Record Nr. UNINA9910140130003321 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 Electronic books. Lingua di pubblicazione Inglese Materiale a stampa **Formato** Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto ARCHITECTING RESILIENT SYSTEMS; Contents; Preface; 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 Sommario/riassunto A complete framework for any organization on achieving resilience in 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