

**KM2024 Conference**  
**Pre-Conference Industry Day**  
**SGH Warsaw School of Economics, Warsaw, Poland**  
**Themes: Knowledge Management, Cybersecurity, Learning, and Information Technology**  
<https://iiakm.org/conference/>

**Invited Keynote**  
**Cybersecurity of Consumer Devices**

**Tomasz Chomicki**

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Principal Solutions Architect

**Abstract:**

Mobile systems are inherently vulnerable due to their connectivity, data storage, and application diversity. Samsung Knox, a mobile security platform developed over 13 years, aims to mitigate these risks by providing a multi-layered defense system. This abstract explores common vulnerabilities in mobile systems and delves into the key security mechanisms employed by Samsung Knox, such as hardware-backed security, data encryption, and secure boot processes. The platform's effectiveness is underscored by its adherence to rigorous international security standards and certifications, including Common Criteria. This overview demonstrates Samsung Knox's commitment to providing a robust and secure environment for mobile users.

**About the Speakers:**

Tomasz Chomicki is committed business developer and evangelist of new technologies. He has been professionally involved with Samsung Electronics Poland for ten years. Being responsible for business development, creation of strategic business partnerships, including the creation of innovative projects with public administration, and public policy in the aspect of technical solutions. Member of the largest chambers of the IT and telecommunications and consumer electronics industries: ZIPSEE Cyfrowa Polska, PIIT, KIGEiT and the Sectoral Competence Council for Telecommunications and Cyber Security. He actively cooperates with the academic community of the Warsaw School of Economics and the State University of Information Technology and Entrepreneurship in Łomża (as a representative of the University Council).



With over 20 years of experience in the cybersecurity field, Kamil has established himself as a leading expert in mobile security. Since joining the B2B team at Samsung in 2016, he has served as a Solutions Architect, designing and implementing comprehensive cybersecurity solutions for a wide range of clients. Kamil works closely with government agencies and key Samsung customers to address their unique security challenges. His expertise has earned him invitations to speak at prestigious institutions such as Stanford University and the University of Cape Town.

