1. Record Nr. UNINA9911004774803321 Autore Pellicelli Michela Titolo The digital transformation of supply chain management / / Michela Pellicelli Pubbl/distr/stampa Amsterdam, : Elsevier, [2023] **ISBN** 9780323855334 (e-book) 9780323855327 (pbk.) Descrizione fisica 1 online resource (xv, 261 p.) : ill Disciplina 658.70285 Soggetti Business logistics - Technological innovations Business logistics - Data processing Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto PART 1: Drivers and effects of digital transformation on the supply chain -- 1. Toward a new way of thinking -- PART 2: Digital technology solutions for managing the supply chain -- 2. A long road to maximizing efficiency -- 3. Supply chain 4.0. rewriting the rules -- 4. The need for a different approach -- 5. Managing the supply chain: technologies for digitalization solutions -- PART 3: Global supply chain and global strategies -- 6. Waves of disruption have undermined but not defeated globalization -- PART 4: The Effects on the Supply Chains of COVID-19 and the Russia's Invasion of Ukraine -- 7. Never so much attention to the digital transformation of supply chains -- 8. War in Europe: another blow to the global supply chains -- PART 5: How businesses reacted to disruptions of supply chains -- 9. Business models at a crossroads: the post-crisis cleanup -- Index. Sommario/riassunto The Digital Transformation of Supply Chain Management offers a roadmap to all areas of supply chain management, with the idea of ecosystem as a center of gravity. The book describes the impact of Internet-driven global information and communication systems in

enhancing supply chain management processes. It analyzes six

building blocks of supply chain management, including consumer focus and demand, resource and capacity management, procurement and purchasing, inventory management, operation management, and

distribution management. The book concludes by presenting the principal innovative solutions available now, or in the future, for managing and increasing the efficiency of supply chains. As supply chains are evolving toward an ecosystem that incorporates a wide range of digital technologies such as the cloud, big data, the Industrial Internet of Services, 3D printing, augmented and virtual reality, blockchain, artificial intelligence, machine learning, and many more, this book is an ideal resource.