

Special Issue

Data Protection and Privacy

Message from the Guest Editors

Industry 4.0 includes many technological aspects that have led to an integrated digital manufacturing environment. The thoroughly interconnected ecosystem of Industry 4.0 has to meet many security challenges and threats for each component. Preserving security plays a crucial role in Industry 4.0, and it is vital for its existence; the key issue is how to ensure the confidentiality, integrity, and availability of the information shared among the Industry 4.0 components. With such a wide attack surface, these innovative and emerging infrastructures and applications based on IoT can effectively serve their purpose only if privacy and security challenges are addressed. This Special Issue aims to solicit high-quality research articles addressing key challenges and state-of-the-art solutions for security and privacy issues related to Industry 4.0 technologies and applications.

- cybersecurity and privacy in industrial environments
- security in cyber-physical environments
- cryptography in I4.0
- security and privacy in industrial control systems
- IoT security and privacy
- IoT system and network security
- ...

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Editor-in-Chief

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