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	Nota di contenuto	 Introduction 2. The ENACT Approach 3. Privacy Issues Control in Continuous Risk Management 4. Model-based Continuous Deployment of SIS 5. A DevOps Toolchain for Managing Actuation Conflicts in Smart IoT Systems 6. Online Reinforcement Learning for Self-Adaptive Smart IoT Systems 7. Security of Smart IoT Systems 8. Validation, Verification and Root-Cause Analysis 9. SIS-based eHealth application: the Tellu use case 10. Intelligent Transport System: the Indra Use Case 11. Smart Building: the Tecnalia KUBIK use case 12. Conclusion.
	Sommario/riassunto	ENACT is a research project funded by the European Commission under its H2020 program. The project consortium consists of twelve industry and research member organisations spread across the whole EU.The overall goal of the ENACT project was to provide a novel set of solutions to enable DevOps in the realm of trustworthy Smart IoT Systems. Smart IoT Systems (SIS) are complex systems involving not only sensors but also actuators with control loops distributed all across the IoT, Edge and Cloud infrastructure. Since smart IoT systems typically operate in a changing and often unpredictable environment, the ability of these systems to continuously evolve and adapt to their new environment is decisive to ensure and increase their trustworthiness, quality and user experience. DevOps has established itself as a software development life-cycle model that encourages developers to continuously bring new features to the system under operation without sacrificing quality.This book reports on the ENACT

work to empower the development and operation as well as the
continuous and agile evolution of SIS, which is necessary to adapt the
system to changes in its environment, such as newly appearing
trustworthiness threats.