



National IT and Telecom Agency

Ministry of Science
Technology and Innovation

The Danish GovCERT

The National Danish IT and Telecom Agency

May 20th 2010



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IT- SECURITY DIVISION



- **Danish GovCERT**
- **Emergency Preparedness and Crisis management**
- **Competence Center for IT-security**



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Danish GovCERT at a glance:

- Created in May 2009. Located at the regulator.
- Expected to be fully functional in the of 2010. Will enter pilot phase within one month.
- 12 people, all security cleared.
- National point of contact.
- Protecting the Danish critical internet infrastructure.
- In process of having site and network accredited to NATO/EU SECRET



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Other Danish CERTs:

- DK-CERT
- MILCERT





Context

- Constituency is primarily Danish Governmental institutions.
- Also services to Regional & Local Government, certain critical sectors (Finance, ICT and Energy)
- AND citizens and SME (provided by DK-CERT)
- Close working relations with Danish intelligence services.
- No specific legal mandate for GovCERT, but Emergency Preparedness has.
- BUT legalisation in autumn to allow data collection.



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GovCERT deliverables

- Through cooperation with the constituency, GovCERT obtains an overview of the risks the use of the Internet poses to the state of Denmark.
- GovCERT analyzes and consolidates Internet data into a updated, comprehensive picture of the risks in relation to Internet use
- Through communication with the proper authorities, GovCERT ensures that the Danish state has a coordinated response to threats to information security and is able to handle electronic attack on the fly.
- A GovCERT can not prevent attacks



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GovCERT Proactive services

- General risk assessment on internet risks published quarterly, mitigation strategies and tools.
- Pan-government vulnerability handling
- Public sector IDS system



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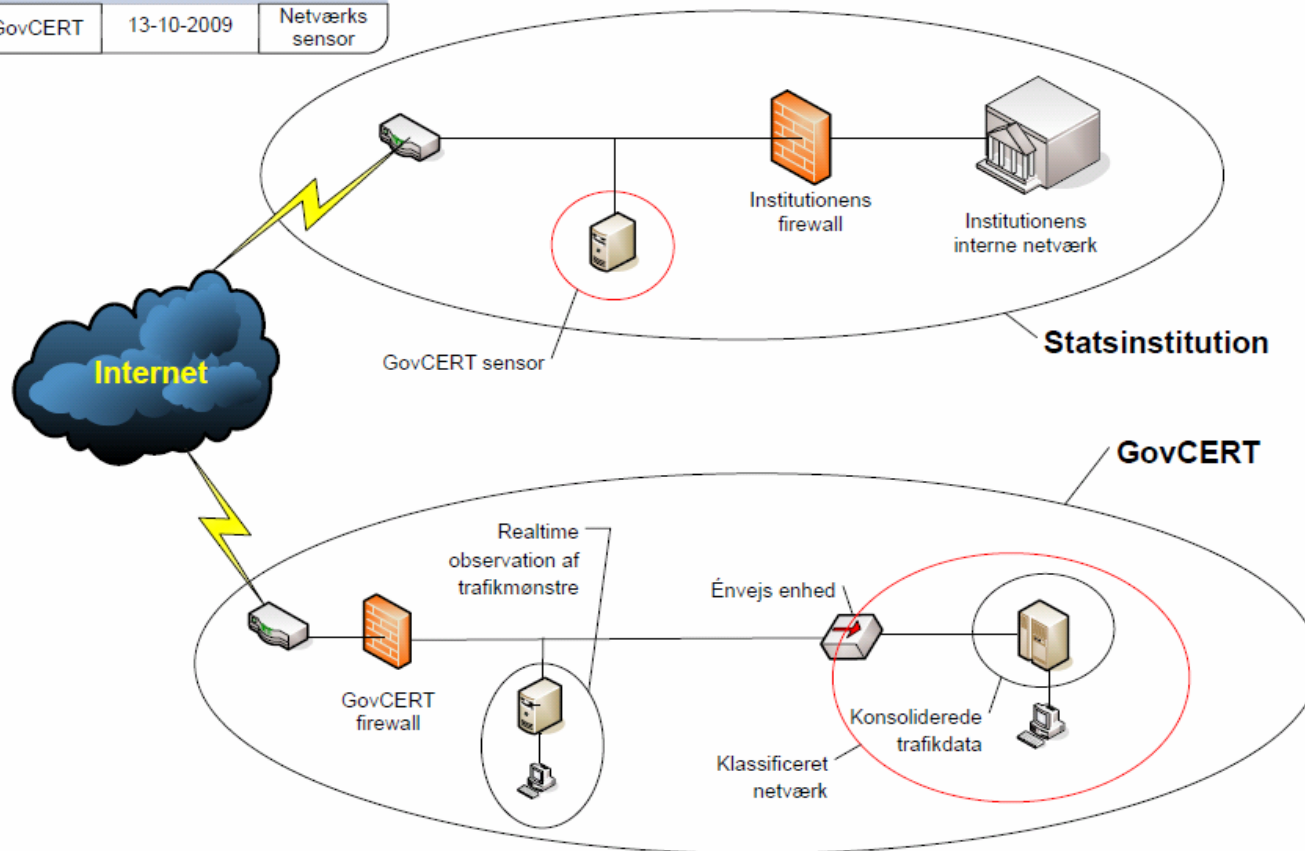
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IT- og Telestyrelsen

GovCERT

13-10-2009

Netværks
sensor





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GovCERT Reactive services

- Incident Handling
- Alerts
- On-site and off-site assistance to Gov't
- Abuse within constituency
- Securing of Evidence in cooperation with Danish NHTCU (NITEC)
- Null routing
- “DDOS Hosting” (make ISP announce alternative routes)
- National Crisis Management
- National Point of Contact



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Danish Crisis Management

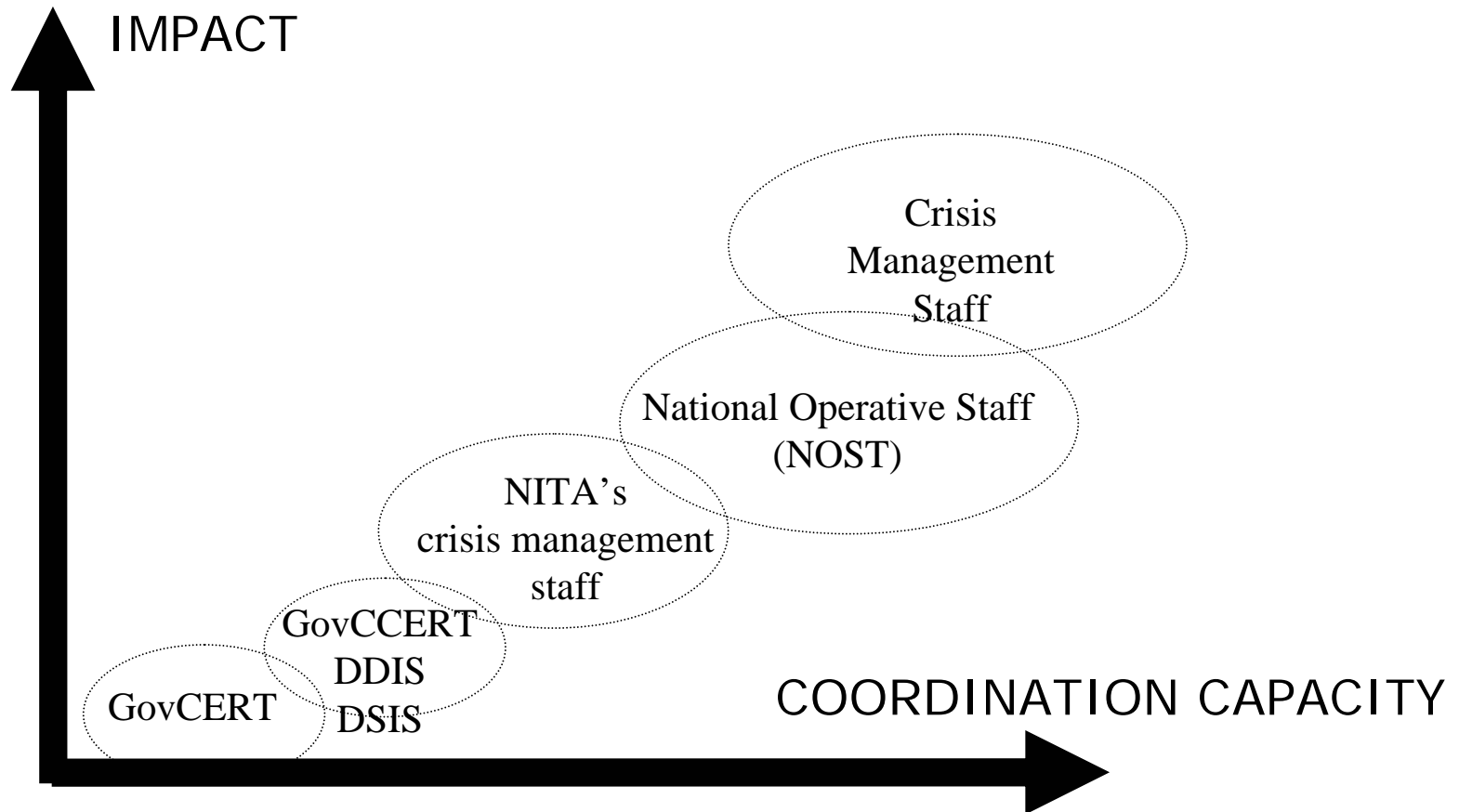
- In Denmark, the GovCERT is embedded in NITA's Crisis Management Staff
- In the event of a substantial internet attack, Ministry of Defence/Danish MILCERT, Danish Security Intelligence Service, Danish GovCERT, will liaise (24x7 POC's established) to determine cause and possible effects



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Danish crisis management process





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Entering international cooperation

- Apply for TI listing after summer, then accreditation
- Apply for FIRST membership in autumn
- Apply for EGC early 2011



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Questions?

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