Record Nr. UNINA9910840994403321 Autore Jackson Scott **Titolo** Architecting resilient systems [[electronic resource]]: accident avoidance and survival and recovery from disruptions // Scott Jackson Hoboken, NJ,: John Wiley & Sons, 2010 Pubbl/distr/stampa **ISBN** 1-282-45502-8 9786612455025 0-470-54401-5 0-470-54399-X Descrizione fisica 1 online resource (323 p.) Collana Wiley series in systems engineering and management 620.001171 Disciplina 620.7 Soggetti Reliability (Engineering) Systems engineering System safety Industrial safety Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. ARCHITECTING RESILIENT SYSTEMS; Contents; Preface; Nota di contenuto Acknowledgments; Notes on Terminology; Chapter 1 On Resilience; Chapter 2 System Resilience and Related Concepts; Chapter 3 Disruptions; Chapter 4 Case Histories; Chapter 5 Culture; Chapter 6 Capabilities; Chapter 7 Infrastructure; Chapter 8 Resilience Architecting: Chapter 9 Governance: Chapter 10 Measuring Resilience: Chapter 11 Cost; Chapter 12 Implementation; Chapter 13 A Summary of Themes; Chapter 14 A Final Word; Appendix A Domain-Specific Example for Architecting a Fire-Protection Infrastructure System Appendix B A Resilience Analysis of Metrolink 111References; Index A complete framework for any organization on achieving resilience in Sommario/riassunto the event of terrorist attacks, natural disasters, or internal failures The study of resilience encompasses the processes, disciplines, and infrastructure that need to be in place to anticipate and prevent major

accidents, survive unprecedented disruptions, and maintain systems

operation. Architecting Resilient Systems presents a framework for implementation that both public and private organizations can use as a guide to establishing procedures for anticipating, surviving, and recovering from disruptions. Relying on