

# ISO/IEC JTC 1/SC 27

## Information security, cybersecurity and privacy protection

### Chair's remarks on the WG 5 social event

Dr. Andreas Wolf  
Luxembourg, September 2022

# Thanks to ILNAS

- SC 27 is very grateful to ILNAS, the Luxembourg NB, for hosting SC 27/WG 5.
- They accepted the challenge to run this hybrid pilot, this included many risks.
- The experiences we make during this WG 5 meeting will serve as best practice for future meeting, not only for SC 27.
- The SC 27 community urgently needed the chance to meet again after more than two years without personal meetings, all experts highly appreciate the chance to be here.
- In particular SC 27 thanks the entire ILNAS team for the perfect organization of the meeting and the excellent support provided to all experts before and during the meeting.

# Structure of ISO/IEC JTC 1/SC 27

## SC 27 Plenary

### Chairmanship

Chair: Andreas WOLF (DIN)  
Support: Laura LINDSAY (ANSI)

### Secretariat

Committee Manager: Sobhi MAHMOUD (DIN)

### CAG

Convenor: Andreas WOLF (DIN)  
Support: Laura LINDSAY (ANSI)

### JAG IEC/TC 65 - JTC 1/SC 27

Convenor: Ingo WEBER (IEC/TC 65)  
Co-Convenor: Andreas WOLF (SC 27)

### WG 1 Information Security Management Systems

Convenor: Edward HUMPHREYS (BSI)  
Support: Pablo CORONA (DGN)

### WG 2 Cryptography and Security Mechanisms

Convenor: Takeshi CHIKAZAWA (JISC)  
Support: Hirotaka YOSHIDA (JISC)

### WG 3 Security Evaluation, Testing and Specification

Convenor: Miguel BAÑÓN (UNE)  
Support: Naruki KAI (JISC)

### WG 4 Security Controls and Services

Convenor: Johann AMSENGA (ILNAS)  
Support: François LOREK (AFNOR)

### WG 5 Identity Management and Privacy Technologies

Convenor: Kai RANNENBERG (DIN)  
Support: Jan SCHALLABÖCK (DIN)

### JWG 4 Security, privacy and identity for Blockchain and DTL

Convenor: Julien BRINGER (AFNOR) (TC 307)  
Co-Convenor: Sal FRANCOMACARO (SC 27)

### JWG 6 Cybersecurity requirements and evaluation activities for connected vehicle devices

Convenor: Di TANG (SC 27)  
Co-Convenor: Gido SCHARFENBERGER-FABIAN (ISO/TC 22/SC 32)

### AG 2 Trustworthiness

Convenor: Johann AMSENGA (ILNAS)  
Support: Faud KHAN (SCC)

### AG 3 Concepts and Terminology

Convenor: Elzbieta ANDRUKIEWICZ (PKN)  
Support: Joanne KNIGHT (NZSO)

### AG 5 Strategy

Convenor: Jean-Pierre QUEMARD (AFNOR)  
Support: tbd.

### AG 6 Operations

Convenor: Qin QIU (SAC)  
Support: tbd.

### AG 7 Communications and Outreach

Convenor: Edward HUMPHREYS (BSI)  
Support: Taewan PARK (KATS)

# SC 27 key facts

- 215 published standards until December 2021, 75 under development
- Membership: 1990: 18 P-members, 2021: 49/32 P-/O-members  
10 Africa, 14 America, 23 Asia Pacific, 24 Europe
- United Nations Sustainable Development Goals supported:
  - SDG 3 Good health and well-being
  - SDG 8 Decent work and economic growth
  - SDG 9 Industry, innovation and infrastructure
  - SDG 10 Reduced inequalities
  - SDG 11 Sustainable cities and communities
  - SDG 12 Responsible consumption and production
  - SDG 16 Peace, justice and strong institutions

# SC 27 key facts continued

- Experts working in SC 27 (December 2021):  
1905 experts listed in ISO Global Directory including WGs  
23% female, 77% male  
3% Africa, 21% America, 36% Asia Pacific 40% Europe
- Officers working in SC 27:  
4 female, 19 male  
1 Africa, 4 America, 7 Asia Pacific, 11 Europe
- Editors working in SC 27:  
52 female, 169 male  
5 Africa, 40 America, 92 Asia Pacific, 84 Europe

# Challenges

- The importance and complexity of IT security is growing. IT and OT get closer together, technology borders disappear.
- The pandemic situation continues and will affect the work of the committee throughout 2022. This WG 5 meeting is the first step toward hybrid/f2f meetings. For April 2023 we expect a f2f meeting with virtual component for all WG2 and the Plenary.
- SC 27 and its WGs have to find a new balance between f2f and virtual work. This is a challenge and an opportunity at the same time. There may be different solutions for different WGs.
- The timing of virtual sessions seems to remain a problem due to the time zone distribution of the experts and the possible limited availability of the experts for regular and frequent work outside of specified session weeks.

# Plans

- We increase cooperation with other committees having IT security needs, including ISO, IEC, and ITU.
- We predict technological developments, and prepare future standards accordingly.
- We strengthen the expert base of the committee.

# Future meetings

- Virtual meetings will play a dominant role, in particular for the project work in the WGs.
- We will find a balance between virtual and f2f work, and do all kinds of work in the most appropriate format, using advantages and mitigating disadvantages.
- There will be no way back to the past with its six-month-cycle of activities.
- We develop standards for a digitalized world, we need to work in a digitalized way as well.



Thank you.

