The crucial importance of data accuracy/quality in the ERP system

World Codification Forum 2017
Lieutenant Colonel Sverre Olstad
Agenda

- Norway – worth defending
- Pace – Precision – Overview
- Importance of data quality
- Lessons learned
Protecting Norway and our allies’ interests

Key figures

<table>
<thead>
<tr>
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<th>Value</th>
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<tr>
<td>Land area</td>
<td>385 170 km²</td>
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<tr>
<td>Boarders</td>
<td>2 515 km</td>
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<tr>
<td>Coastline</td>
<td>25 148 km</td>
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<tr>
<td>Coastline including islands</td>
<td>83 281 km</td>
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<td>Maritime zone</td>
<td>2 039 000 km²</td>
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<tr>
<td>Population</td>
<td>5.2 mill</td>
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Why integrate our management systems?
Joint Integrated Management System (FIF)

2003
• Payroll
• Accounting
• Finance

2008
• Economy
• Supply management
• Procurement

DFPS 2006

2014
• Human Resources Management

2016 →
• Force structure management
• Weapon systems management
• Maintenance
• Supply chain management
• Masterdata governance
• Acquisition
Short film

https://www.youtube.com/watch?v=6gfXSenhwdU&sns=em
Value creation

- Business Rules
- Processes
- Technology
- Organization
- Data
- Competence
Waterfall as a method – ASAP Roadmap

The implementation roadmap has six phases:

1. **Project Preparation**  The project is formally initiated, and planning is well under way.
2. **Business Blueprint**  The project team gathers requirements and conducts the conceptual design of the solution.
3. **Realization**  The solution is built and the integration tested; performance tests are planned.
4. **Final Preparation**  End users are trained; this is the final check before the cutover to the new system solution.
5. **Go Live and Support**  The solution receives confirmation, ongoing support is in place, and the project is closing.
6. **RunSAP**  The operability of the solution is ensured.
Cost of change

Cost of change

Traditional cost profile

Requirements
Analysis and design
Coding
Testing in the large
Production

Time
Data quality and the different perspectives
Introduction to our new Search and Request portal for materiel
The new
Search and Request portal for materiel
Number of ProdNo (NCAGE)/PartNo (part number) combination in different systems
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<th>NCAGE</th>
<th>Part</th>
<th>NSN/INC</th>
<th>Name</th>
<th>SAP-number/Type/User</th>
<th>Statuser</th>
<th>System</th>
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## Information Specification Sheet

### A. Grunnleggende artikkelinformasjon

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<th>Løpenummer / Information Element number</th>
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<th>3</th>
<th>4</th>
<th>5</th>
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<td>Hovedgjenstand (I/N)</td>
<td>Fullt artikkelenavn</td>
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<td>Type primær NCAGE/CAGE</td>
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<td>Primær CAGE/NCAGE Full adresse</td>
<td>Primær CAGE/NCAGE Partnummer</td>
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<td>Ingår i materielsystem (dersom relevant)</td>
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### C. Spesielle vilkår (Dersom relevant)

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</table>
Main lessons learned

**Think big – act big**

- Project Preparation
- Blueprint
- Realization
- Final Preparation
- Run SAP

2003
- Payroll
- Accounting
- Finance

2008
- Economy
- Supply management
- Procurement

DPPS 2009

2016
- Force structure management
- Weapon systems management
- Maintenance
- Supply chain management
- Masterdata governance
- Acquisition

2014
- Human Resources Management

**Think big – act small**

- Agile
- Fail often
- Fail fast
- Fail cheap

Cost of change

- Traditional cost profile
- Agile cost profile