

CERT-FI

First Five Years – and the Next Ten...

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2006-10-05

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Agenda

- Founding of Finnish National CERT
- CERT-FI Today
 - What've Achieved
 - Why we Need to Readjust
- Next Steps

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Founding of CERT-FI

- Initial discussion in 2000 – 2001
 - Should a Nation Have a CSIRT Body? Why?
 - What Services Should National CSIRT Offer? To Whom?
 - Under What Authority Should National CSIRT be Placed?
- Sponsor Candidates for CERT-FI
 - Academia: Funet CERT was already established in 1995?
 - Intelligence: Finnish Security Police?
 - Defence: Finnish Defence Forces?
 - Ministry of Finance: Government IT Security (VAHTI)?
 - FICORA: TeleCom Regulator

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CSIRT within FICORA

- DoB 2002-01-01
- Focus on Communications Networks and Services
- Regulatory Authority over TelCos
 - Special Legal Mandate
 - Mandatory Incident Reporting
- Some Services Accessible to all Citizens
 - Public Situational Awareness Services
 - Voluntary Incident Reporting

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CERT-FI Today

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What has been Achieved?

- Incident Response Service up 24/7/365
- (Mostly) Positive Domestic Media Coverage
- Good Connections to TelCos and ISPs
- Credible and Easy-to-Approach Image
- Major VulnCoord Successes (mostly thanks to OUSPG!)
- Excellent Operational Relations Internationally

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Major Services Today

NB: Confined to *Technical Information Security*

1. Incident Response and Incident Reporting Point
2. National Information Security Situation
 - Situational Awareness Service
3. Vulnerability Co-ordination

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Why Need for Change?

- CERT-FI Severely Understaffed
- Funding Base Seen Unsustainable
- Growing Demands from non-TelCo sectors
 - Particularly from CIP Sector and Public Administration
 - Situational Awareness Considered Top Priority
- Ever Growing Reliance on ICT
- Information Security Management Getting More Mature?

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The Future

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Major Enablers

- Changes to the Funding Base from 2007-01-01
 - TelCos 100 % → 25 %
 - NESA 0 % → 75 %
 - At the same time the total budget is being doubled
- Projected Staffing
 - 3 Senior Security Specialists
 - 5 Security Analysts
 - 6 Customer Service Advisers
 - 2 Legal Advisers
 - 2 Administrative Persons

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Next Steps 1/2

- Establishing Relations and Building Trust
 - New Customers and People
 - New Technologies and Business Models
 - New Approaches to Threat and Risk Assessment
 - New International Partners
- Expectation Management
 - “We Want Everything at Once!”
 - We can Provide Information to AID in Decision Making. However, You Make the Actual Decisions.

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Next Steps 2/2

- Other Projects
 - Enhancing Situational Awareness Services
 - National HoneyNet
 - Information Correlation and Automated Analysis
 - Automated Abuse Report Dissemination
 - National SMTP Whitelisting
 - New Ways to Facilitate Information Sharing
 - Ticketing System Development
 - Malware Reverse-Engineering and Library
 - ..

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Contact Information

- Telephone: +358 (0)9 6966510 (6-14 UTC)
- Email: CERT@FICORA.fi
- WWW: www.CERT.fi

CERT-FI public alerts are available (in Finnish) via:

- Email alert service
- SMS alert service (pay-per-subscription)
- CERT-FI WWW pages
- RSS newsfeed 
- YLE teletext page 848 

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