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Autore	Watson David (David Lilburn)
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Nota di contenuto	Front Cover; Digital Forensics Processing and Procedures: Meeting the Requirements of ISO 17020, ISO 17025, ISO 27001 and Best Practices ...; Copyright; Contents; About the Authors; Technical Editor Bio; Acknowledgments; Preface; Chapter 1: Introduction; 1.1. Introduction; 1.1.1. What is Digital Forensics?; 1.1.2. The Need for Digital Forensics; 1.1.3. The Purpose of This Book; 1.1.4. Book Structure; 1.1.5. Who Should Read This Book?; 1.1.6. The Need for Procedures in Digital Forensics; 1.1.7. Problems with Electronic Evidence; 1.1.8. The Principles of Electronic Evidence 1.1.9. Nomenclature Used in This Book Appendix 1 - Some types of cases involving Digital Forensics; Criminal cases; Civil cases; Appendix 2 - Growth of hard disk drives for personal computers; Appendix 3 - Disk drive size nomenclature; Chapter 2: Forensic Laboratory Accommodation; 2.1. The building; 2.1.1. General; 2.1.2. Business Case; 2.1.3. Standards; 2.2. Protecting against external and environmental threats; 2.3. Utilities and services; 2.3.1. Signage; 2.3.2. Power and Cabling; 2.3.3. Heating, Ventilation, and Air Conditioning; 2.3.4. Fire Detection and Quenching 2.3.5. Close Circuit Television and Burglar Alarms 2.3.6. Communications; 2.3.7. Water; 2.4. Physical security; 2.4.1. General;

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Introduction Purpose; Definitions; Scope; Audience; Policy statements; Responsibilities; Enforcement, monitoring, and breaches; Ownership; Review and maintenance; Approval; Chapter 3: Setting up the Forensic Laboratory; 3.1. Setting up the Forensic Laboratory; 3.1.1. Forensic Laboratory Terms of Reference; 3.1.2. The Status of the Forensic Laboratory; 3.1.3. The Forensic Laboratory Principles; 3.1.3.1. Responsibilities; 3.1.3.2. Integrity; 3.1.3.3. Quality; 3.1.3.4. Efficiency; 3.1.3.5. Productivity; 3.1.3.6. Meet Organizational Expectations; 3.1.3.7. Health and Safety
3.1.3.8. Information Security 3.1.3.9. Management Information Systems; 3.1.3.10. Qualifications; 3.1.3.11. Training; 3.1.3.12. Maintaining Employee Competency; 3.1.3.13. Employee Development; 3.1.3.14. Environment; 3.1.3.15. Supervision; 3.1.3.16. Conflicts of Interest; 3.1.3.17. Legal Compliance; 3.1.3.18. Accountability; 3.1.3.19. Disclosure and Discovery; 3.1.3.20. Work Quality; 3.1.3.21. Accreditation and Certification; 3.1.3.22. Membership of Appropriate Organizations; 3.1.3.23. Obtain Appropriate Personal Certifications; 3.1.4. Laboratory Service Level Agreements
3.1.5. Impartiality and Independence

Sommario/riassunto

This is the first digital forensics book that covers the complete life cycle of digital evidence and the chain of custody. This comprehensive handbook includes international procedures, best practices, compliance, and a companion web site with downloadable forms. Written by world-renowned digital forensics experts, this book is a must for any digital forensics lab. It provides anyone who handles digital evidence with a guide to proper procedure throughout the chain of custody--from incident response through analysis in the lab. A step-by-step guide to designing, building a
