Introduction - content

• Short introduction to SICS

• The Security Lab at SICS

• Workshops and seminars

• The workshop Programme
Facts SICS Swedish ICT AB

• Established 1985
• Turnover 16 Million Euro
• Staff approx. 130
  – 70 Ph.D.
  – 9 Professors
• Offices: Kista, Linköping, Lund, Uppsala, and Västerås
• Academic Collaboration
  – Universities and technical institutes in Sweden, Europe, Japan, India, China, USA
  – Core partner in EIT

• Owners and Customers
  Ericsson
  TeliaSonera
  SAAB AB
  ABB
  Bombardier Transportation
  Green Cargo

• Other Main Customers
  Trafikverket
  Siemens
  Microsoft
  Nokia
  Swedish high-tech SMEs etc
SICS collaboration forms

- Consultancy projects
  - Predevelopment projects (1-12 months)
  - Delivery projects (1-12 months)
    Funding: company

- Research projects (1-3 years)
  Funding: EU, Vinnova, SSF, …

- Joint lab centres. Portfolio of projects
  Funding: company, EU, Vinnova, SSF, …

- Flexible to where position people, i.e, job rotations
The Security Lab at SICS

• Applied research in IT Security
• Present *both* in Lund and in Kista
• Technology areas:
  – Platform security
  – Security in virtualized software systems
  – Communication security
  – Identity and access management
Workshops and seminars

• Since 2011, we are arranging yearly large seminar in the area of trustworthy IT systems with well recognized international speakers from universities and industry
• Two previous events in Kista, this year in Lund!
• In addition, SICS arranges several larger yearly events such as
  – SICS Open House (spring)
  – SICS software weeks (autumn)
SICS Security Seminar 2013: Future Trustworthy IT Systems, part I

- 09.00 Christian Gehrmann, SICS: Introduction
- 09.10 Prof. Adrian Perrig, ETH, Zürich: The Role of Trustworthy Computing to Build Future Secure Internet Architectures
- 10.10 Nicolae Paladi, SICS: How to Secure Infrastructure Clouds with Trusted Computing Technologies
- 10.40 Break
- 11.00 Prof. Jean-Pierre Seifert, TU-Berlin/Deutsche Telecom Lab: Trustworthy IT Systems – where is the trust boundary
- 12.00 Lunch (included)
SICS Security Seminar 2013: Future Trustworthy IT Systems, part II

- 13.00 Stefan Andersson, Sony Mobile: Mobile Security Evolution, from Fixed Defenses to Defense in Depth
- 13.50 Arash Vahidi, SICS: The SICS Hypervisor for ARM project
- 14.10 Assoc. Prof. Tomas Olovsson, Chalmers: Security Issues with the Internet Connected Car?
- 14.40 Break
- 15.00 Patrik Ekdahl, Ericsson: Creating Security for BYOD – Current Approaches
- 15.30 Janne Uusilehto, Nokia: Mobile security in real life
- 16.30 Christian Gehrmann, SICS: Conference Wrap-up