

A defence-in-depth approach to securing the connected car



There is a trend among automobile manufacturers to perform administrative procedures such as diagnostics and firmware updates over a wireless communication channel and also to provide various services which allow hand-held devices to interact with the vehicle. Thus, the notion of the connected car emerges. As external wireless communication is allowed to interact with the vehicle, a number of security risks are introduced. This talk focuses on how to secure the connected car. A defense-in-depth perspective

is employed to secure the connected car using different approaches: prevention, detection, deflection, and forensics. Achieving a proper level of security in the car is a challenge given the environment, the usage scenarios, and the safety concerns. Security solutions should be incorporated using several approaches to secure the connected car and to ensure the safety of its driver and passengers.

Date: Mars 19th, 11.30 – 12.30

Title: A defence-in-depth approach to securing the connected car

Location: Security Lab,
Lindholmspiren 5, Lindholmen
Science Park, Göteborg

Registration: Send an e-mail to anmalan@lindholmen.se not later than 17th of Mars. The seminar is open to all who have an interest in societal security and the use of information technology. The number of participants is limited. We offer a light lunch before the seminar.

Road description: Visit www.lindholmen.se

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Speaker: Dennis Nilsson, Chalmers

Security Arena Lindholmen

Security Arena Lindholmen carries out research, methods and technology development applied to all phases of crisis management. Besides the research the work aims to conceptual development and pilot projects in collaboration between the industry, academia and end-users. This is a joint work between Lindholmen Science Park, the Swedish Emergency Management Agency, Volvo, Saab, Ericsson and Chalmers. One of the goals is to spread knowledge about societal security and we are pleased to invite you to a series of free seminars about the research taking place at Security Arena Lindholmen.

Welcome!

