

IT-Service Security in NLS



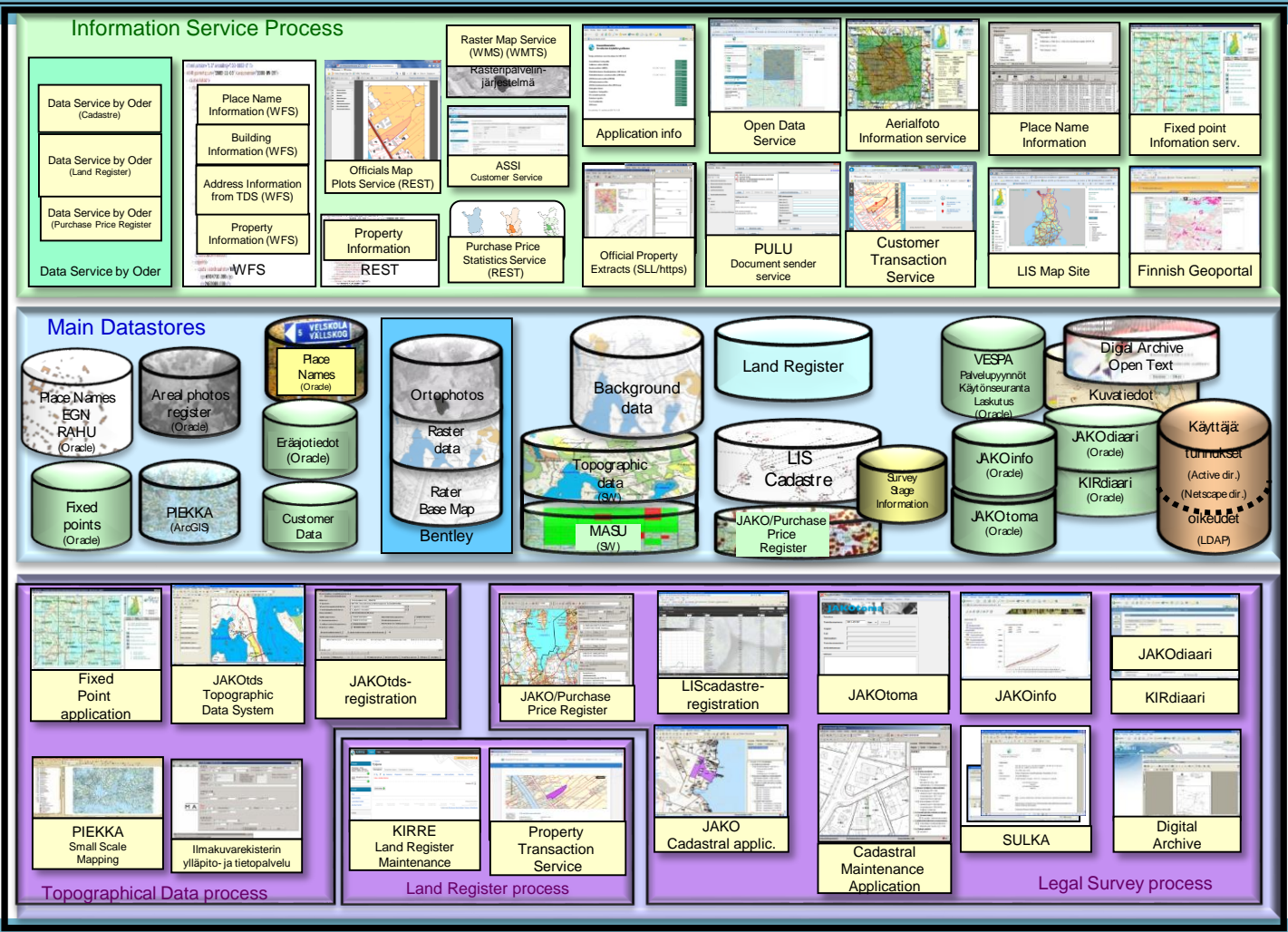
MAP OF THE PRODUCTION APPLICATIONS

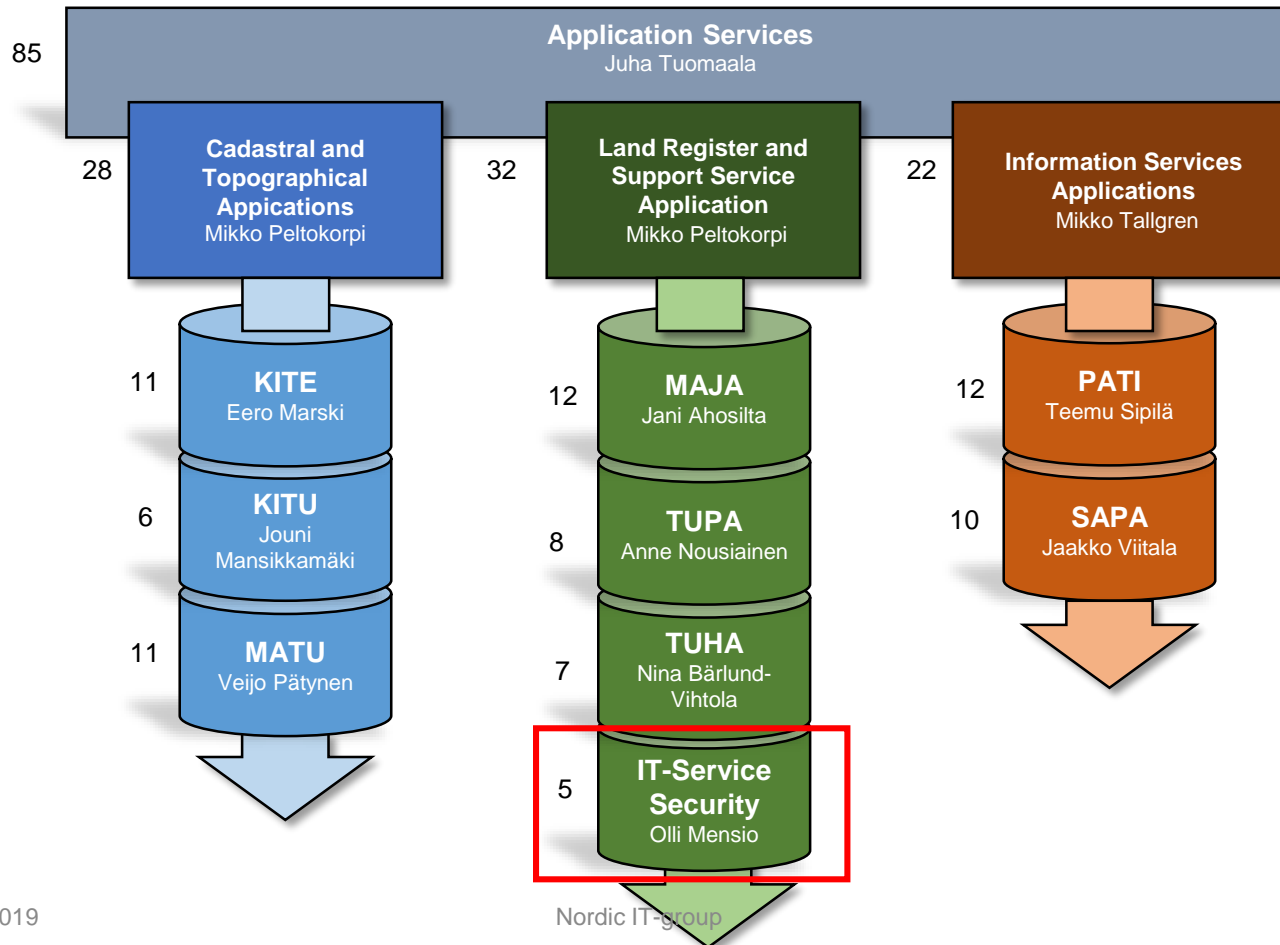
169
classified
IT-services
in use

About 1000
thousand
servers or
virtual
servers

1800 TB
data

Valtori
Coverment ICT-
Center (2015)





IT-SERVICE SECURITY GROUP TASKS

- Support system security implementations in IT-projects
- Support development group through the whole project period
- Organize threat modelling workshops for the projects
- Support implementation of security testing tools at the beginning of the project
- Planning data security
- Testing data security
- Reporting data security
- Take care of data security continuity



DATA SECURITY TOOLS

- Kali Linux
- Burp suite
- Nmap
- Metasploit
- OWASP Dependency Check



DATA SECURITY TESTING

- Examples:
 - Examine public data of the IT-service
 - Examine data security of the platform and background services
 - Scan the data security of the data interfaces
 - Scan XSS- and SQL-injections
 - Scan the security of the code source libraries
 - Examine the application which load appendix files to new IT-service
 - Examine personal data management



SHOWING THE WAY

