

**Title:** 5G security activities and future directions in ITU-T SG17

### **Presentation description**

ITU-T SG17 has been active in standardization for telecommunication and ICT security for many years. In the development of security standards, security shall be considered from the system inception and design, through implementation and deployment.

The 5G network will greatly improve our daily lives. Security and privacy issues will be key elements in the implementation of 5G-based services and applications.

ITU-T SG17 organized an ITU workshop on 5G Security on 19 March 2018 to review its achievement and ongoing standardization work on security aspects of 5G related areas, and to identify ways forward for SG17 in the future.

This presentation will firstly look at the major standardization activities by SG17, including identifying overall threats, requirements, key components for implementing 5G security and privacy. It will also cover the future directions for 5G security.

SG17 will continue to pursue 5G security and privacy activities based on these principles.