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Harbor to 9/11 and Katrina; 2.4.2 Pearl Harbor Failures Revisited for 9/11 and Katrina; 2.5 Leadership Failures and the Need for Holistic Interoperability; References; Selected Bibliography; Chapter 3 World Interoperability Failure Model; 3.1 The Cause; 3.2 Responder-Receiver Organizations in the Failure Model; 3.2.1 Public Safety, Emergency Response, and Other Stakeholder Disciplines 3.2.2 IT and Communication Systems 3.3 Governance Layers in the Failure Model; 3.4 Other Deterrents to Interoperability; 3.4.1 Bureaucracies in the Failure Model; 3.4.2 Consultants in the Failure Model; 3.4.3 Vendors in the Failure Model; 3.5 The Interoperability Assessment Checklist; 3.6 Summary; References; Chapter 4 Best Practices for Achieving Interoperability; 4.1 Overview of Best Practices; 4.2 Program and Project Management; 4.2.1 Definitions; 4.2.2 Overview of the Project Management Institute Approach; 4.2.3 Tailoring Guidance 4.2.4 Application of Project Management Best Practices to the Interoperability Failure Model 4.3 Organizational Development; 4.3.1 Overview; 4.3.2 Organizational Structure; 4.3.3 Organizational Change Management and Strategic Communications; 4.4 Strategic Planning; 4.4.1 Overview; 4.4.2 What is Strategic Planning?; 4.4.3 Methodology; 4.5 Enterprise Architecture; 4.5.1 Overview; 4.5.2 Considerations in the Use of Enterprise Architecture; 4.5.3 Approach to Enterprise Architecture; 4.5.4 Determining Purpose and Scope of the Enterprise Architecture; 4.5.5 Architectural Views 4.5.6 Interoperability Enterprise Architecture Views and the World Interoperability Failure Model

Sommario/riassunto

Addressing several misconceptions and misunderstandings about communications interoperability that continue to limit capabilities in the field - the same systemic problems that prevented effective information sharing at Pearl Harbor and revealed themselves again on 9/11 -- this unique book provides a detailed examination of the subject. It focuses on the use of voice, data, and video systems for public safety and emergency response. This practical resource makes in-depth recommendations spanning technical, planning, and procedural approaches to provide efficient public safety response performance. You find coverage the many approaches used to achieve interoperability, including a synopsis of the enabling technologies and systems intended to provide radio interoperability. Featuring specific examples nationwide, the book takes you from strategy to proper implementation, using enterprise architecture, systems engineering, and systems integration planning.
