



Organismo di Certificazione della Sicurezza Informatica

Update on the Italian scheme

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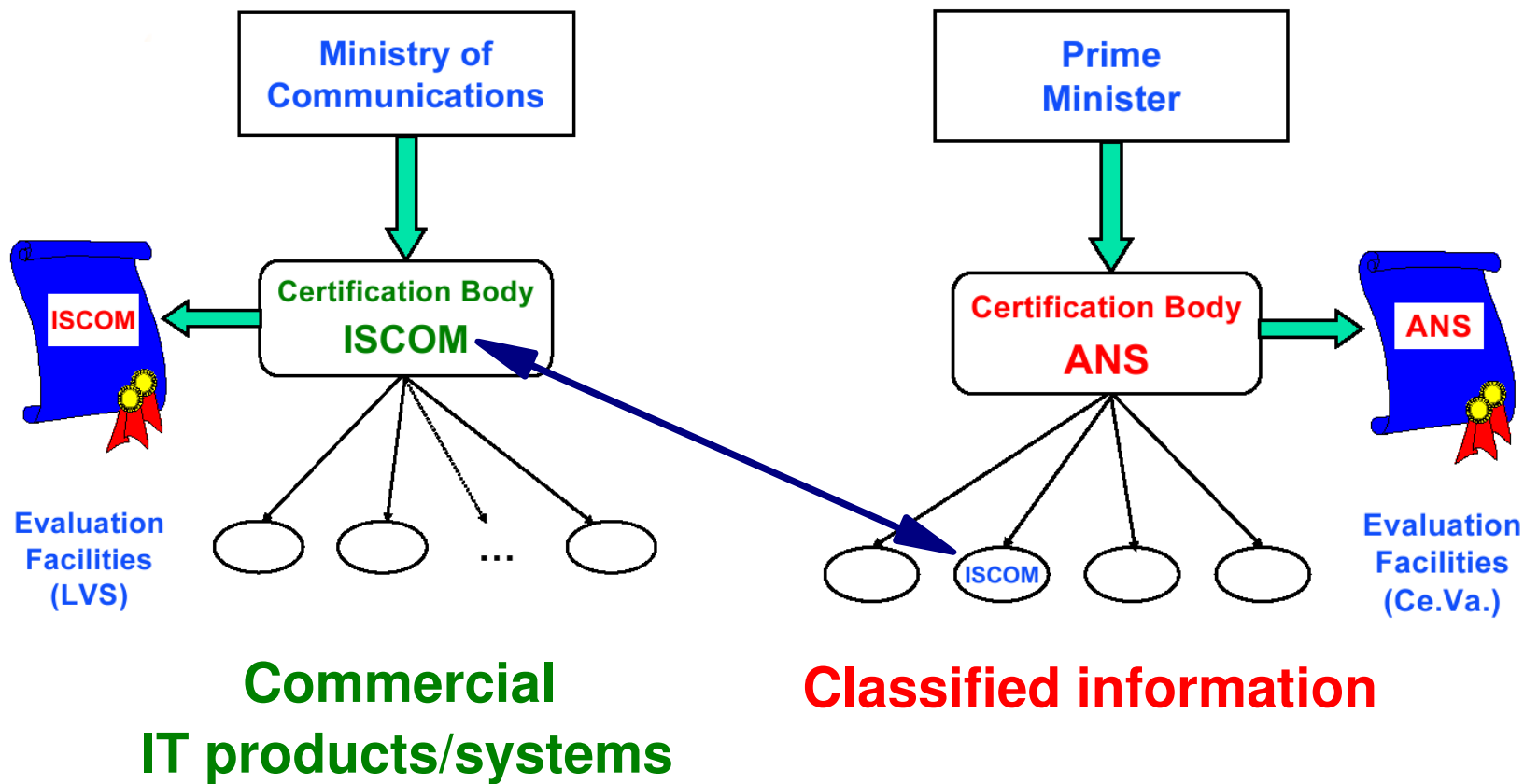
Organismo di Certificazione della Sicurezza
Informatica



- Organismo di Certificazione della Sicurezza Informatica
- Established through decree in 2004
- Currently preparing for shadow certification



The Italian schemes



ISCOM organisation



Ministero delle Comunicazioni

Ministry of Communications



**Certification Body
Commercial
products/systems**

**Evaluation Facilities
Classified
information**



- Definition of national Evaluation and Certification procedures according to the international criteria
- Managing Certifications
- Managing of Evaluation Facilities (LVS):
 - accreditation, suspension and revocation
- Training and qualification of Certifiers, Evaluators and Assistants
- Spreading the Information Technology Security Culture
- Collaboration with Foreign Certification Bodies



- LGP1: Overview of the Scheme
- LGP2: Accreditation of Evaluation Facilities
- LGP3: Evaluation/Certification Procedures
- LGP4: Evaluation Activities
- LGP5: Evaluation Work Plan
- LGP6: Production of PP and ST
- LGP7: Glossary



Evaluation Facilities - LVS

- Accredited by OCSI
 - Possible to choose EAL level
 - Theoretical exam
 - Practical exam
 - Site inspection
- Accreditation valid for 3 years
- Site inspection repeated every year
- Currently 4 accredited facilities

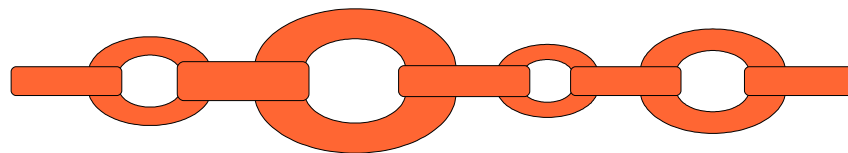


- Accredited by OCSI
- Can provide pre-certification technical support to the developer or sponsor
- Two profiles:
 - focus on documentation
 - focus on operational aspects
- Currently 5 accredited assistants



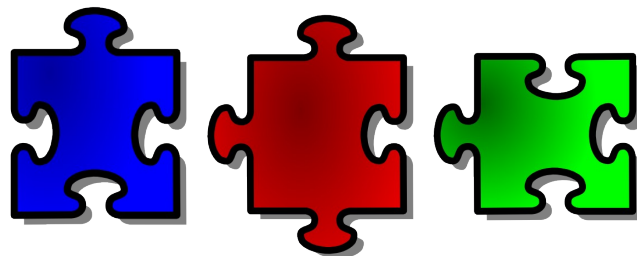
The OCSI view

- Currently, maintenance of certifications is not widespread
 - To patch or not to patch?
- Many evaluations at medium-high levels, but often excluding functionality
- Unrealistic operational environment
- Focus on the developer, not the end user

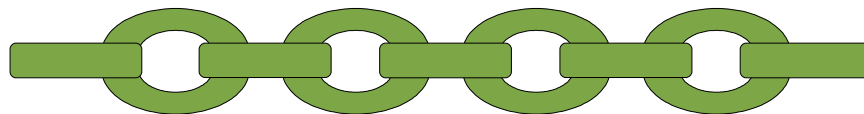


The Italian ICT landscape

- Small number of SW/HW producers
- Large number of system integrators
 - Using COTS products
 - Certification at medium EAL levels too expensive or not feasible



- Focus on low assurance certifications
- Certification of systems
- Assurance maintenance



Why certifications at low assurance levels?

- 1) Certifications require less time and become economically accessible
- 2) Assurance maintenance is more realistic
- 3) Possibility to certify systems
- 4) CC “assistants” with the necessary knowledge can assist the sponsor/developer in evaluation and maintenance preparations
- 5) If system certifications become widespread, the national security would benefit as a whole



Some recent ISCOM/OCSI activities

- IT security educational TV show
 - “Futuro semplice”
- Publication of IT security guidelines:
 - The quality of service in ICT networks
 - Network Security – from risk analysis to protection strategies
 - Network Security – in critical infrastructures



For more information

- ISCOM: <http://www.iscom.gov.it>
- OCSI: <http://www.ocsi.gov.it>

