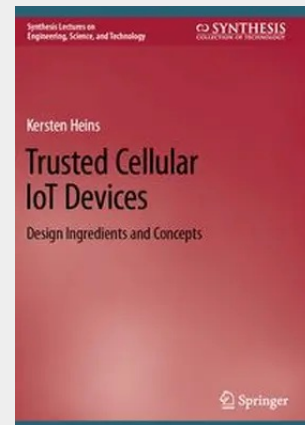


Trusted Cellular IoT Devices

Design Ingredients and Concepts

This book focuses on the impact of secure frontend devices for the Internet of Things (IoT). It explains how to identify vulnerabilities of IoT applications and how to protect them against misuse and attacks. Provided insights will help readers to design a reliable and trustworthy IoT ecosystem ensuring a high level of user confidence and a fruitful deployment. As a starting point, the book provides guidance how to identify risks and potential threats. Then, it explains which countermeasures are available and introduces all major ingredients for an efficient implementation of IoT security measures, e.g. a bullet-proof protection of user privacy and device identities. The author outlines an efficient design approach that combines classical embedded computing with smartcard technology and wireless cellular networking like LTE-M or NB-IoT. The target audience includes industrial professionals and students focusing on low cost design and a fast time-to-market. The book is ideal for engineering-minded IoT project owners to safeguard their business goals.

This book focuses on the impact of secure frontend devices for the Internet of Things (IoT). It explains how to identify vulnerabilities of IoT applications and how to protect them against misuse and attacks. Provided insights will help readers to design a reliable and trustworthy IoT ecosystem ensuring a high level of user confidence and a fruitful deployment. As a starting point, the book provides guidance how to identify risks and potential threats. Then, it explains which countermeasures are available and introduces all major ingredients for an efficient implementation of IoT security measures, e.g. a bullet-proof protection of user privacy and device identities. The author outlines an efficient design approach that combines classical embedded computing with smartcard technology and wireless cellular networking like LTE-M or NB-IoT. The target audience includes industrial professionals and students focusing on low cost design and a fast time-to-market. The book is ideal for engineering-minded IoT project owners to safeguard their business goals.



58,84 €

54,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783031196652

Medium: Buch

ISBN: 978-3-031-19665-2

Verlag: Springer International Publishing

Erscheinungstermin: 03.01.2024

Sprache(n): Englisch

Auflage: 2022

Serie: Synthesis Lectures on Engineering, Science, and Technology

Produktform: Kartoniert

Gewicht: 307 g

Seiten: 157

Format (B x H): 168 x 240 mm

