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Box B.1: Voice-over-IP (VOIP) -- Box B.2: Case Study: Bugbear.B -- Box B.3: Identity Theft: Abraham Abdallah -- Box C.1: Evolution of Technology and International Standards -- Box D.1: BITS Master Security Criteria -- Box D.2: The Future of Access Controls -- Box D.3: Next Generation Instruction Detection System -- Box D.4: SQL Vulnerability -- LIST OF FIGURES: -- Figure 1.1: E-Finance Penetration: 2000 and Projected Rates for 2005 and 2010 -- Figure 1.2: Number of Incidents Reported by CERT, Worldwide -- Figure 6.1: Five Layers of Data Flow -- Figure B.1: Computer Incidents 1990-2002. Figure C.1: E-Security Industry and E-Finance -- Figure E.1: Biometric Iris Scan -- Figure E.2: Biometric Fingerprint Scan -- Figure E.3: Access Control Terminal -- Figure E.4: Biometric Facial Scan -- Figure E.5: Keystroking -- Figure E.6: Global Positioning Biometrics -- Figure E.7: Generation of Digital Signatures -- Figure E.8: Authentication Using Digital Certificates and Certificate Authorities -- Figure F.1: A GSM Hack -- Figure F.2: Diagram of a Virtual Private Network -- LIST OF TABLES: -- Table 1.1: Global Connectivity Trends -- Table B.1: Potential Losses from a Denial of Service Attack -- Table F.1: The Wide Range of Mobile Services.

Sommario/riassunto

Electronic Safety and Soundness and its technical annexes identifies and discusses four key pillars that are necessary to foster a secure electronic environment and the safety and soundness of financial systems worldwide. These pillars are (i) a legal, regulatory, and enforcement framework; (ii) external and internal monitoring of e-security practices; (iii) public-private sector cooperation; and (iv) the business case for practicing layered e-security. This title is intended for policy makers in the area of electronic security and those working with financial services providers.
