



IBM Global Business Services

A Case Study: Finnish Network Enabled Defence, Iterative Development and Innovation using COTS and SOA

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Finnish Network Enabled Defence (FiNED)

networks – information - people

***Linking sensors,
decision makers and
weapon systems***

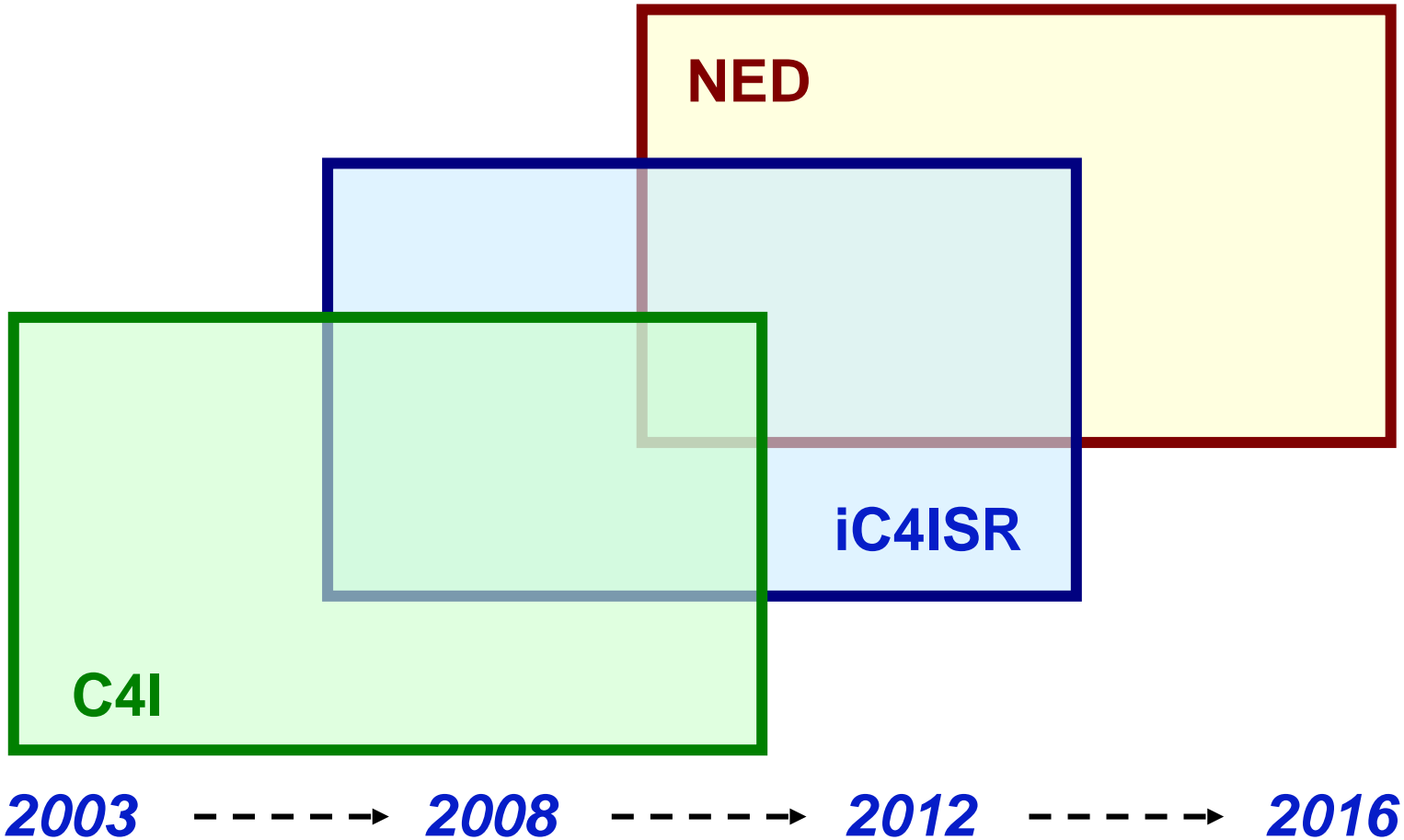


***Enabling multinational
interagency collaboration***



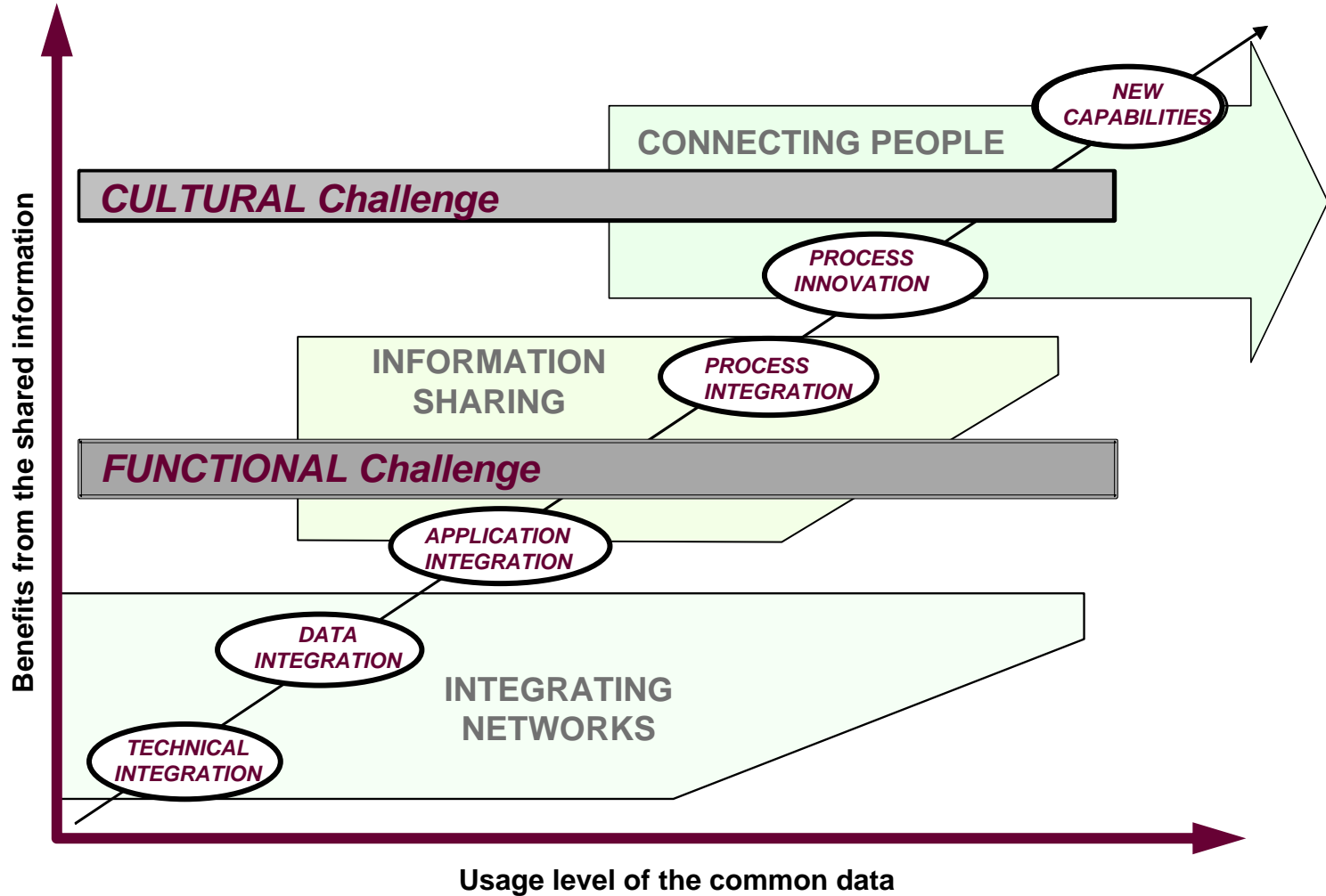
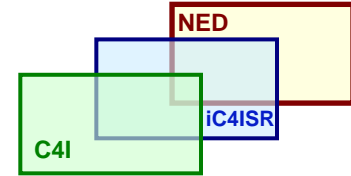
Courtesy of Finnish Defence Forces

Overlapping main goals: C4I rationalisation -> iC4ISR -> NED



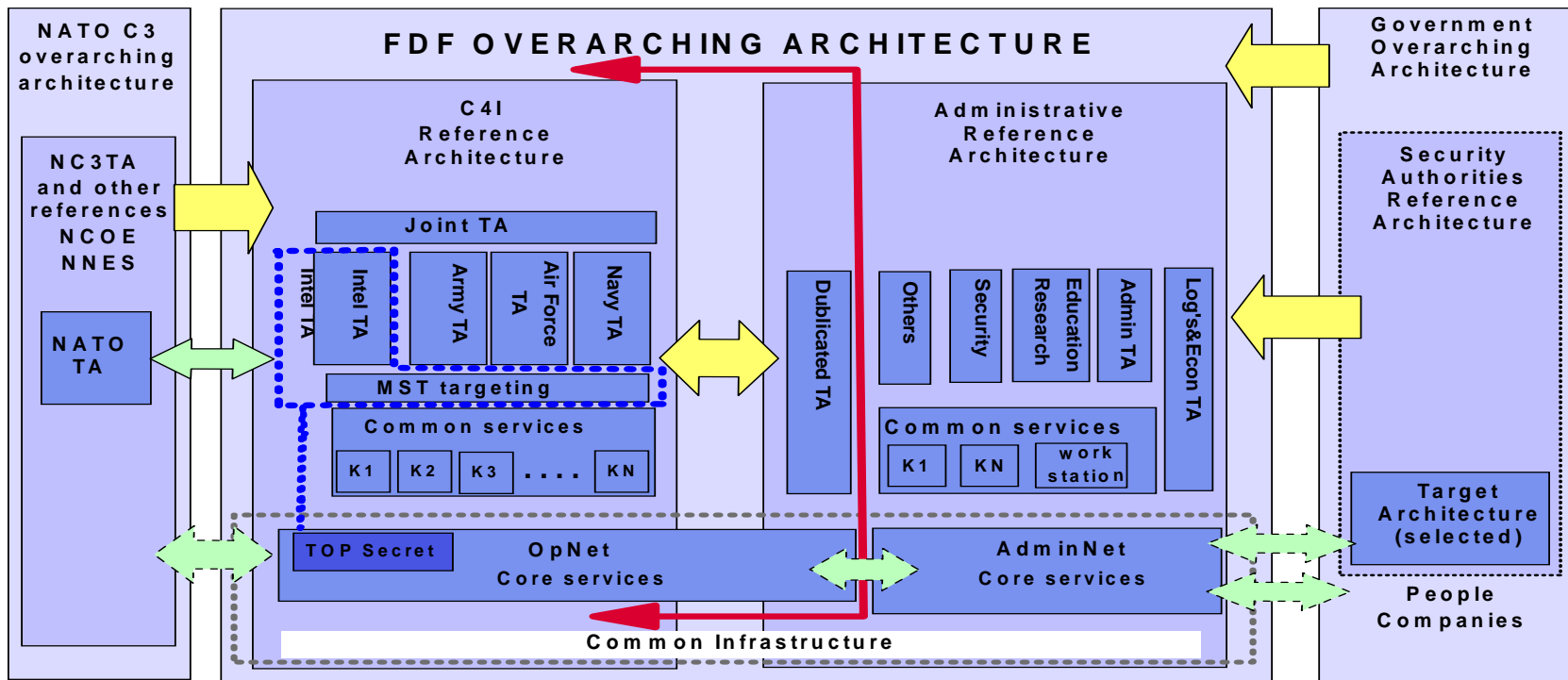
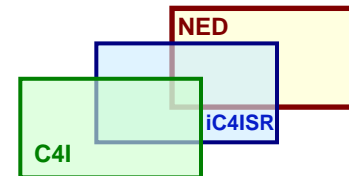
Courtesy of Finnish Defence Forces

FiNED development plan



Courtesy of Finnish Defence Forces

FDF Key Integration Points



International operations

- NAF, NC3TA
- MIP, JC3IEDM
- CE, CWID, MNE

National defence

- Fixed, deployable, mobile
- SOA services
- COTS technologies

Interagency cooperation

- common services
- information sharing
- sourcing

Courtesy of Finnish Defence Forces

The Power of Innovation: NCO Center of Excellence - Helsinki

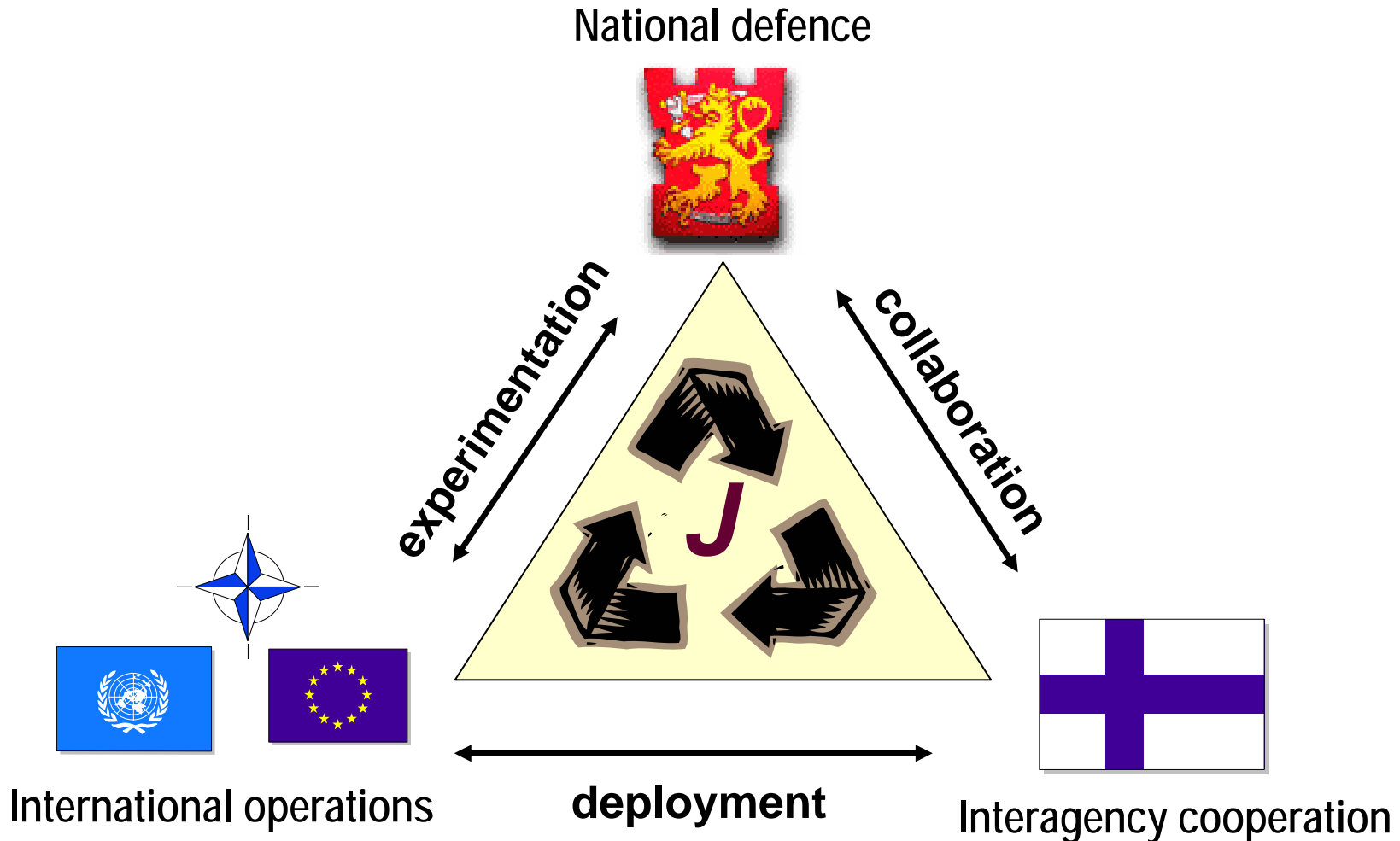
- Who: The Finnish Defense Forces and IBM
- When: Established January 2006
- What: A parallel, forward-looking innovation process outside of the core project.
- Focus: NCO solutions built on service oriented architecture.
 - Utilizing commercial off-the-shelf (COTS) products
 - Based on open standards
- Objective: Develop solutions to support FDF NCO capability development.
 - Leveraging the latest technology innovations
- Objective: Potential to productize NCO solutions created by FDF and IBM for application and usage in other defence organizations
 - Creating innovation exchange with other defence forces



Puolustusvoimat

Försvarsmakten | The Finnish Defence Forces

FiNED - Combining Theory – Experimentation – Implementation



Courtesy of Finnish Defence Forces



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Thank you

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