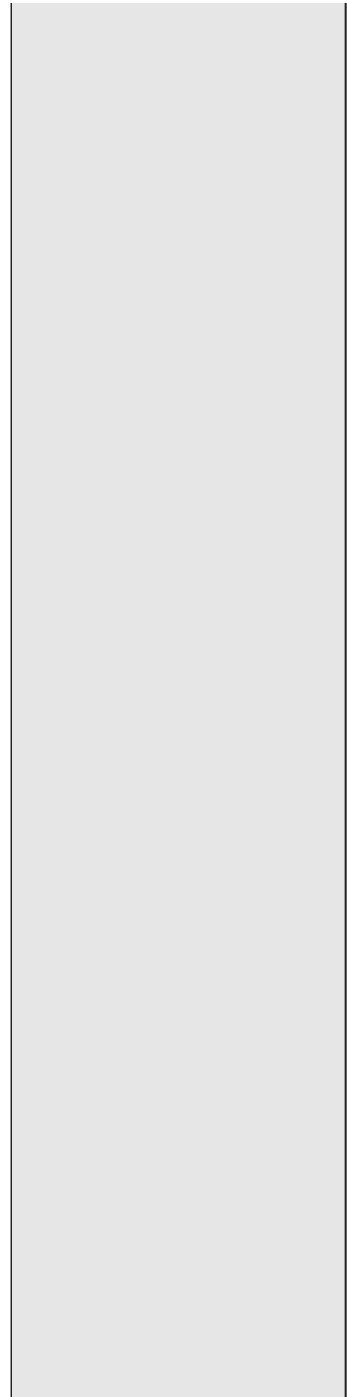


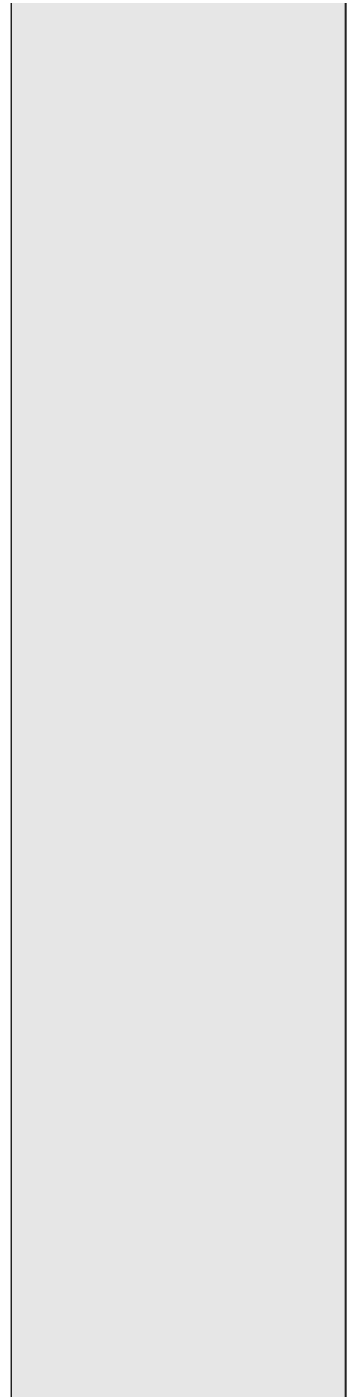


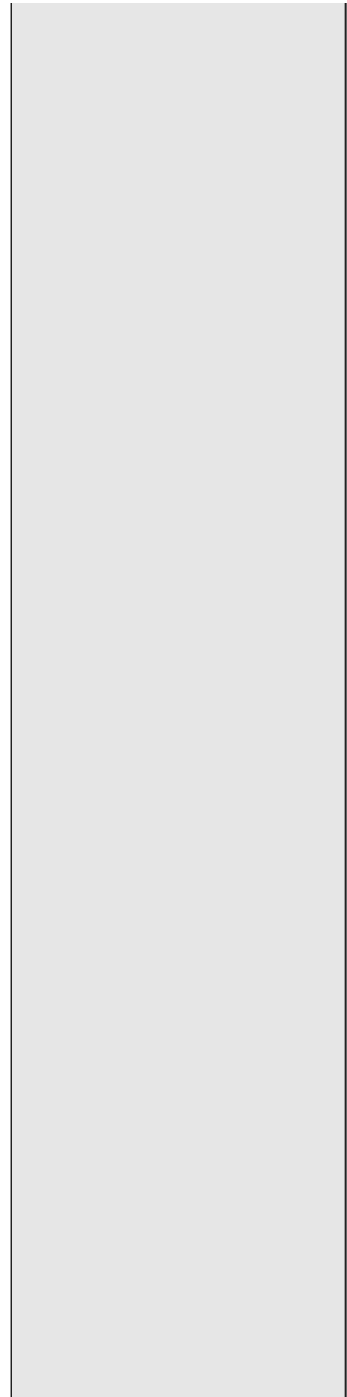


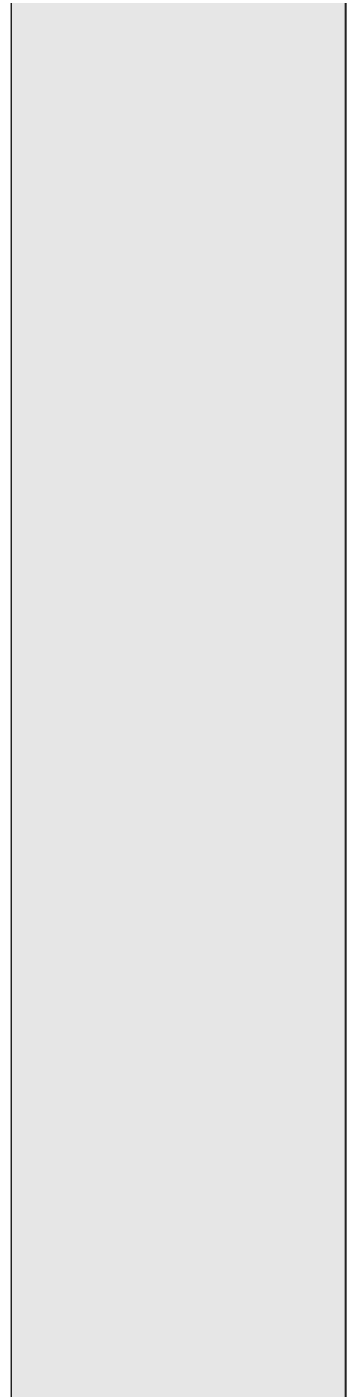


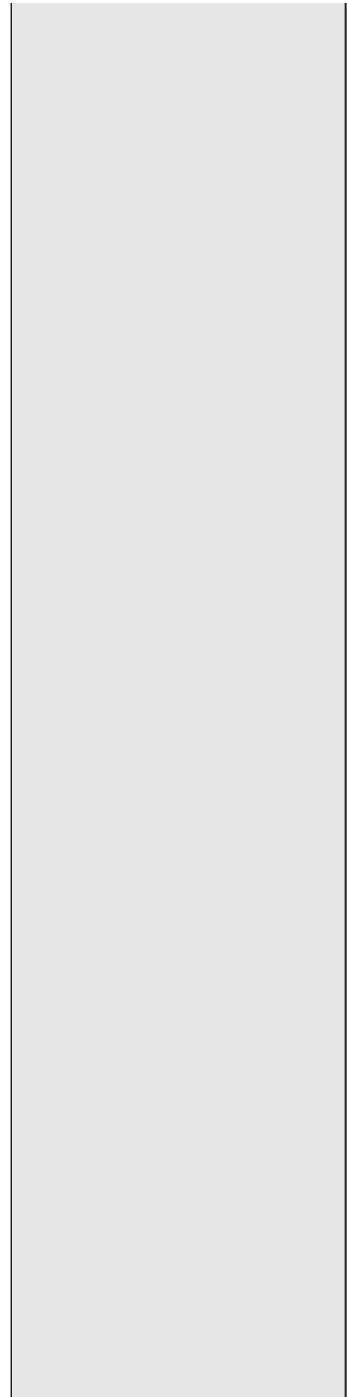


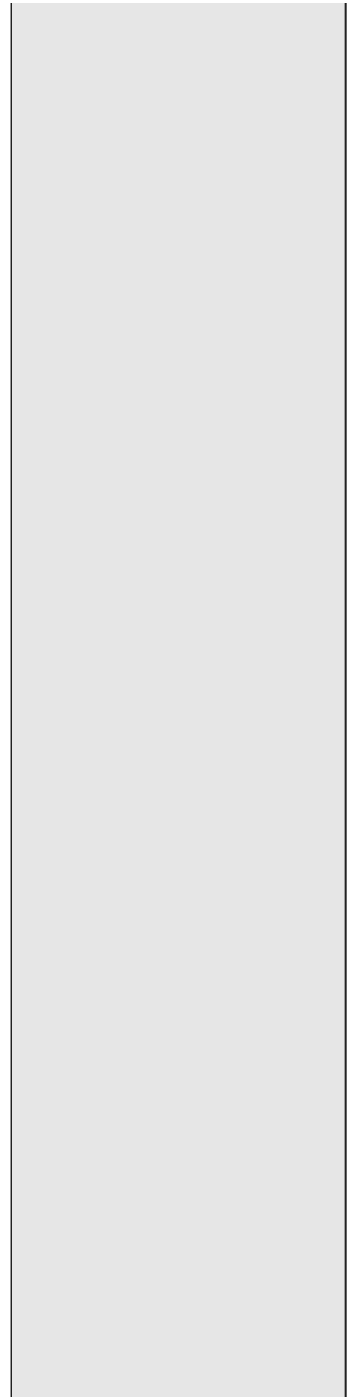


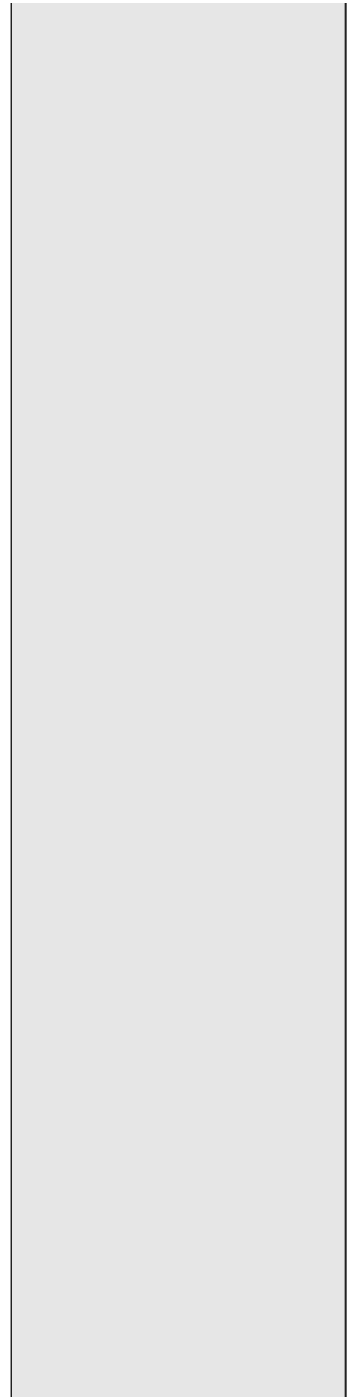


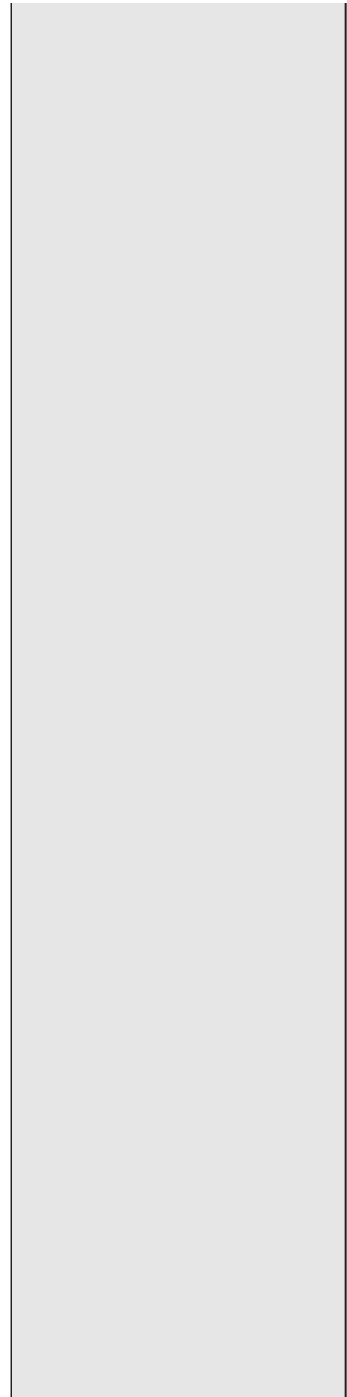


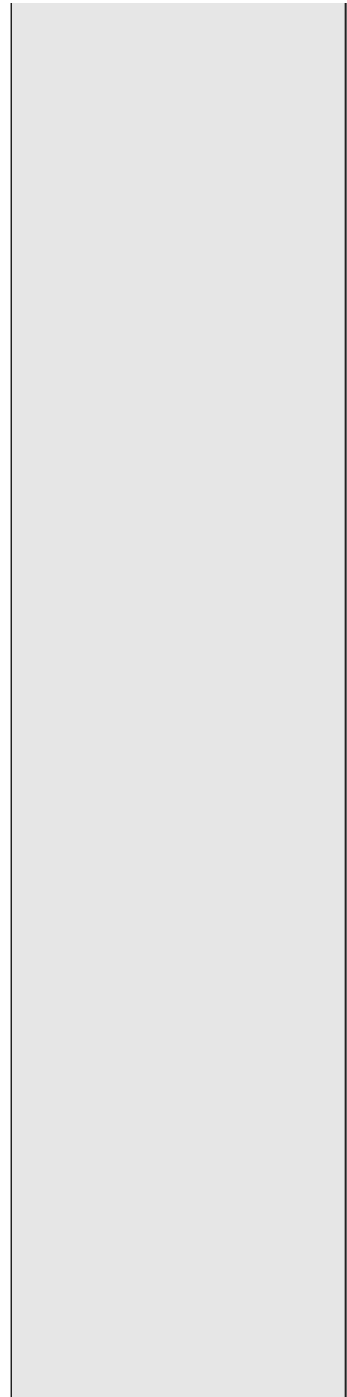


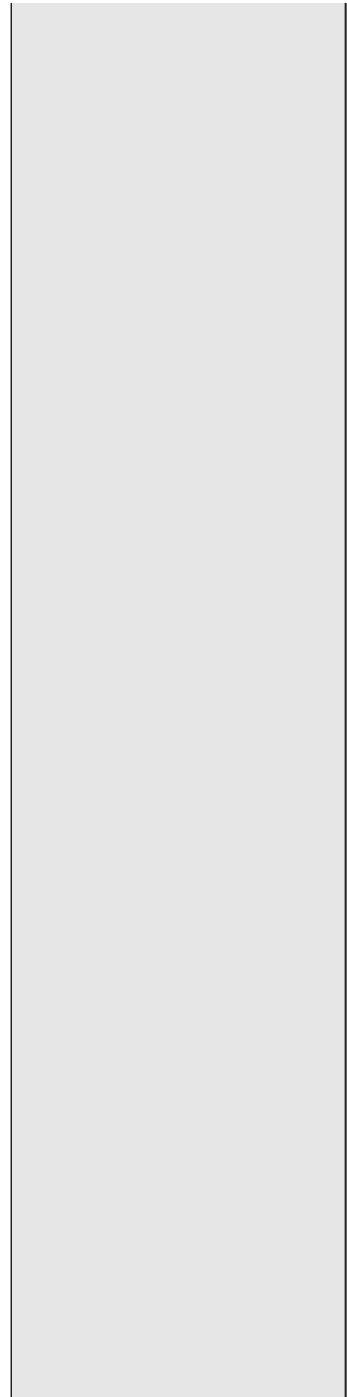


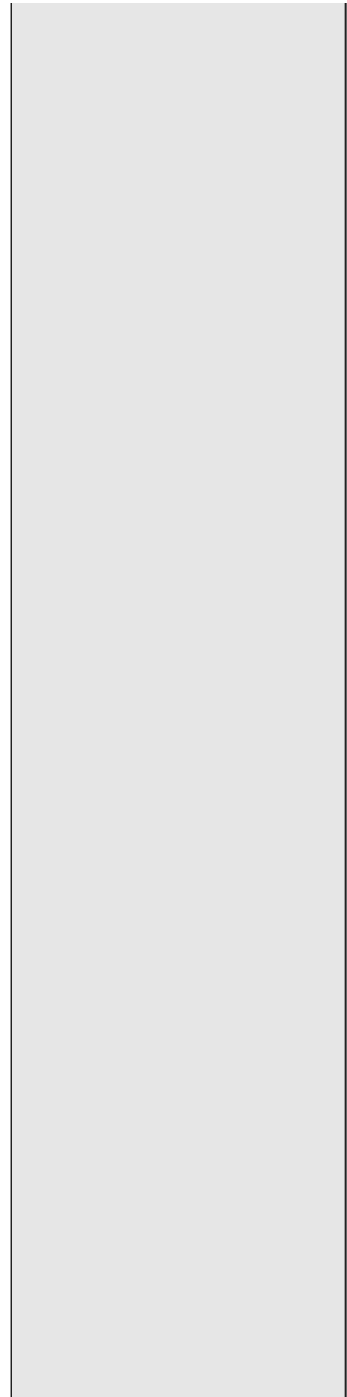


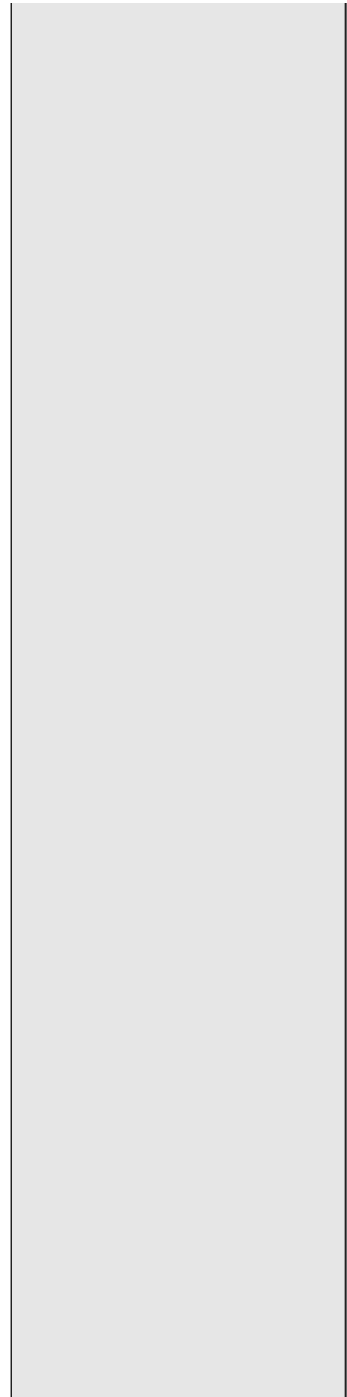


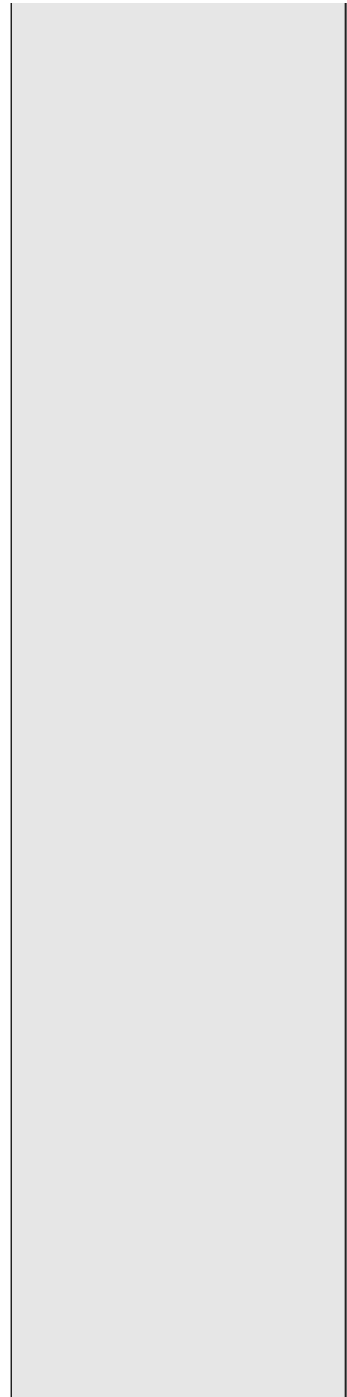


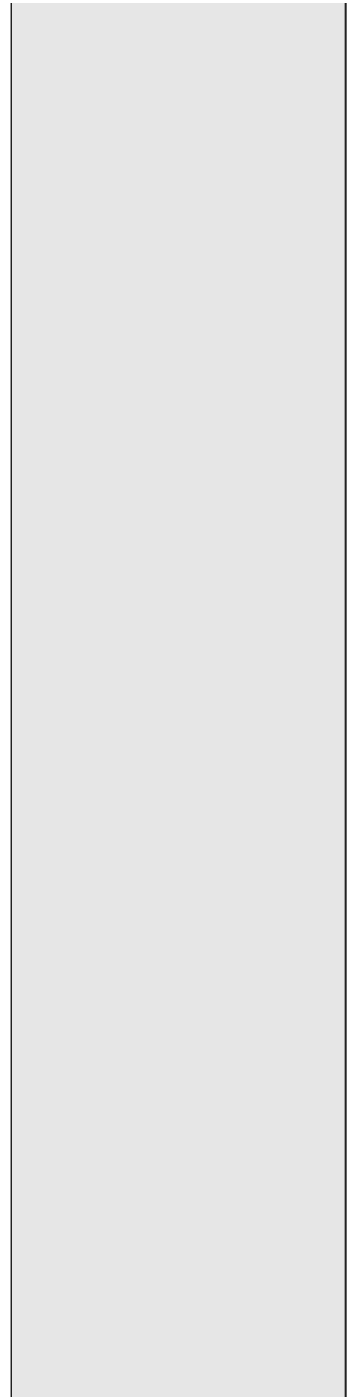


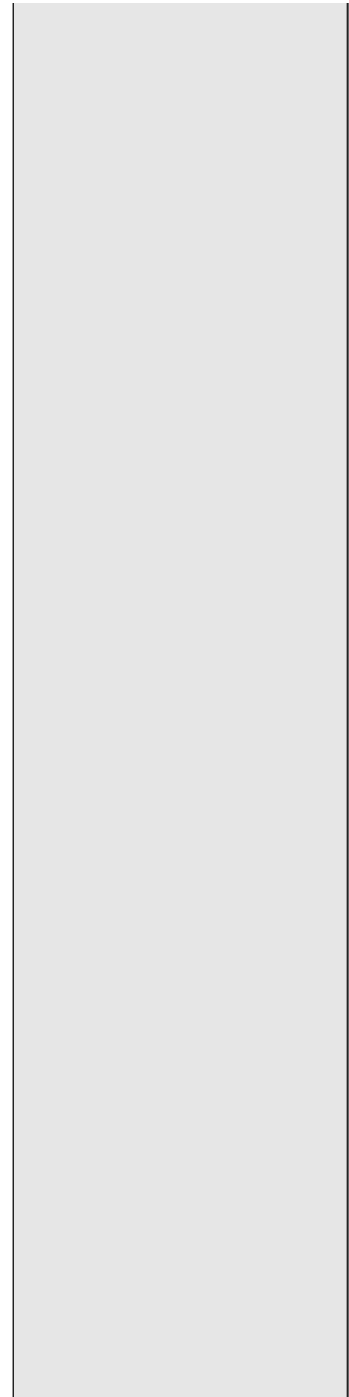


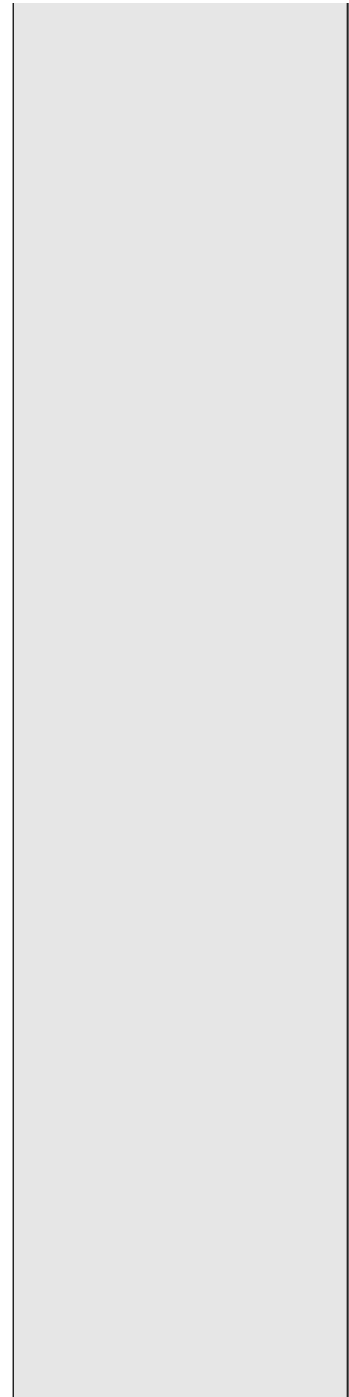


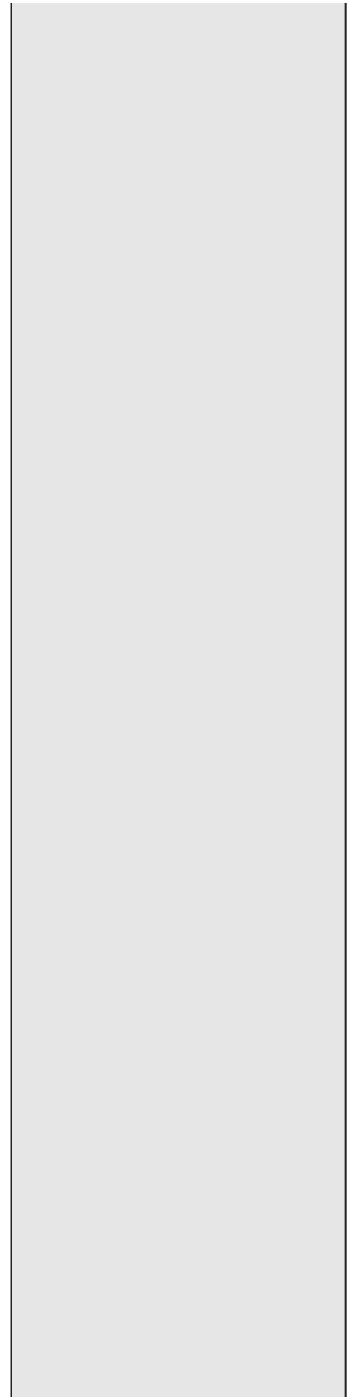












Accreditation / External Approval Requirements *	This programme has gone through an external validation process where the curriculum has been discussed with Academic and Industry partners locally and internationally.
	Attendance requirements are described in the policy Student Attendance A/AB/006.

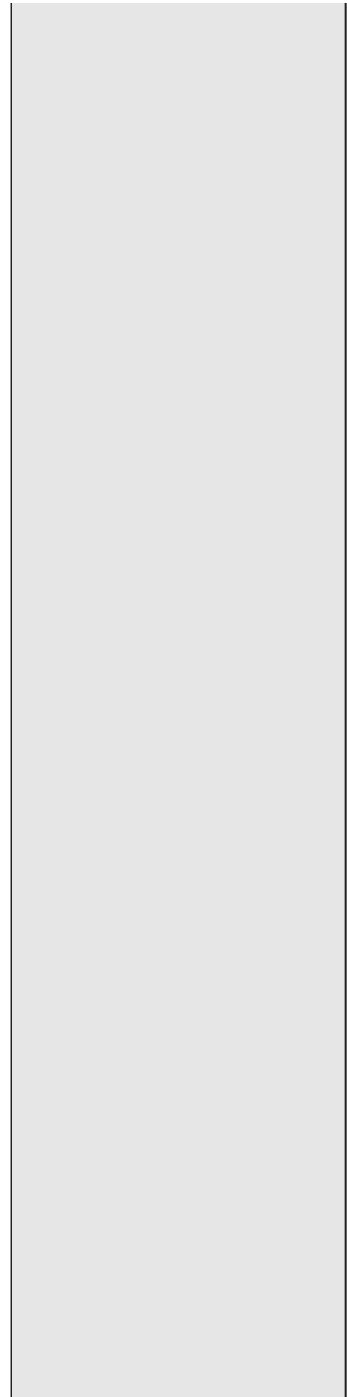
Attendance Requirements *	
Qualification Overview *	The Electromechanical qualification is a technically strong qualification that aims to provide for the needs industry nationally, regionally and internationally. The qualification has a combination of electrical, mechanical and electronics engineering knowledge and skills upon which graduates can build to reflect the wide range of fields and industries that are present locally and regionally. There is emphasis on solid mechanics, thermodynamics, sustainability and control to suit the petrochemical, aluminum and manufacturing industries. Students gain advanced theoretical knowledge and specialist practical skills in the areas of Mechanics (static, structural and Dynamic), workshop practice, thermodynamics and fluid mechanics, engineering design, circuits design, digital devices, electrical machines and drives, instrumentation, control systems, power electronics and systems, design and installation of electromechanical systems, engineering project management and environmental energy systems. Students are introduced to software packages Matlab and LabView and 3Dimensional modelling software, SolidWorks, is integrated and used extensively throughout the programme. Students are given an option to explore specializations in their final year from a selection including Applied Control Engineering, Applied thermodynamics and heat transfer, CAD/CAM, low voltage electrical systems, advanced power electronics, failure mode and effect analysis and process Engineering Principles.

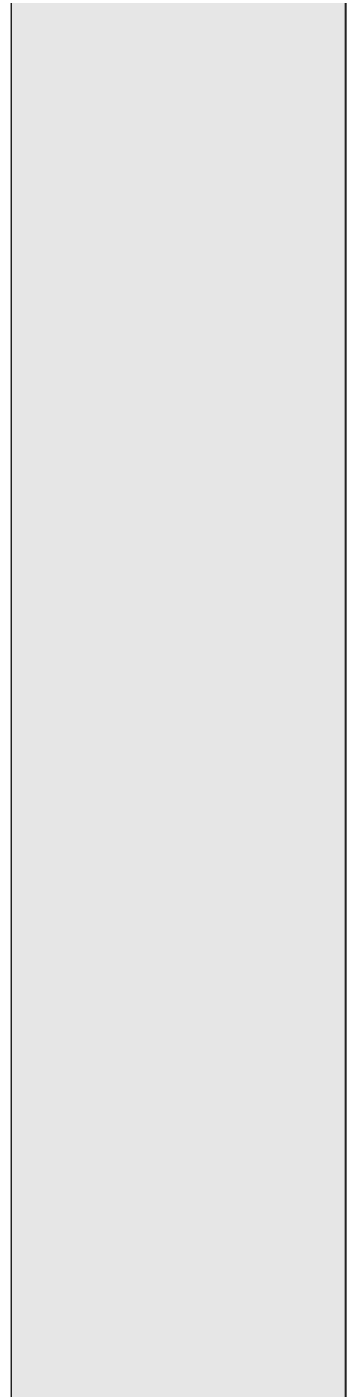
Qualification Aim *	The aim of this qualification is to provide students with a comprehensive set of skills for employment as engineering technologists (an engineering technologist is defined by the Sydney Accord as being competent at analysing, solving, managing and taking responsibility for broadly-defined engineering problems and activities). The qualification will provide students with: - theoretical and practical skills to solve engineering problems and design engineering systems in the broad area of electrical and mechanical engineering, Mechanics, Thermodynamics, Fluid Mechanics, Control engineering systems, Power Systems, Electrical Machines and drives and Electromechanical Design of installation systems for the industry and Building Services Sector. - Skills necessary for effective communication, analysis, teamwork, documentation and evaluation of systems through the inclusion of courses in English language, mathematics, applied project, ethics and social responsibility.
Graduate Pathways and Destination *	This qualification equips graduates to start their engineering career as an engineering technicians. Future roles include production technician, maintenance technician, sales technician, project technician or quality assurance technician, and ultimately into engineering, and management positions in technology-focused organisations. This programme prepares students for the following further learning, careers and/or employment opportunities: - Reliability and Maintenance technician - Industrial process technician - Building services technician - Programmable logic controllers and industrial automation - Electrical Machines operation and maintenance - Robotics operation - Medical devices operation - Construction - Mechanical and electrical manufacturing - Project Management technician - Computer-aided design (CAD) Graduates from the Diploma in Engineering Technology (Electromechanical) who wish to continue their studies may apply to any university for admission into their programme according to their admission criteria. The diploma graduates will be accepted in the BEngTech (Electromechanical) programs of Bahrain Polytechnic according to admission policies and procedures.
	Work Experience Requirements: Students are required to complete work experience in approved engineering companies. This work experience will normally be carried out during the academic year and Academic Break.

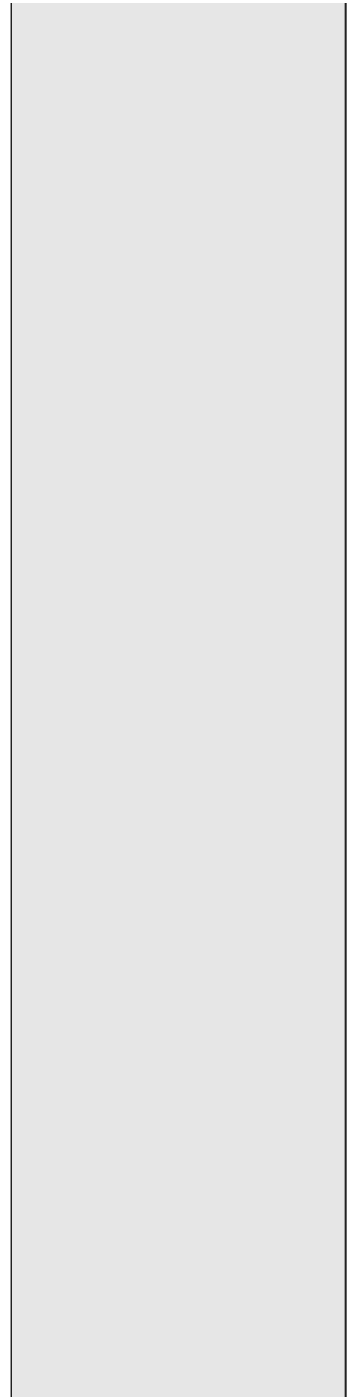
- Work experience will normally be arranged by the Faculty, but students can also apply to obtain work placement on their own.
- Records of attendance will be maintained at the workplace and forwarded to the Faculty following each work experience period.
- Work placements must be approved by the Programme Manager and the Head of School and involve the student in activity that will contribute to the student's knowledge of the engineering technology industry.
- To have the work experience credited, each student must also complete a work-placement logbook describing the work performed and the practices observed during each period of work experience along with an evaluation of the employability skills obtained by the work supervisor.

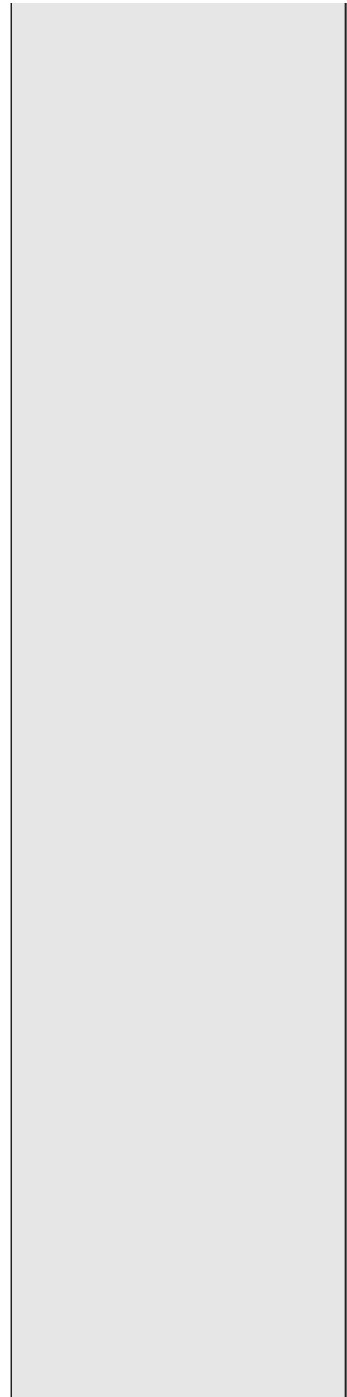
Exemption from work experience requirements:

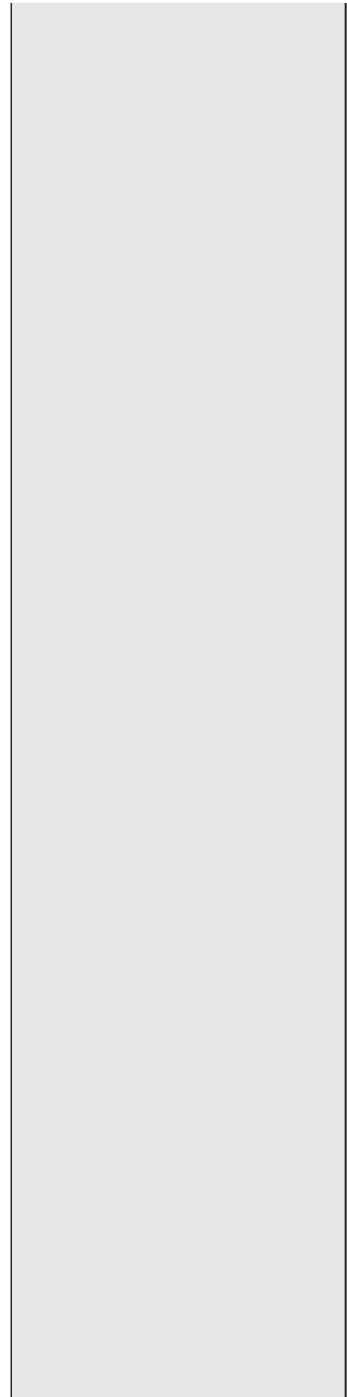
- Students may be given partial or total exemption from the work experience requirements if they have completed appropriate alternative work experience.
- Applications for exemption must be made in writing to the Programme Manager.
- Supporting evidence and information (e.g. certificates awarded and workbooks or other evidence of work performed) must be submitted with the application.

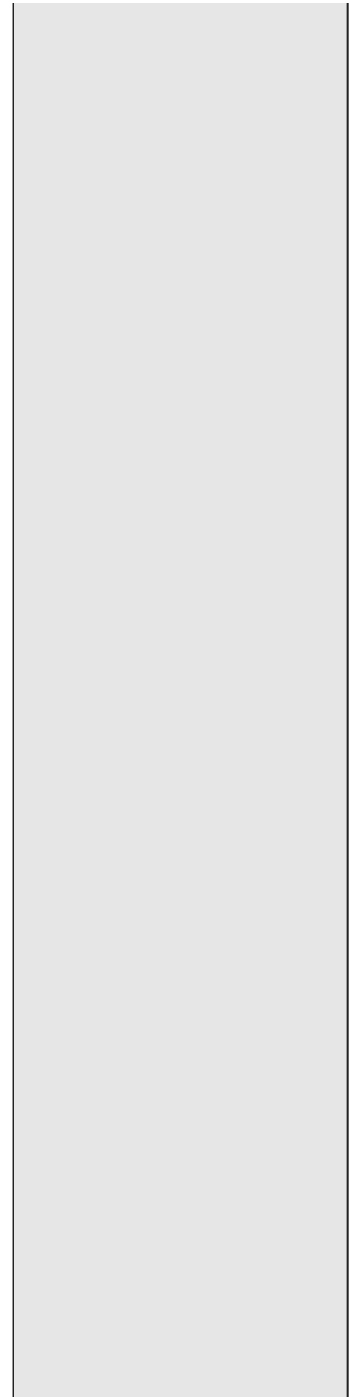


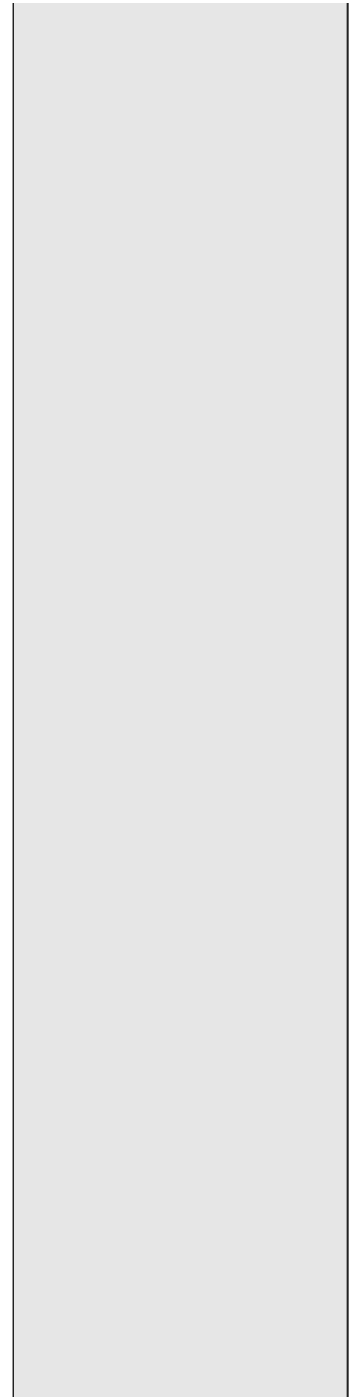


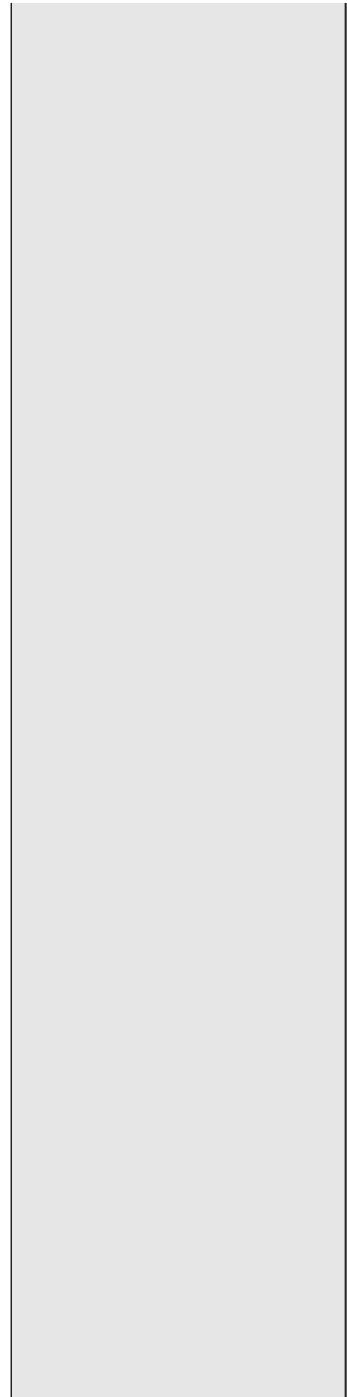


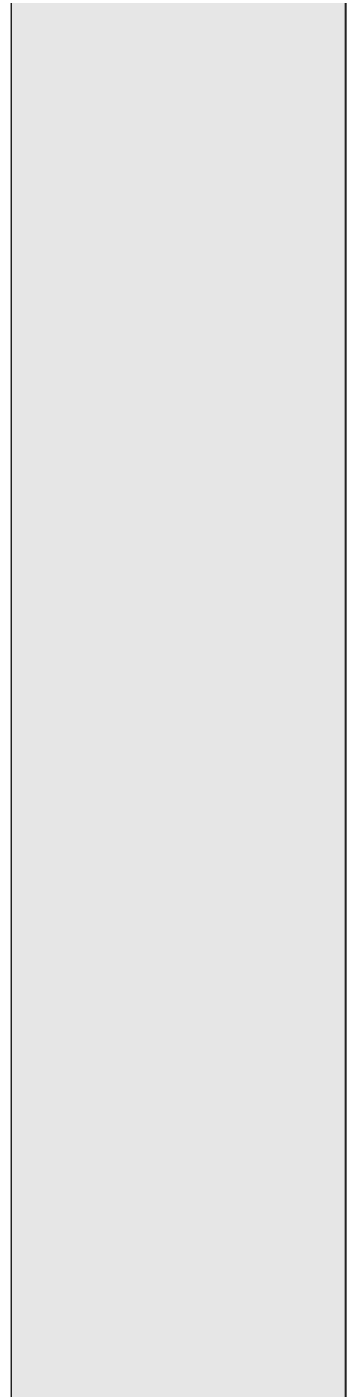


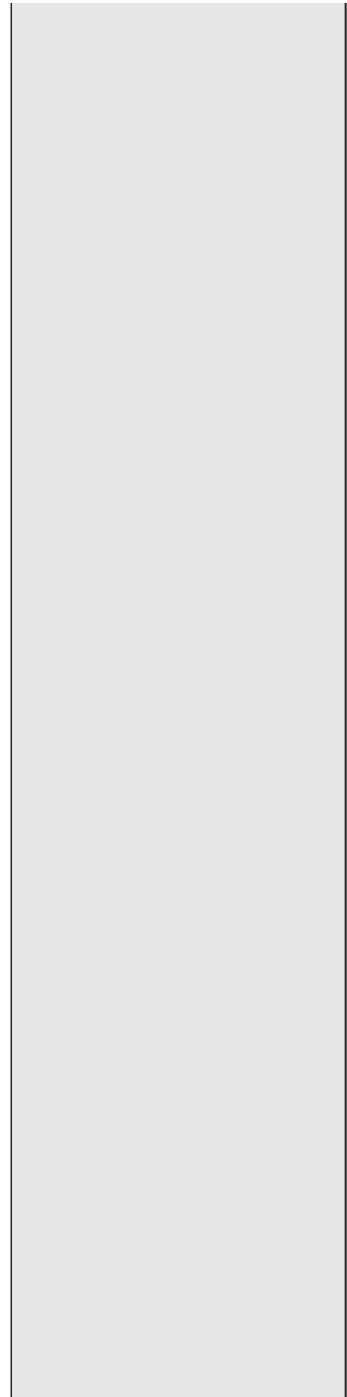


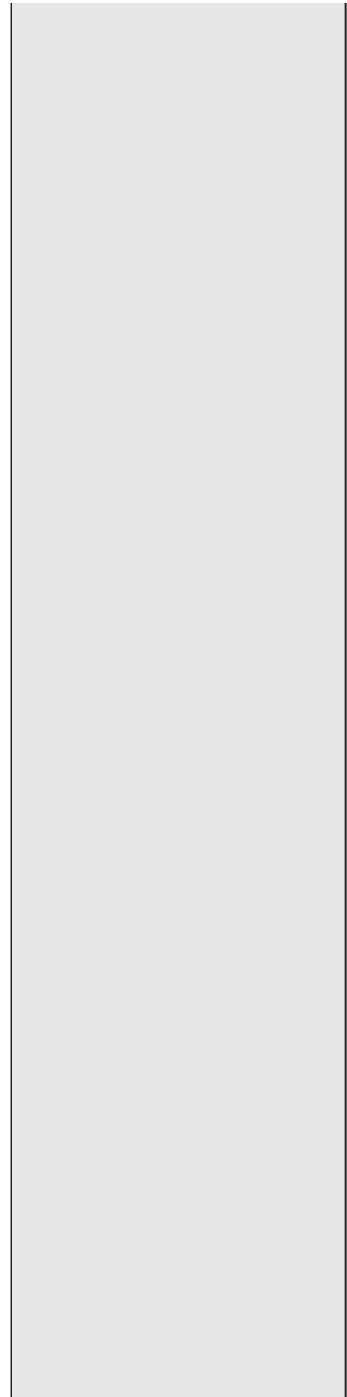


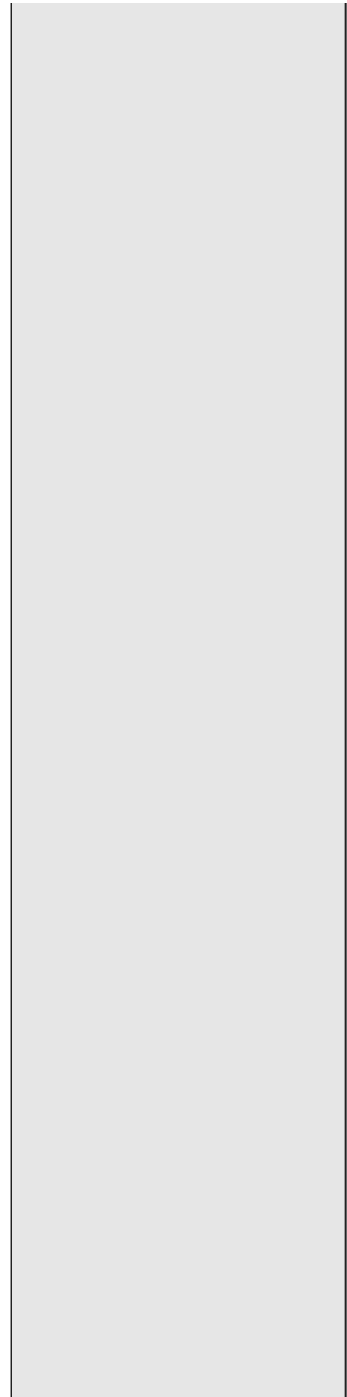


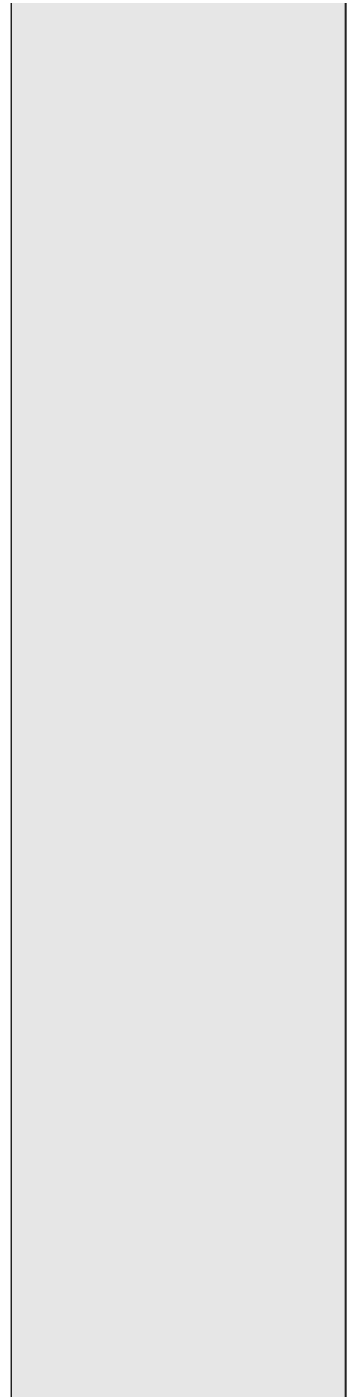


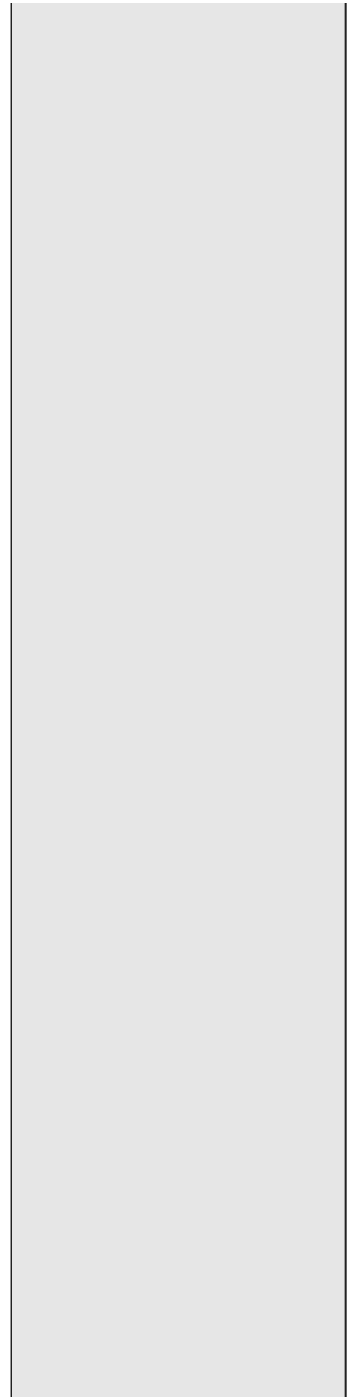


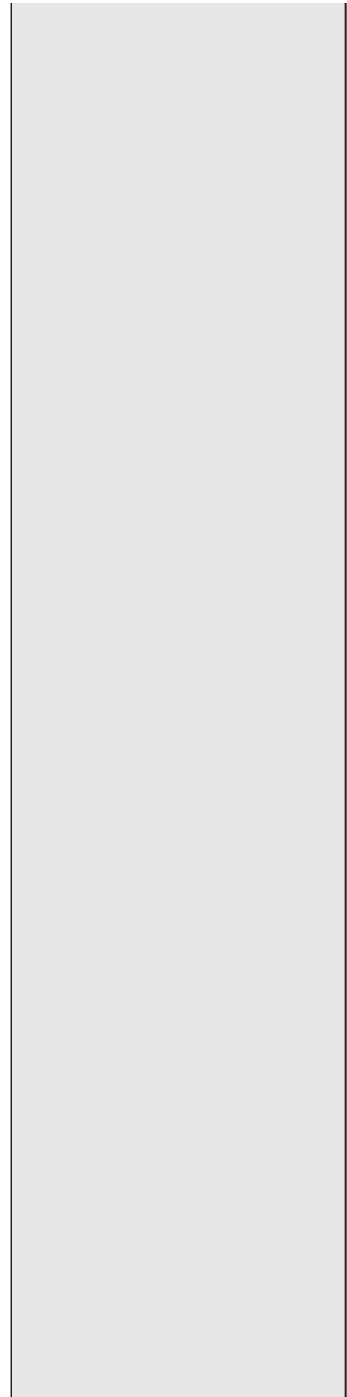


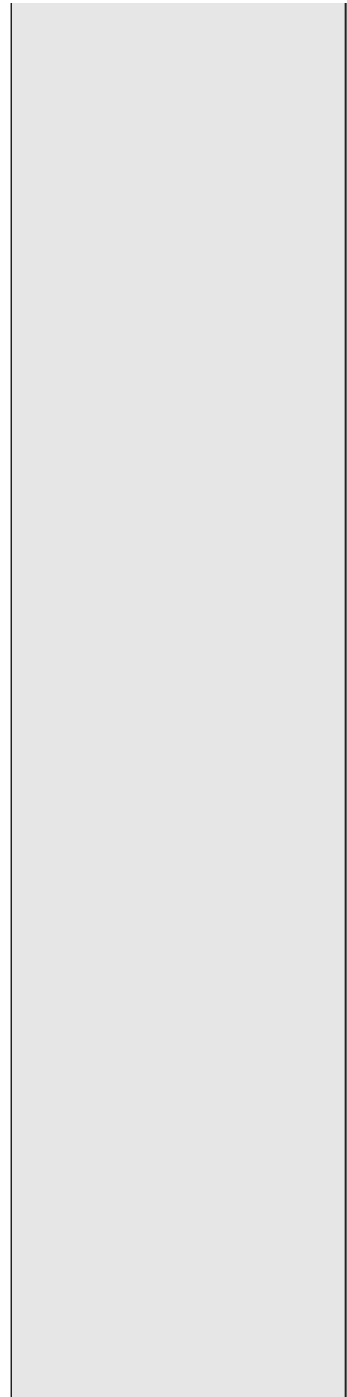


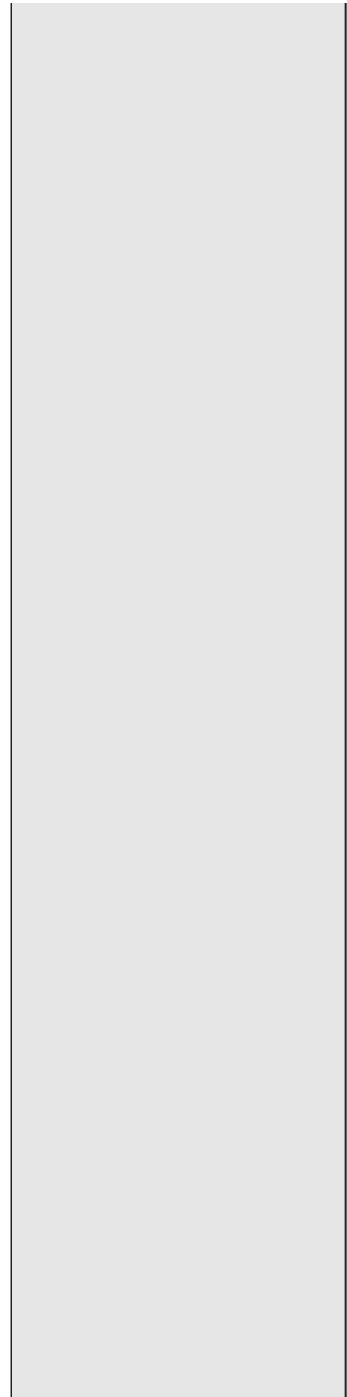


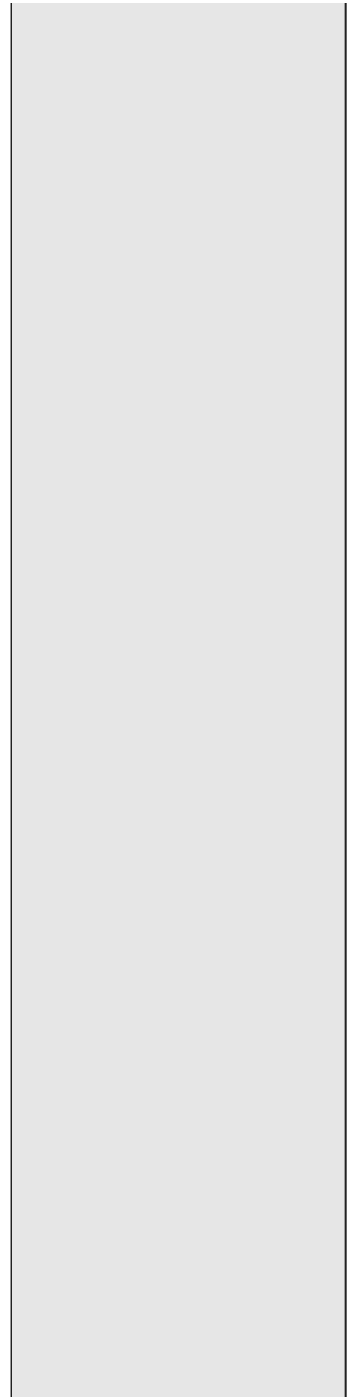


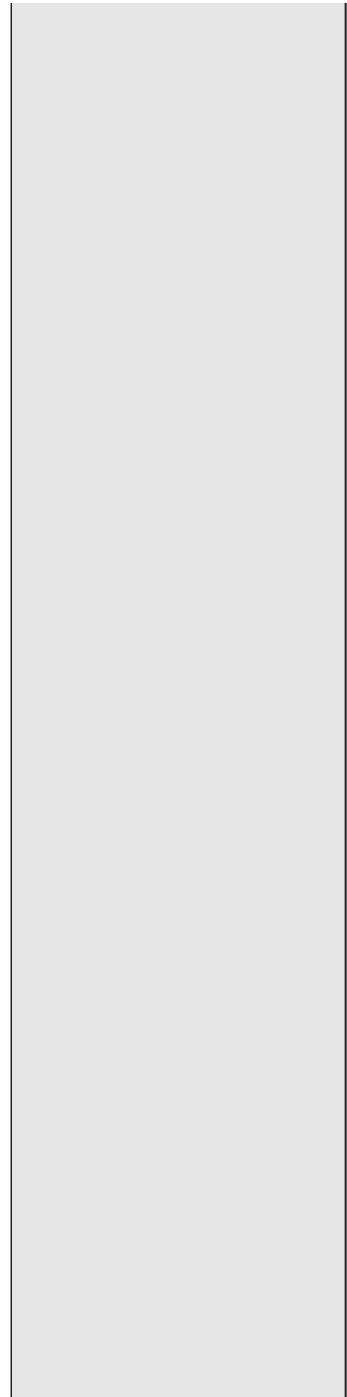


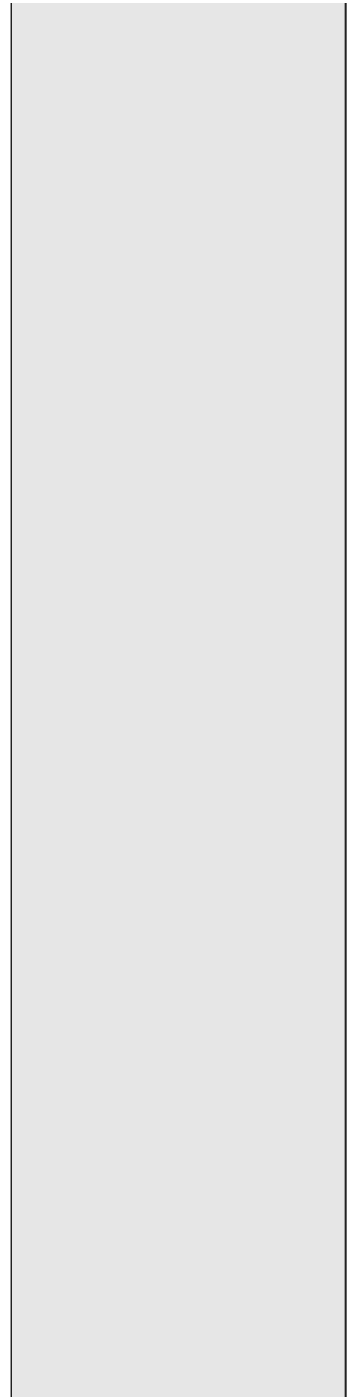


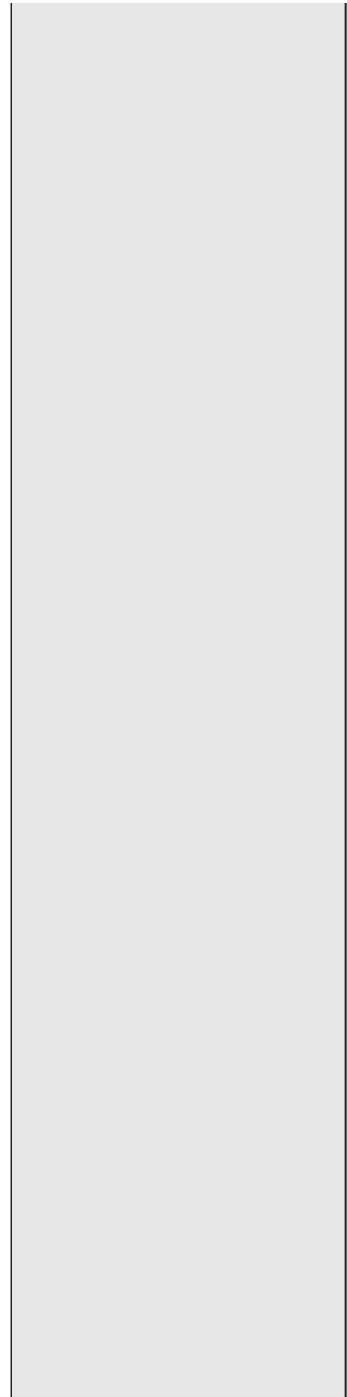


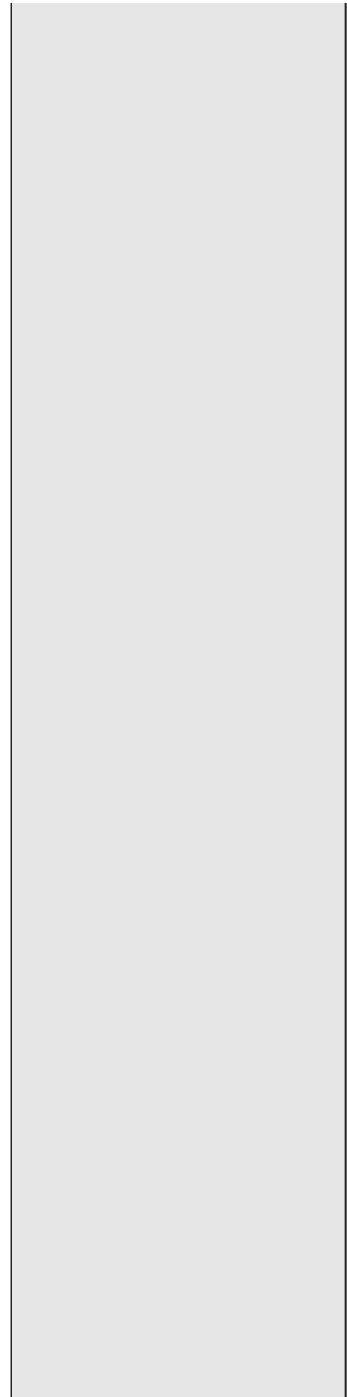




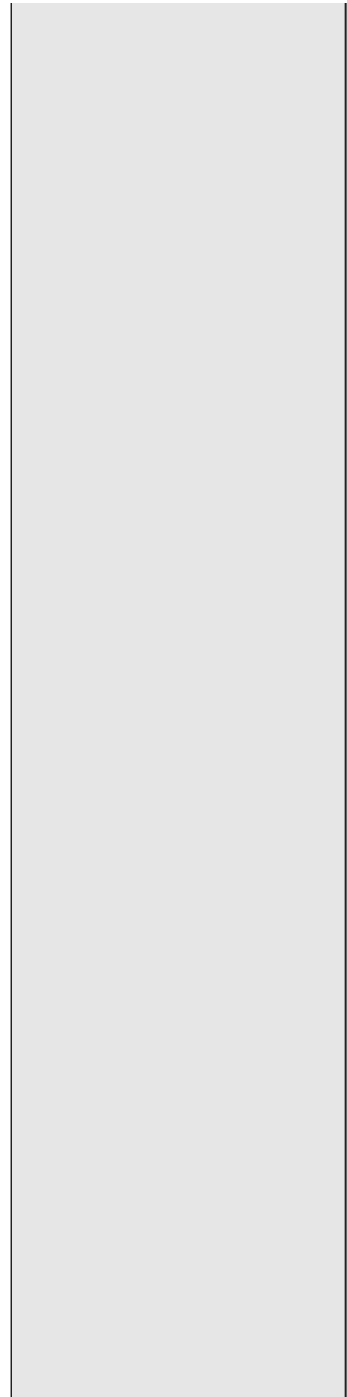


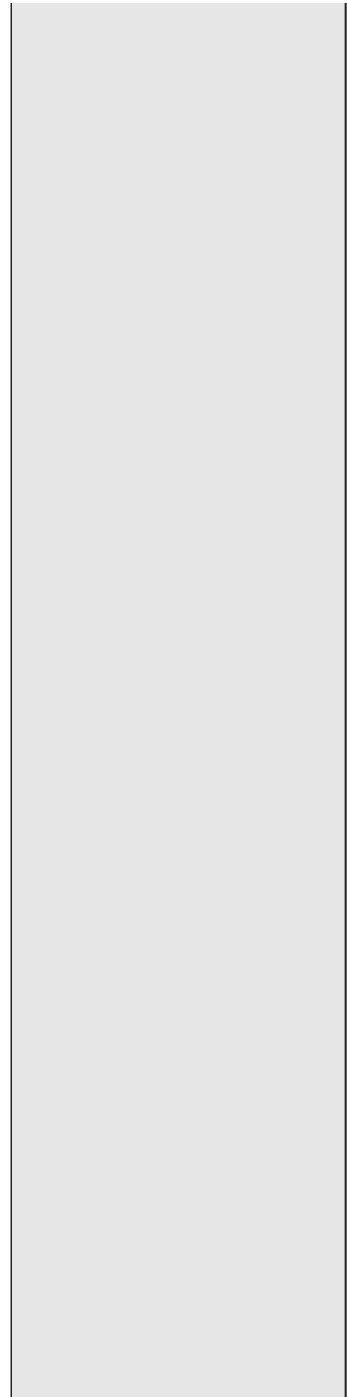


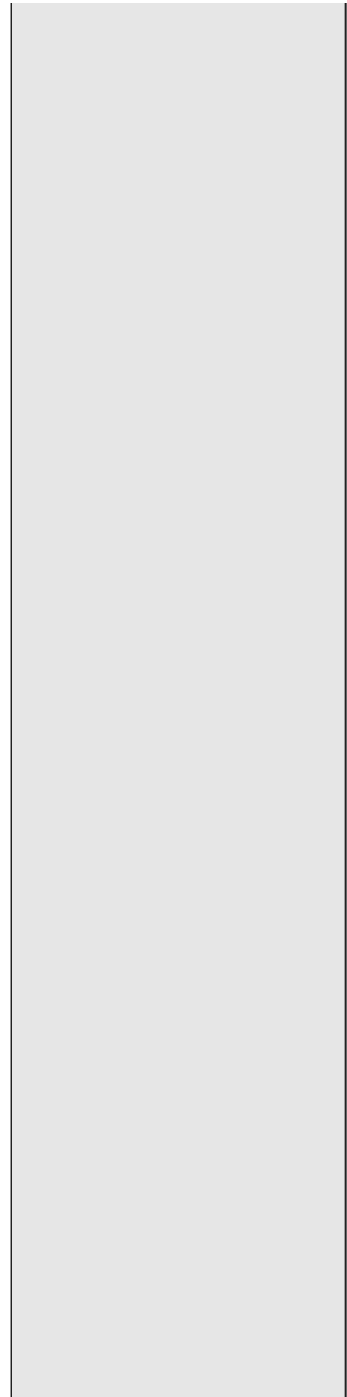


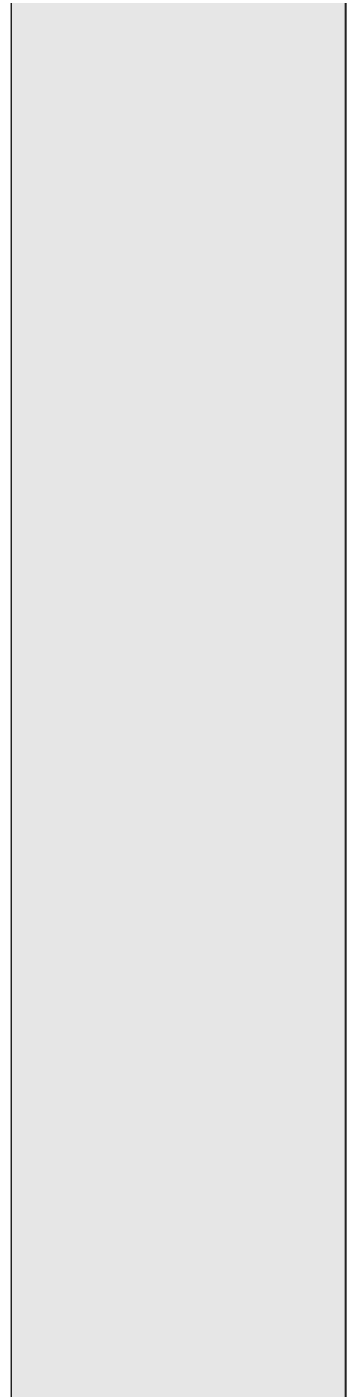


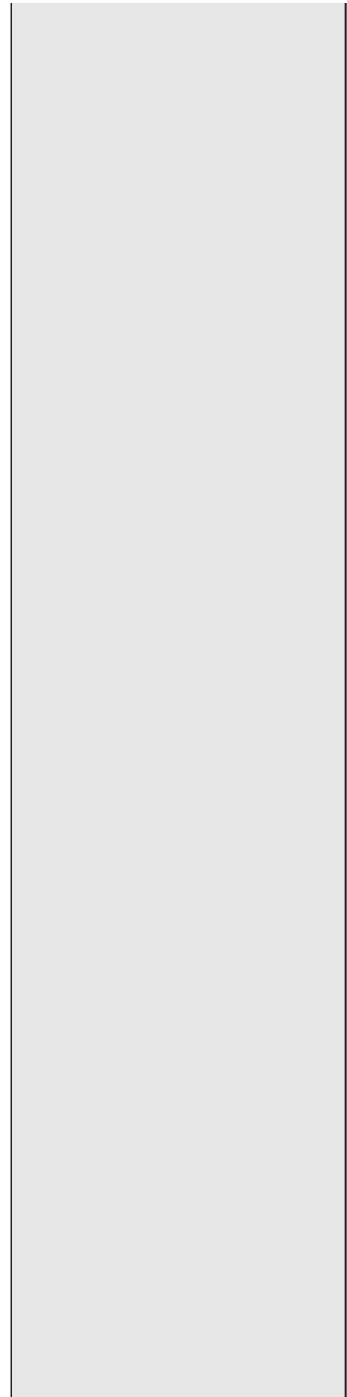
Other Information *

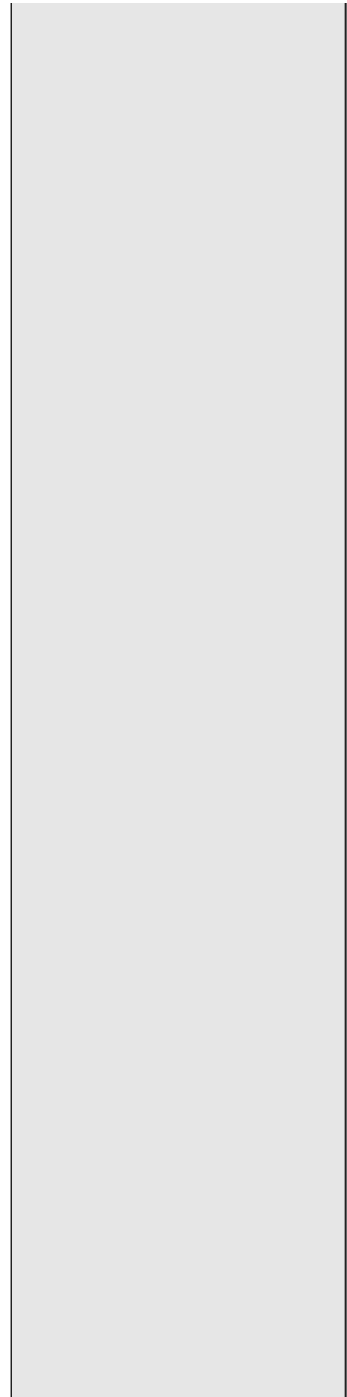


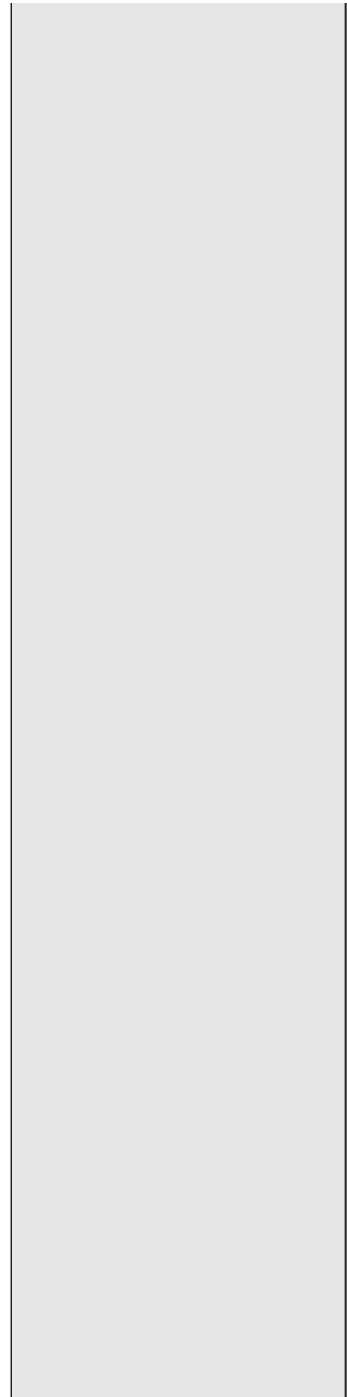


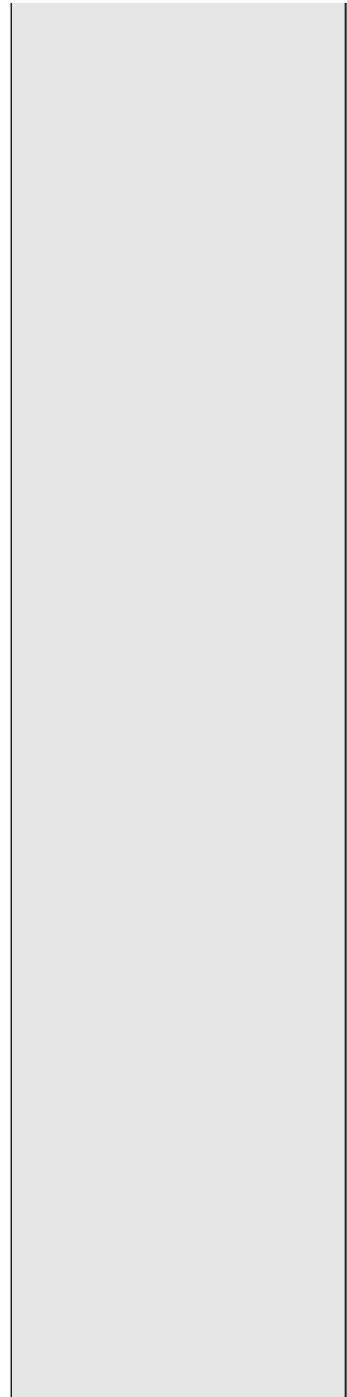


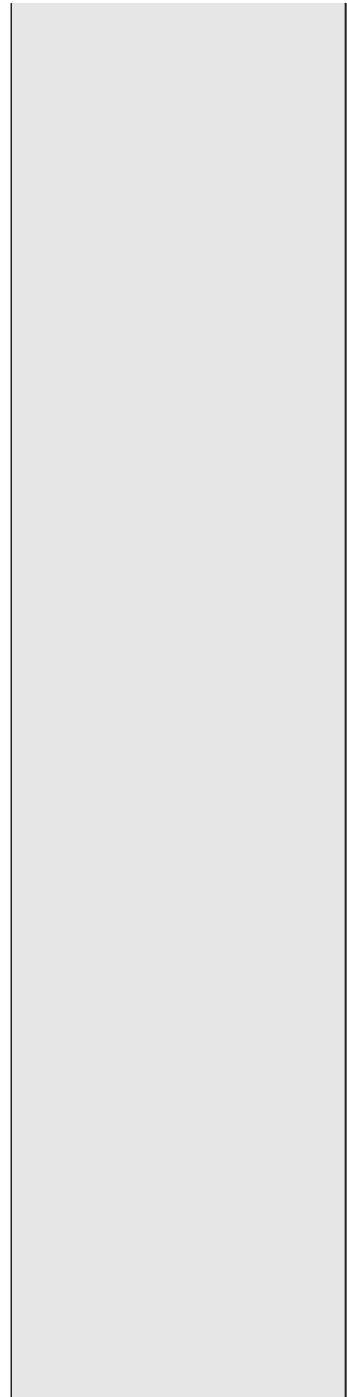


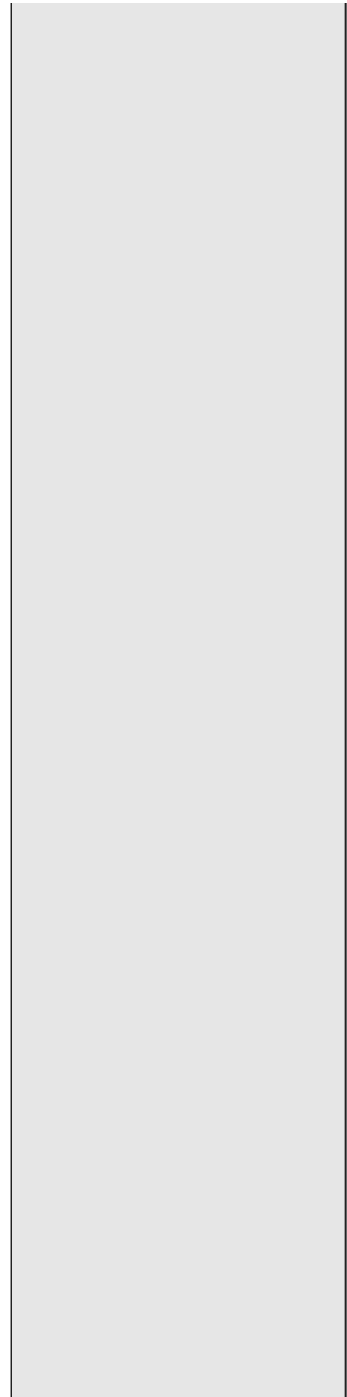


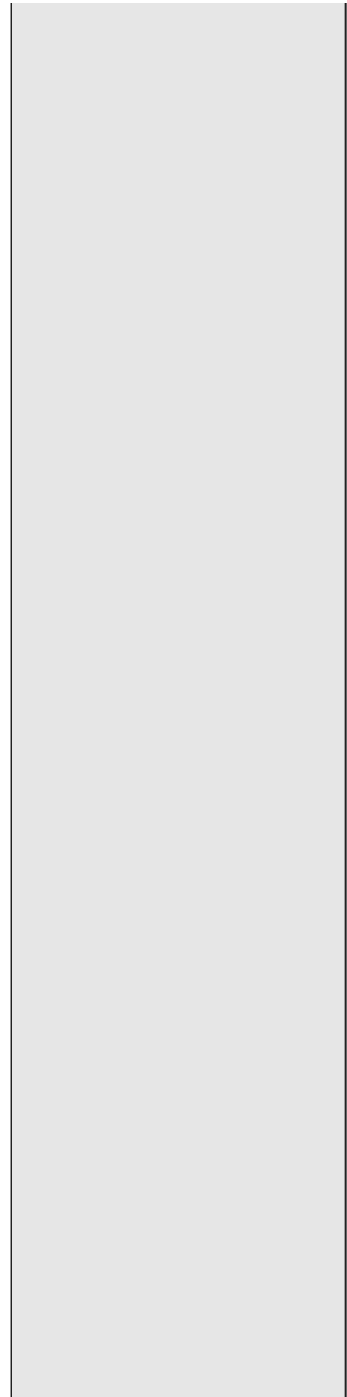


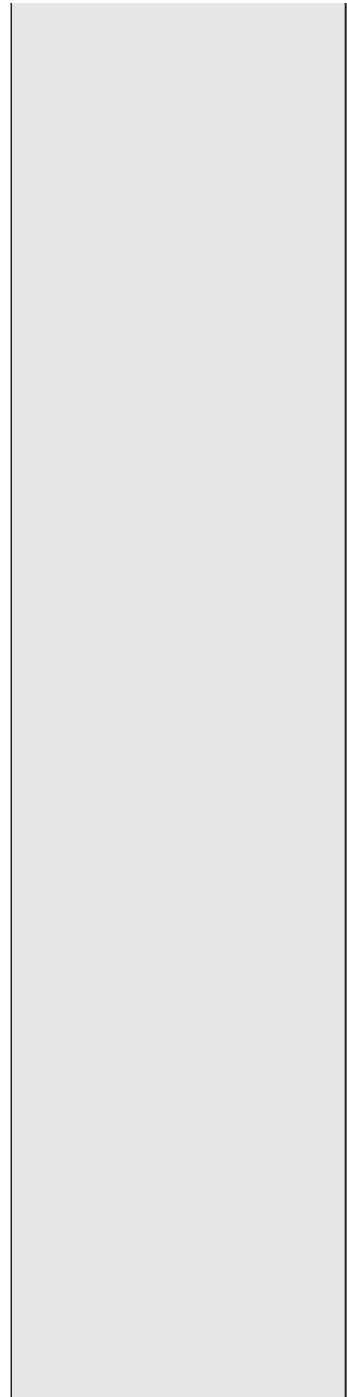


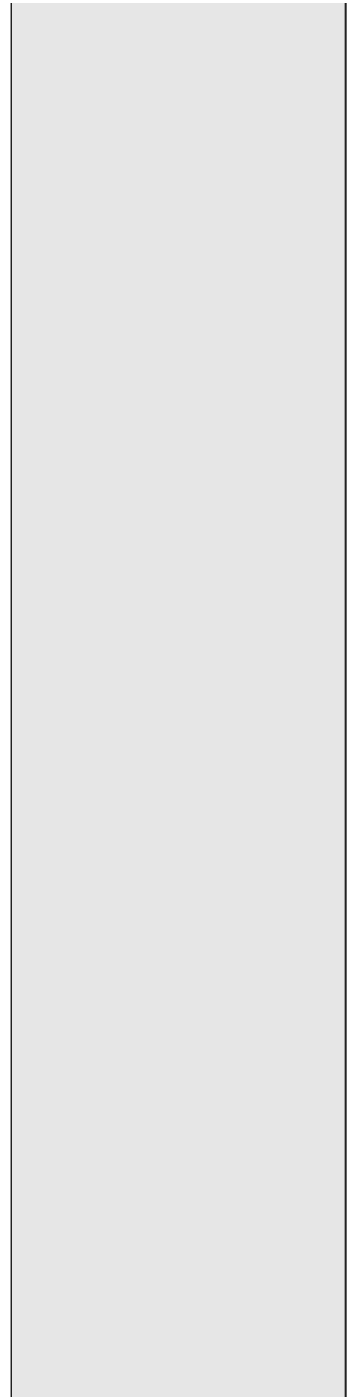


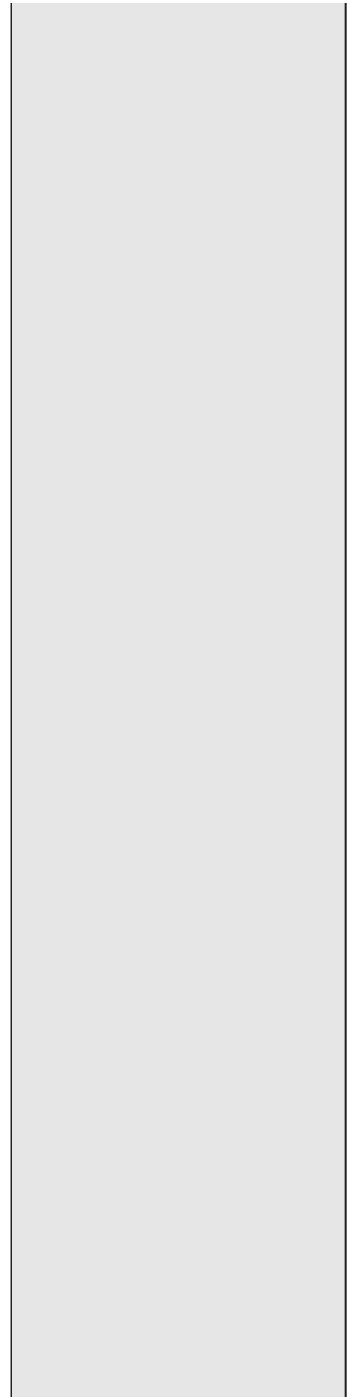


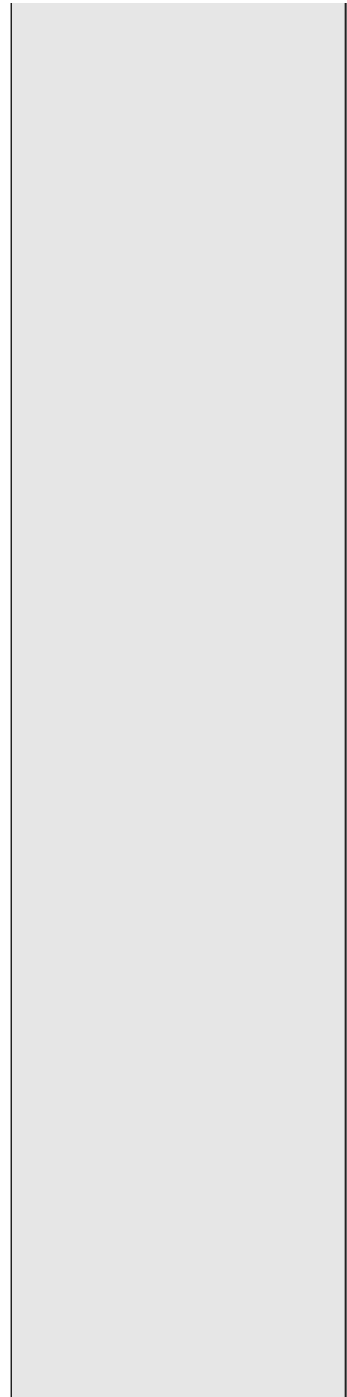


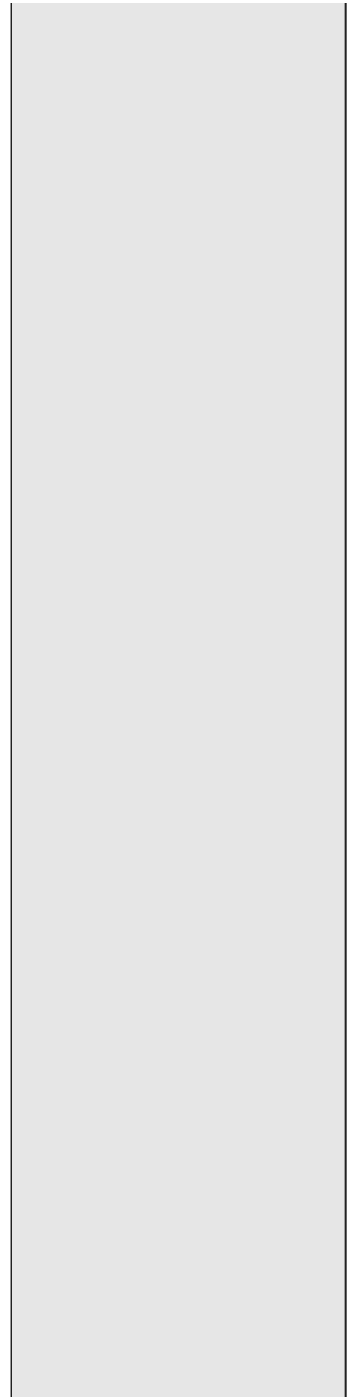


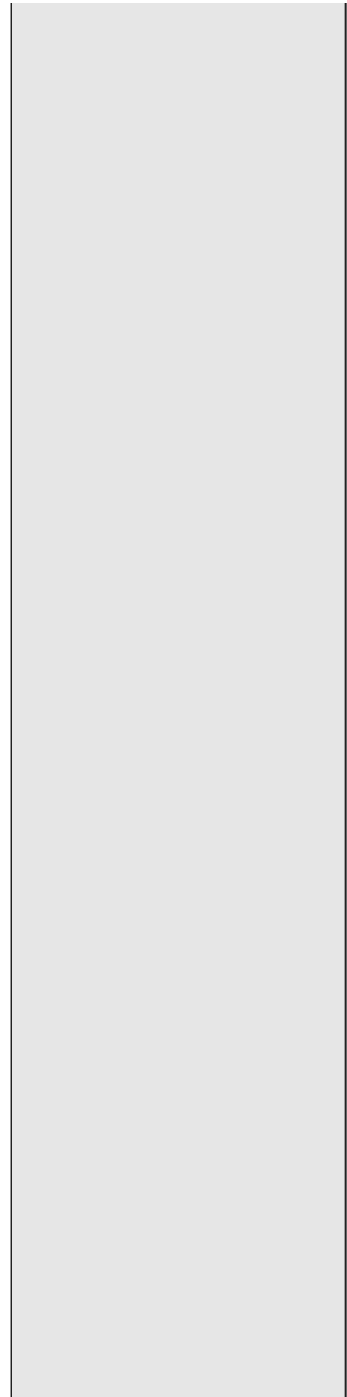


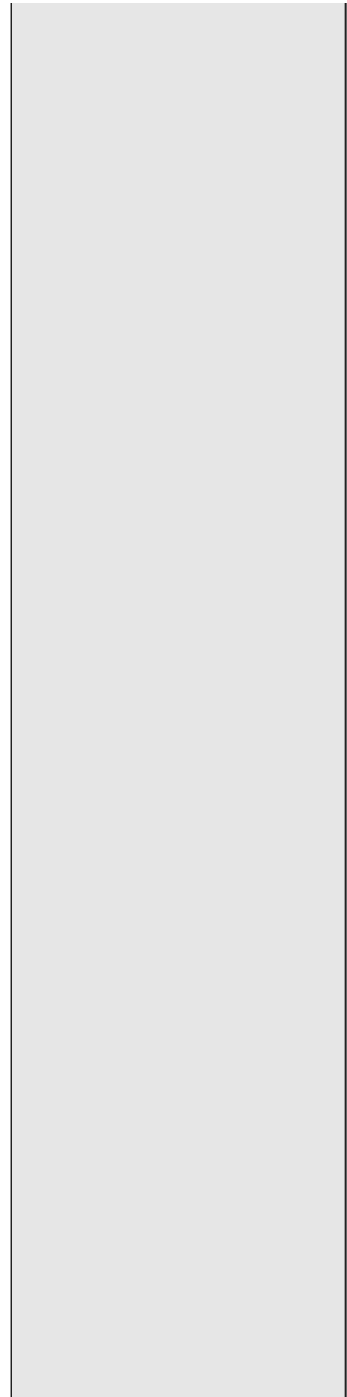


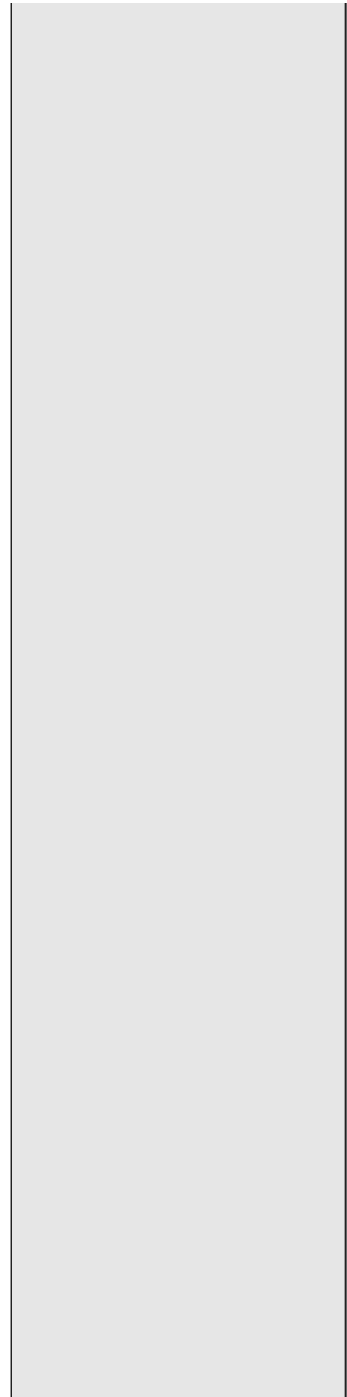


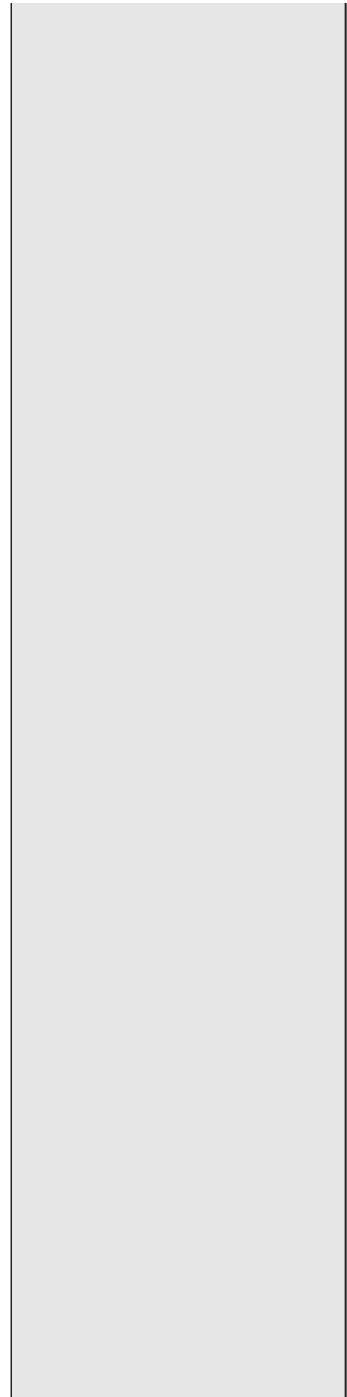


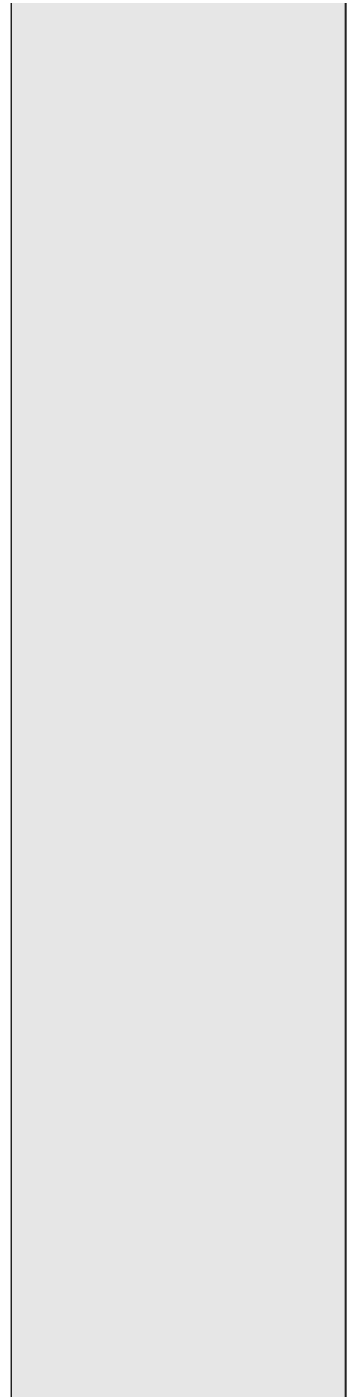


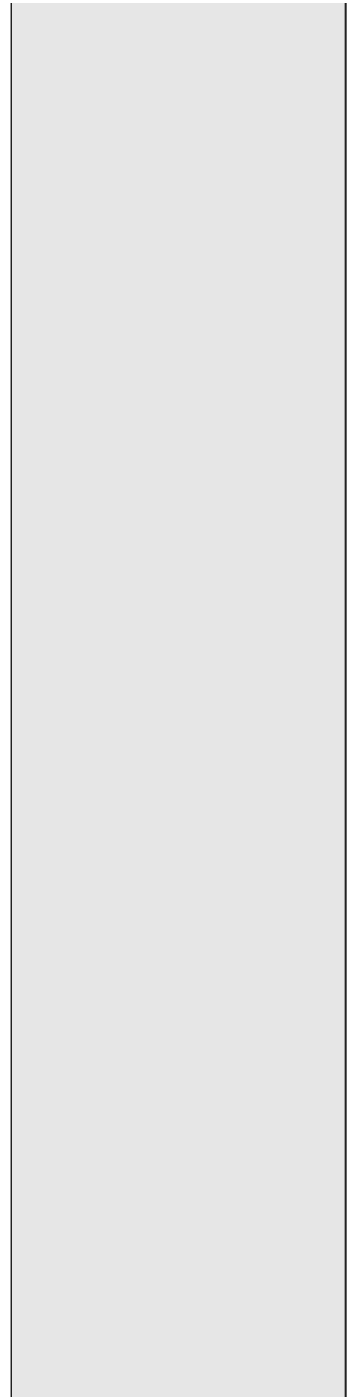


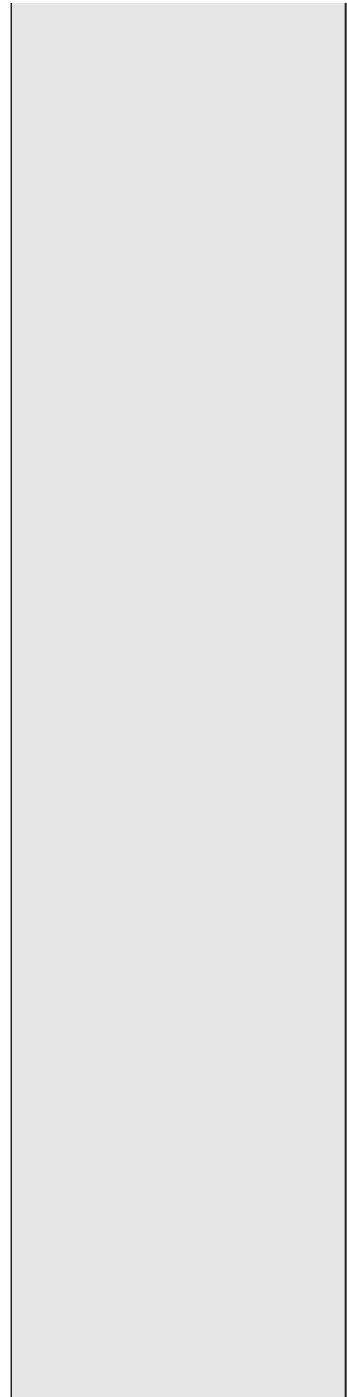












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Programme Learning Outcomes

On successful completion of this programme the learner will be able to :

Description
Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialisation to deal with defined and applied engineering procedures, processes, systems or methodologies.
Identify, formulate, research literature and solve broadly-defined engineering problems reaching substantiated conclusions using analytical tools appropriate to their discipline or area of specialisation.
Analyze the societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to engineering technology practice.
Apply solutions to broadly-defined problems; locate, search and select relevant data from codes, databases and literature, conduct experiments to provide valid conclusions with appropriate consideration for health, safety, legal, ethical and cultural issues.
Select and apply appropriate techniques, resources, and modern engineering tools, including prediction and modeling tools, to broadly-defined engineering activities, with an understanding of their limitations.
Practice as a professional using 21st century skills
Solve practical problems in specific engineering systems using electro-mechanical components and sound analytical, industrial, laboratory, and time-management skills.
Operate engineering instruments and machines and interpret their results and readings(B2, B3)
Work with computers and determine their place and importance in an engineering environment

Semester Schedules

Year 1 / Semester 1

Core	
Course Code	Title
EN6000	Electrical Fundamentals
EN6990	Engineering Practice
EL6001	English for EDICT 3
EN6907	Mathematics for Engineers 1

Year 1 / Semester 2

Core	
Course Code	Title
EN6010	Engineering Computing Fundamentals
EL6002	English for EDICT 4
EN6914	Mathematics for Engineers 2
EN6903	Mechanical Fundamentals

Year 2 / Semester 1

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Core	
Course Code	Title
EN6080	Alternating Current (AC) Circuit theory
EN6904	Engineering Graphics
EN7917	Fluid Mechanics
NR	National Requirements
NR-Arabic	National Requirements- Arabic

Year 2 / Semester 2

Core	
Course Code	Title
ED7000	Applied Project
EN6020	Digital Devices and Systems
EN0003	Industry Placement (Diploma)
EN7230	Instrumentation and Automatic Control
EN7919	Thermodynamics