



# Secure Information Technology Center - Austria ( A-SIT )

Zentrum für sichere Informationstechnologie - Austria





# IT-Security and the Public Administration (PA)

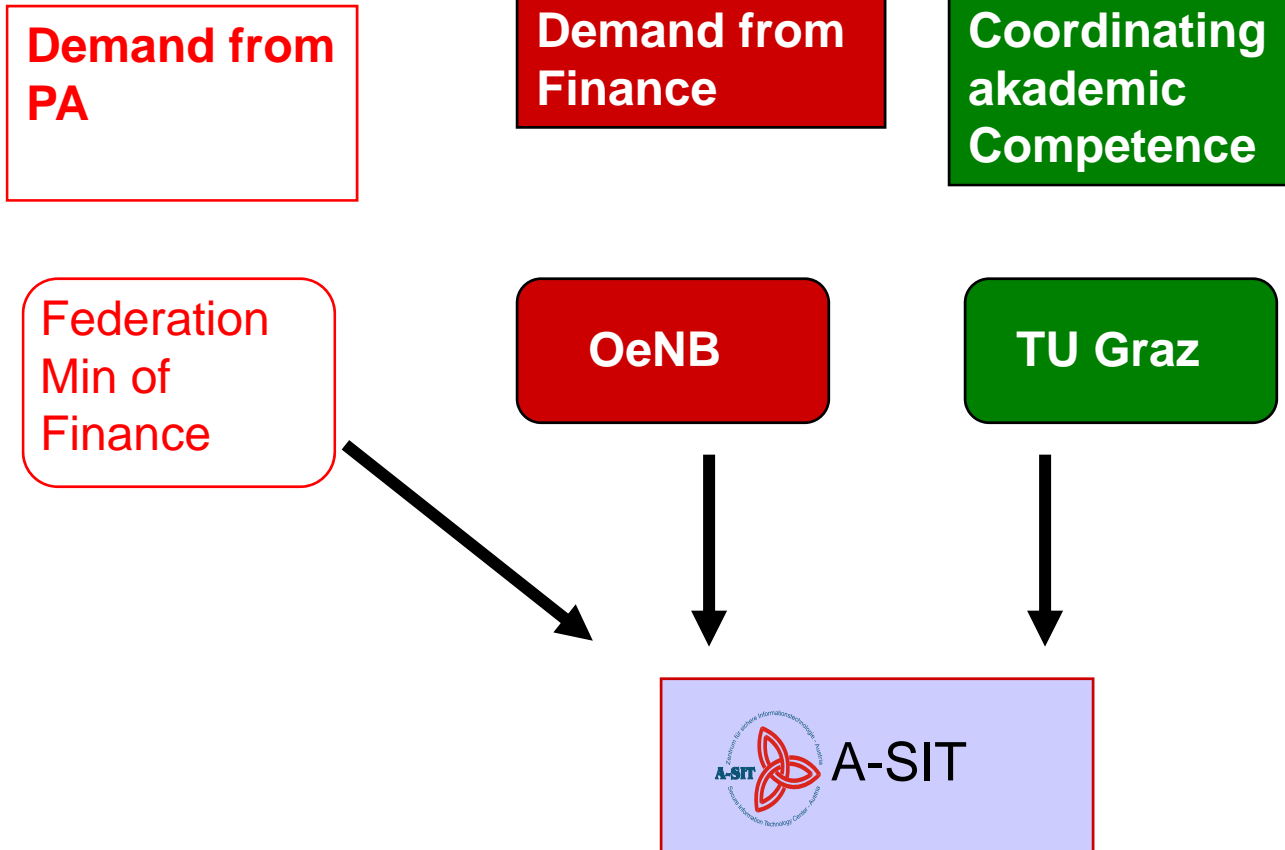
- Legislation (SigLaw, InfoSecL, DSGVO...)  
IT-Security => Legal Frameworks
- PA as Service-Provider (E-Government)  
IT-Security => strategic Element
- PA as IT-User (ELAK=Electronic File)  
Security in PA applications
- Awareness (e-Europe, e-Austria)  
Requiring / addressing IT-Security





# A-SIT Members

About A-SIT





# About A-SIT



**Founded: May 21, 1999**

- Consensus: necessary IT-security central competence center
  - Trigger: Demand from EU Signature directive ( need for a national Confirmation Body )
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**A-SIT = Association (public institutions only) :**  
slimly organized, fast to implement

- Members: Federation, OeNB, TU Graz
- 2 sites (Wien+Graz), today's headcount 11





# About A-SIT...

## Mission:

- Concentrated support of IT-security issues
- for public institutions
- for the economy

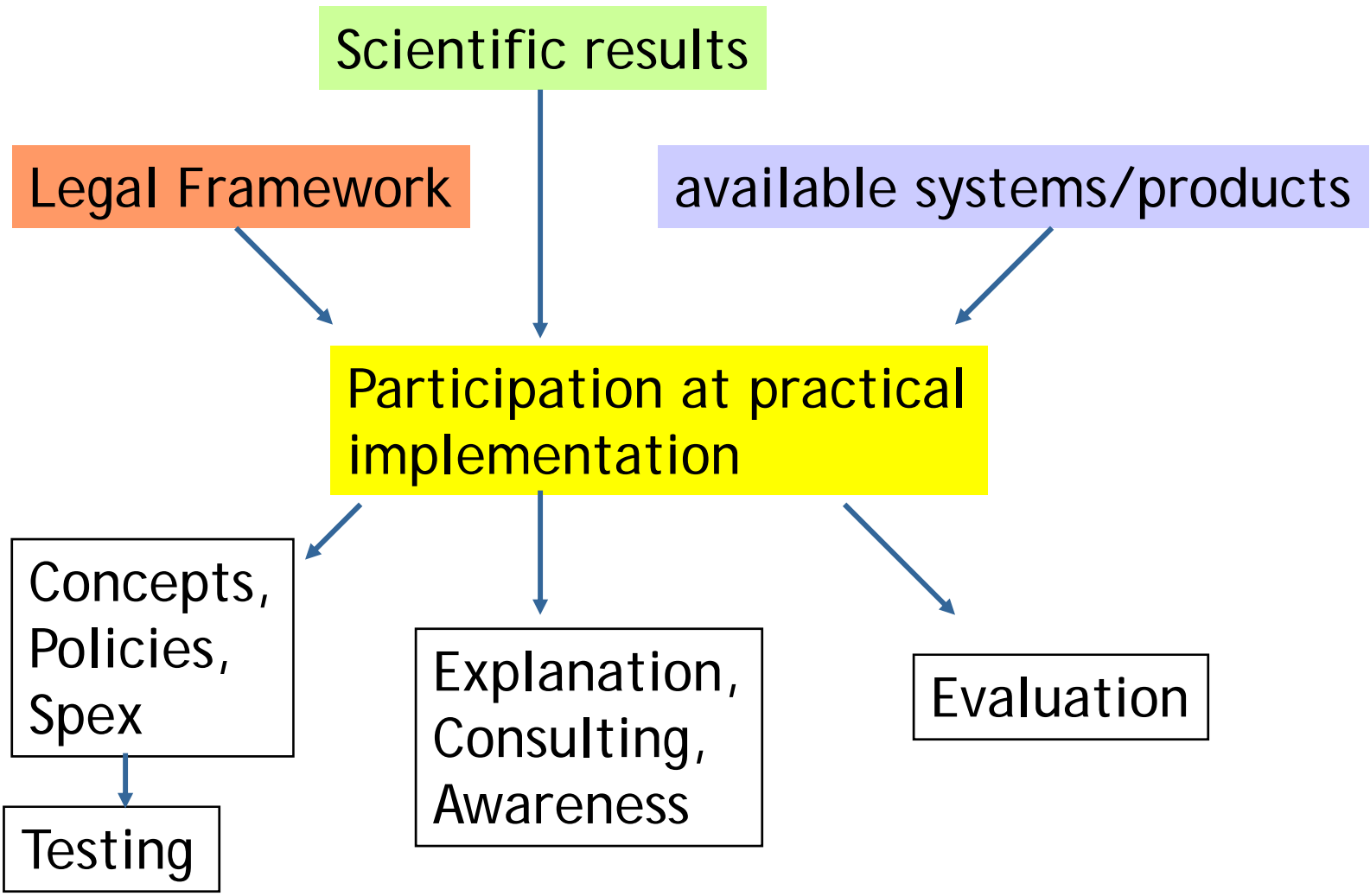
## Position:

- Striktly neutral
- = no orders from the government
- = economically independent





# Mission structure





# Focus



**Sec-Evaluation**

Confirmation Body,  
Inspection Body,  
Expert witness

**Sec-Policies**

Austrian IT-Security Manual,  
Whitebook Citizen Card,  
Policies für Ministries (Fin, Int)

**Sec-Consulting**

E-Government Spex & Prototypes,  
Strategic Consultations

**Technology observation**

EU-funded projects,  
Algorithms,  
Attack scenarios

**Awareness**

Citizen Card Homepage,  
Int'l conferences,  
Position papers





# Organizational Structure



**Board (Praesidium)  
Members**

2 Directors

## Vienna

- Evaluation Focus
- Strategic Consulting
- Awareness
- Administration

## Graz

- Technology Focus
- Strategic Consulting  
(e-gov)
- Policies







# Highlights:

- ✓ Signature: appr 60 Confirmations incl. E-Voting
- ✓ Inspections / witness reports inkl. OeNB: appr 40
- ✓ Int'l Standards: EESSI, ETSI, „Algorithm paper“
- ✓ 6x EU funded int'l Projects
- ✓ Whitebook Citizen Card, Security Layer Spex, IT-Security Manual, Secure EFS
- ✓ appr. 70 strategic consulting projects (PA, Chamber of Commerce)
- ✓ Cooperation Agreements with BSI (D) & ISB (CH)





# Important clients:

Federation (Ministries)

Austrian National Bank (OeNB)

Social Security

Data Protection Authority (DSK)

Telecom Regulation Authority (TKK / RTR)

Council of Europe

Chamber of Commerce

Signature-provider (A-trust, ITS, BDC, Chipcard manufacturer)





# Confirmation Body

- Legal Need ( § 18, 19 Signature Law)
- Signature Creation devices must be confirmed for secure Signatures
- To be further recommended by C.A.'s
- Usually certified devices are evaluated against the Signature Legislation
- Outcome = Confirmation + Report to supervision Authority

**CC-knowhow: consumer but not certificate issuer**





# Inspection Body

- According to EN 45004 / ISO 17020
- Accredited by Ministry of Commerce & Labour
- By order of the Payment System Supervision Authority (OeNB)
- Subjects to inspections: devices, infrastructures, organizations
- Evaluation against ECB / OeNB requirements and „state of the art“ (e.g. IT security manual )
- Outcome = Report to the OeNB



# Strategic Consulting



- Not commercial, no product recommendations
- Focus on high-level concepts, general technology issues
- Position papers, prototype specs
- Example: e-government security layer, ,official signature'
- Evaluation of public tenders





# Technology Observation

- Usage of TU Graz' academic power
- Specialized on signature and processor chip technology
- Research on encryption algorithms and attack scenarios





*Thank you*

*For your attention*