

Vulnerabilities and Global Security of the CNS/ATM systems

27th of March 2019

Brussels - SESAR Headquarters
(Avenue de Cortenbergh 100)

10am – 5pm

10:00 - 11:00 Opening & Welcome / State of the Art in CNS/ATM security research

10:00 - 10:20

Ruben Flohr, SESAR JU: "Cybersecurity: Setting the scene"

10:20 - 10:40

Matt Shreeve, Helios: "State of play of CNS security"

10:40 - 11:00

Q&As session

11:00 - 11:30 Coffee

11:30 - 13:15 Vulnerabilities and mitigation actions of current CNS/ATM technologies

11:30 - 11:50

Tim Stelkens-Kobsch, DLR-GAMMA: "Challenges and approaches to enhance security of CNS/ATM systems – the researcher's view"

11:50 - 12:10

Joe Dauncey, NATS: "Enabling Digital Trust"

12:10 - 13:15

Facilitated debate

13:15 - 14:15 Lunch

14:15 - 16:15 New concepts and technologies for the future CNS/ATM system

14:15 - 14:35

Patrick Mana, Eurocontrol: "Cybersecurity in CNS/ATM – current & future challenges"

14:35 - 14:55

Theodore Kiritsis, IFATSEA: "A cybersecurity architectural approach for legacy- and swim-based cns/atm systems and the atsep working position"

14:55 - 15:15

Antonio Correias, Skymantics: "Risks and opportunities of global IP aviation communications: towards multi-domain security governance"

15:15 - 16:15

Facilitated debate

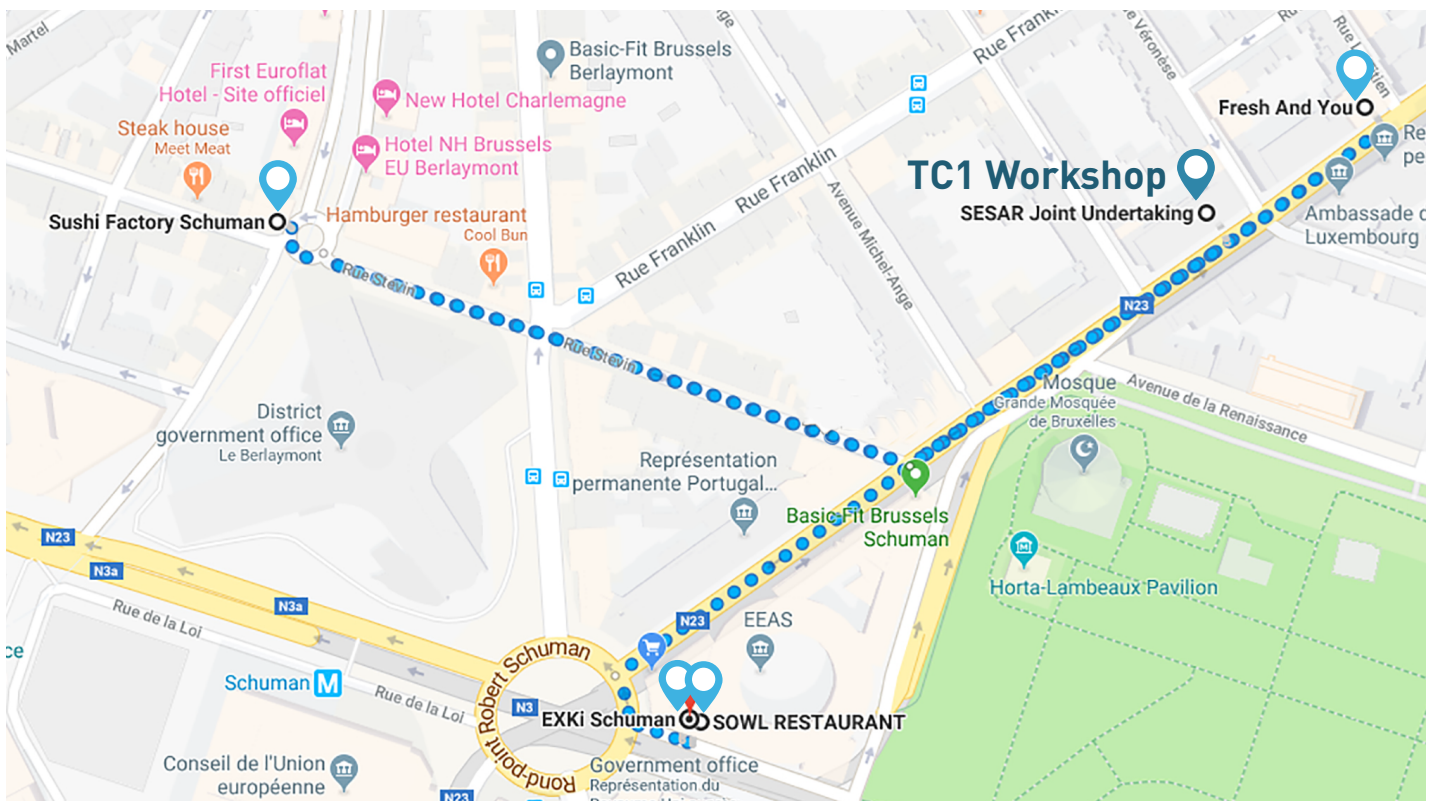
16:15 - 17:00 Conclusions presentation and next steps on Engage KTN

Objectives:

- Vulnerabilities of the current systems and how to mitigate its associated risks.
- New technologies that can be applied in the next generation of systems in order to develop secure-by-design architectures and applications.

The outcomes of these sessions will help us to define which are the research needs to move towards a cyber-resilient, fault tolerant, scalable, efficient and flexible system of systems where data can be securely exchanged among stakeholders while respecting its confidentiality.

Lunch options nearby*



- 📍 Fresh And You
- 📍 Sushi Factory
- 📍 EXKi Schuman
- 📍 SOWL Restaurant

*all within 5 minutes walking from SESAR headquarters