



Norwegian Defence
Logistics Organisation

Semantic Days 2008

Rear Admiral Morten Jacobsen

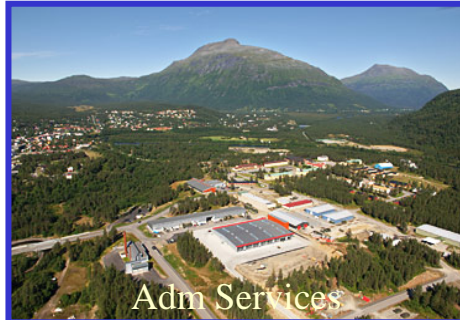
Director

Norwegian Defense
Systems Management Division

22 April 2008



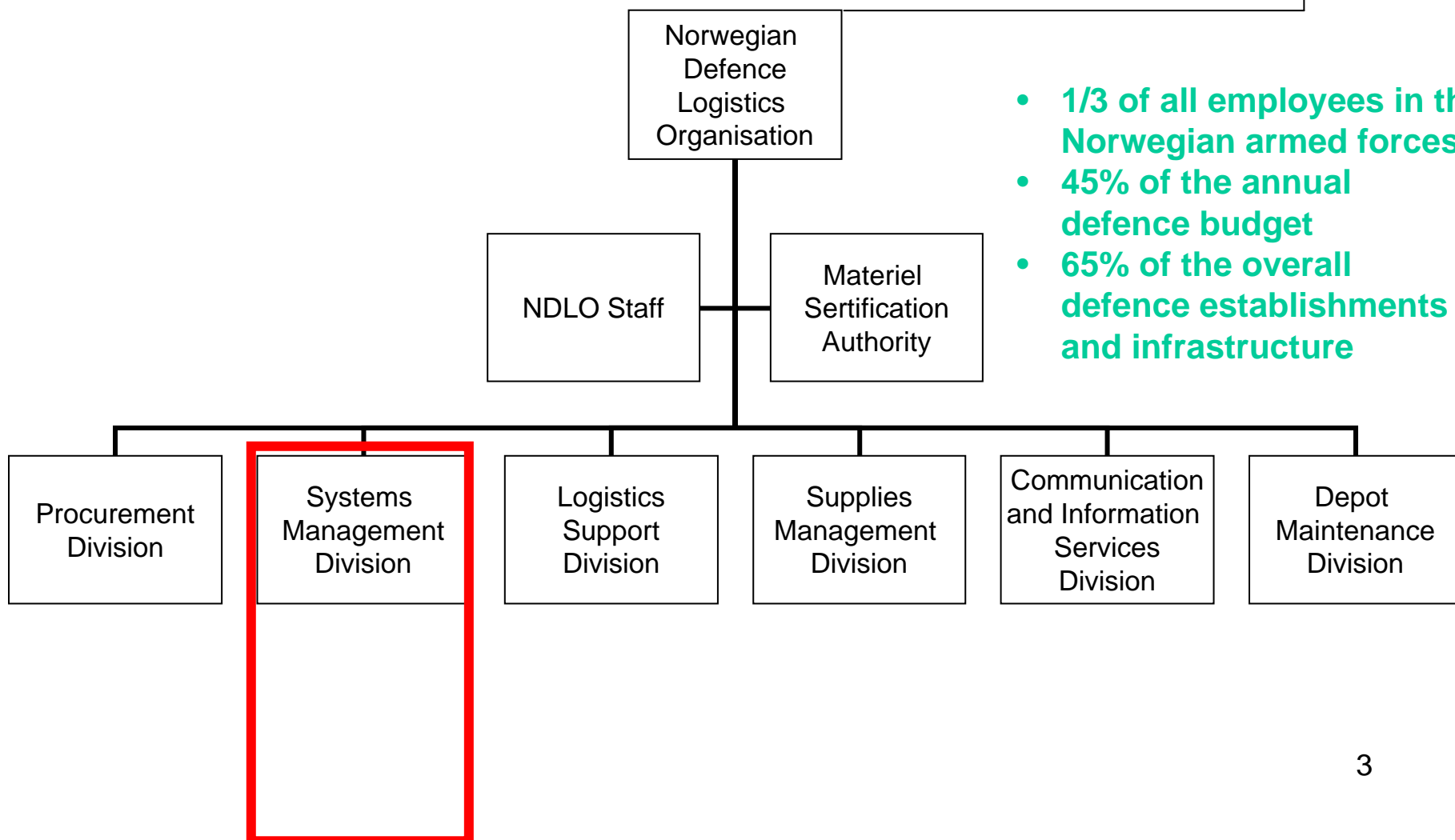
NDSMD's role in the Norwegian armed forces





NDLO

**Chief of
Defense**

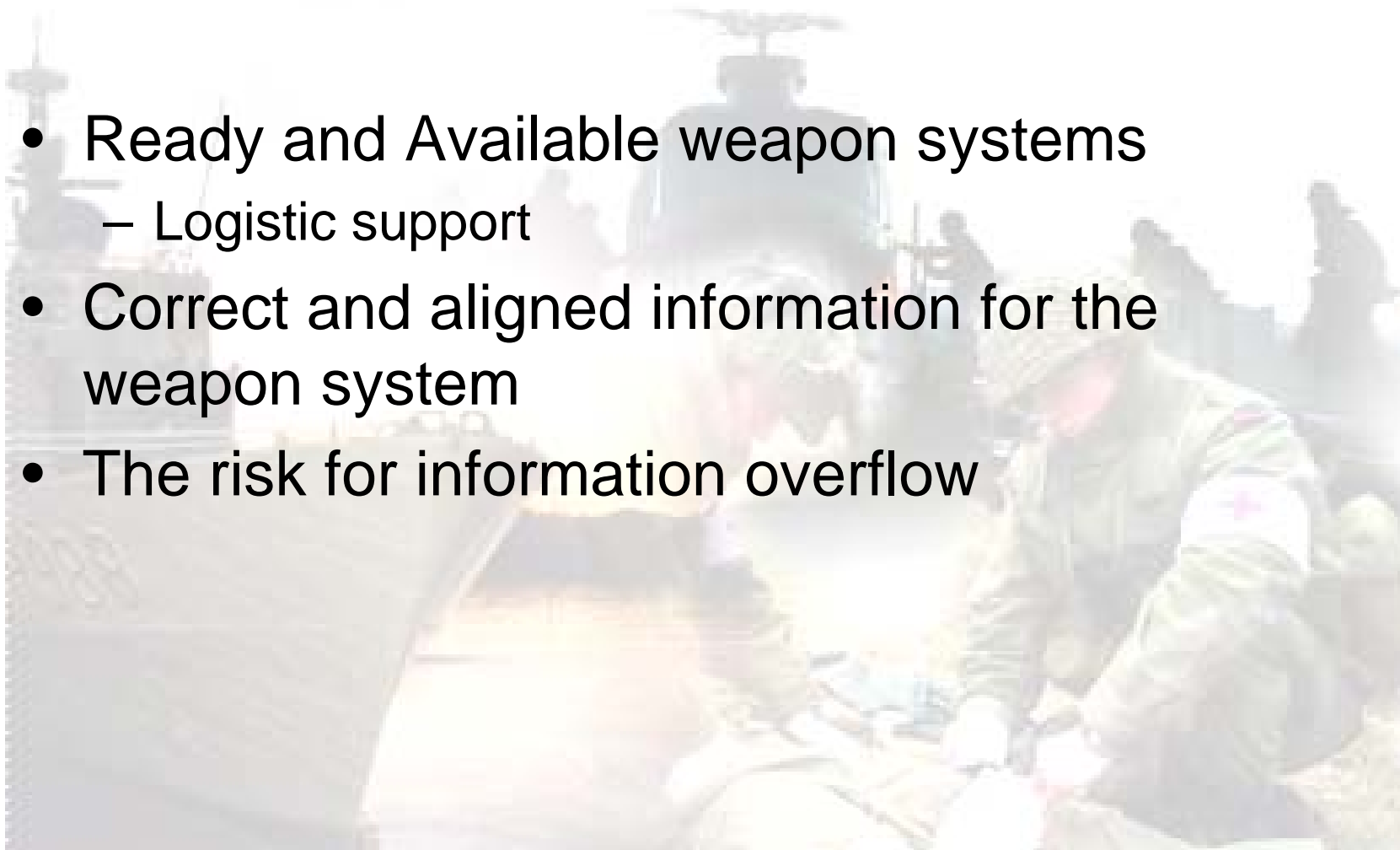


- 1/3 of all employees in the Norwegian armed forces
- 45% of the annual defence budget
- 65% of the overall defence establishments and infrastructure



Why Information management

- Ready and Available weapon systems
 - Logistic support
- Correct and aligned information for the weapon system
- The risk for information overflow





Information - challenges

- Complex systems
- COTS
- Multiple vendors/contractor
- Interoperability



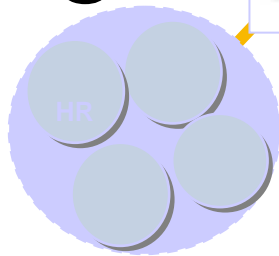


Co-existence

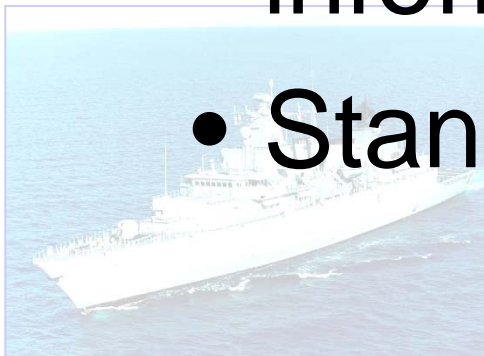
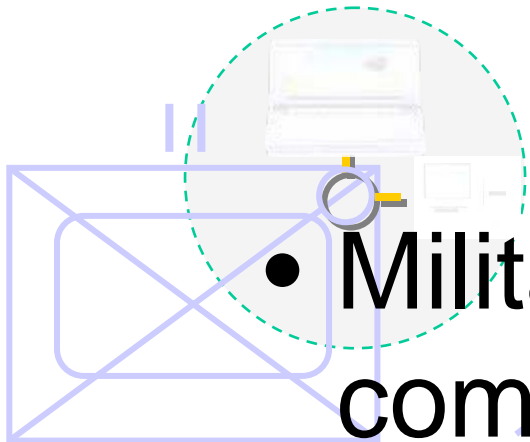
- Procuring the equipment
- Using the equipment
- Military operations
- Information
- The use of open standards
- Uniformity
- Scope of maneuvering



Integration



- Military equipment in joint combined operations
- Shared and available information for all partners
- Standards





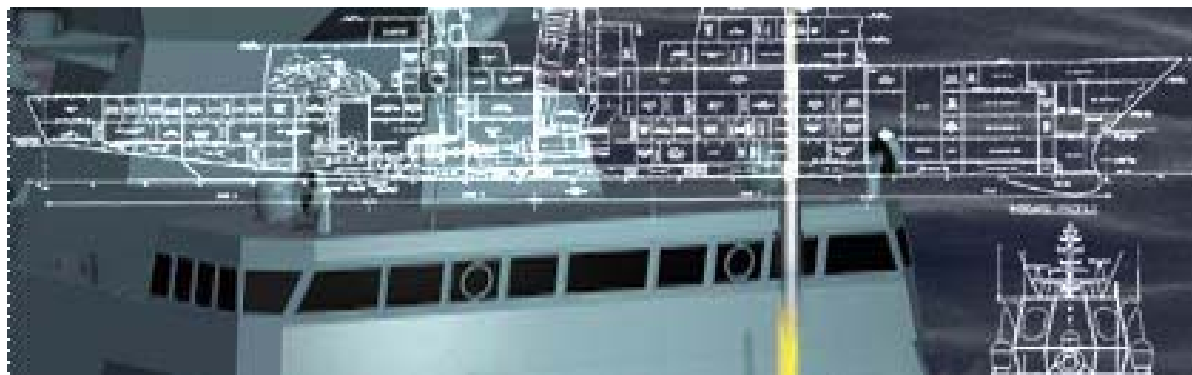
Harmonization

- We need a complete information view covering the entire life of the system



Our policy

- ISO 10303-239 – PLCS
- Scorm
- S1000D



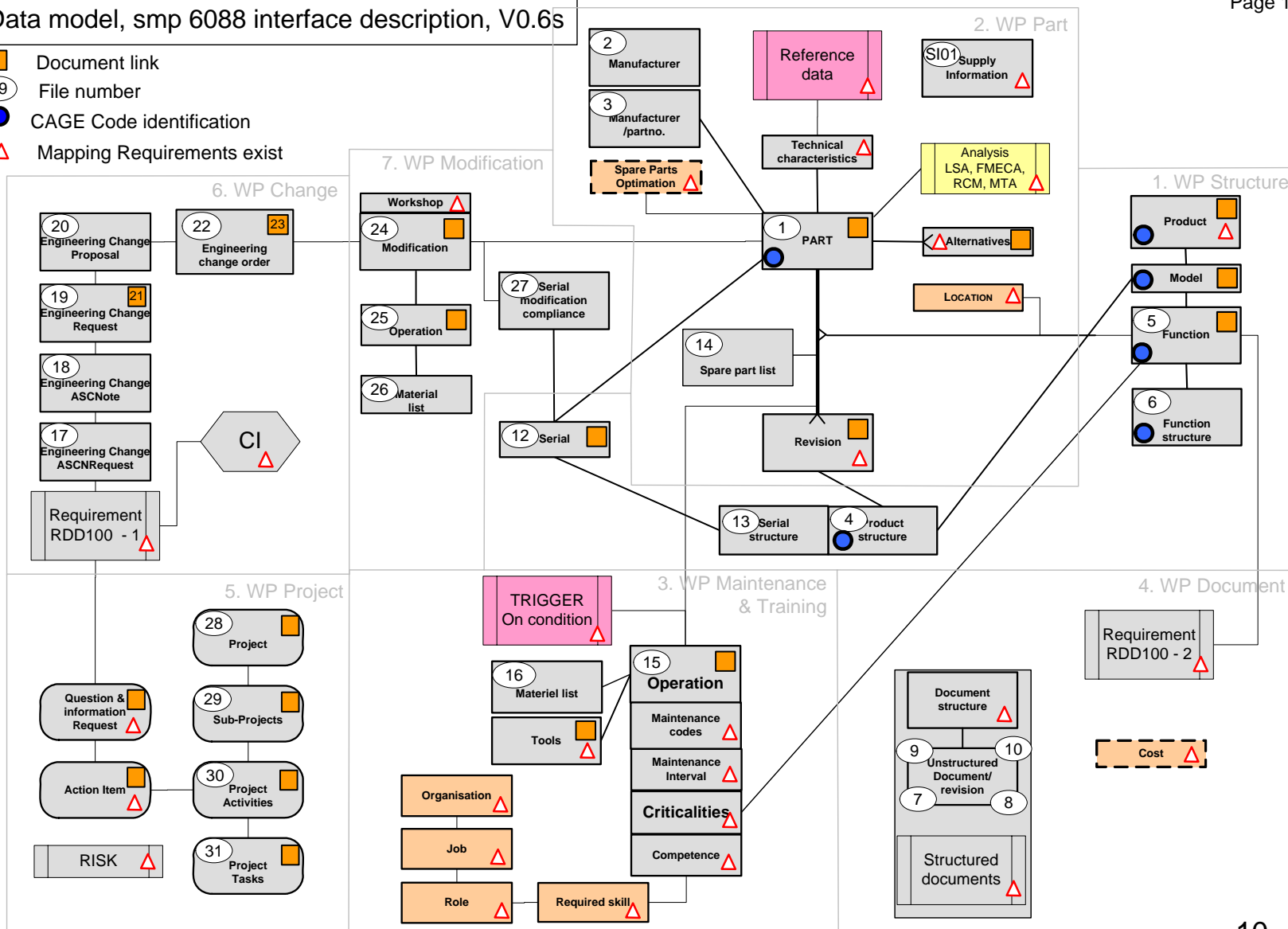
- And more



Information model

Data model, smp 6088 interface description, V0.6s

- Document link
- 99 File number
- CAGE Code identification
- Mapping Requirements exist





Norwegian PLCS Implementation Projects





DEXs developed by NDLO

The following DEXs are developed by NDLO:

- Product breakdown structure
- Individual product data
- Maintenance task description and usage
- Part characterization
- Part supply data
- Part usage
- Document

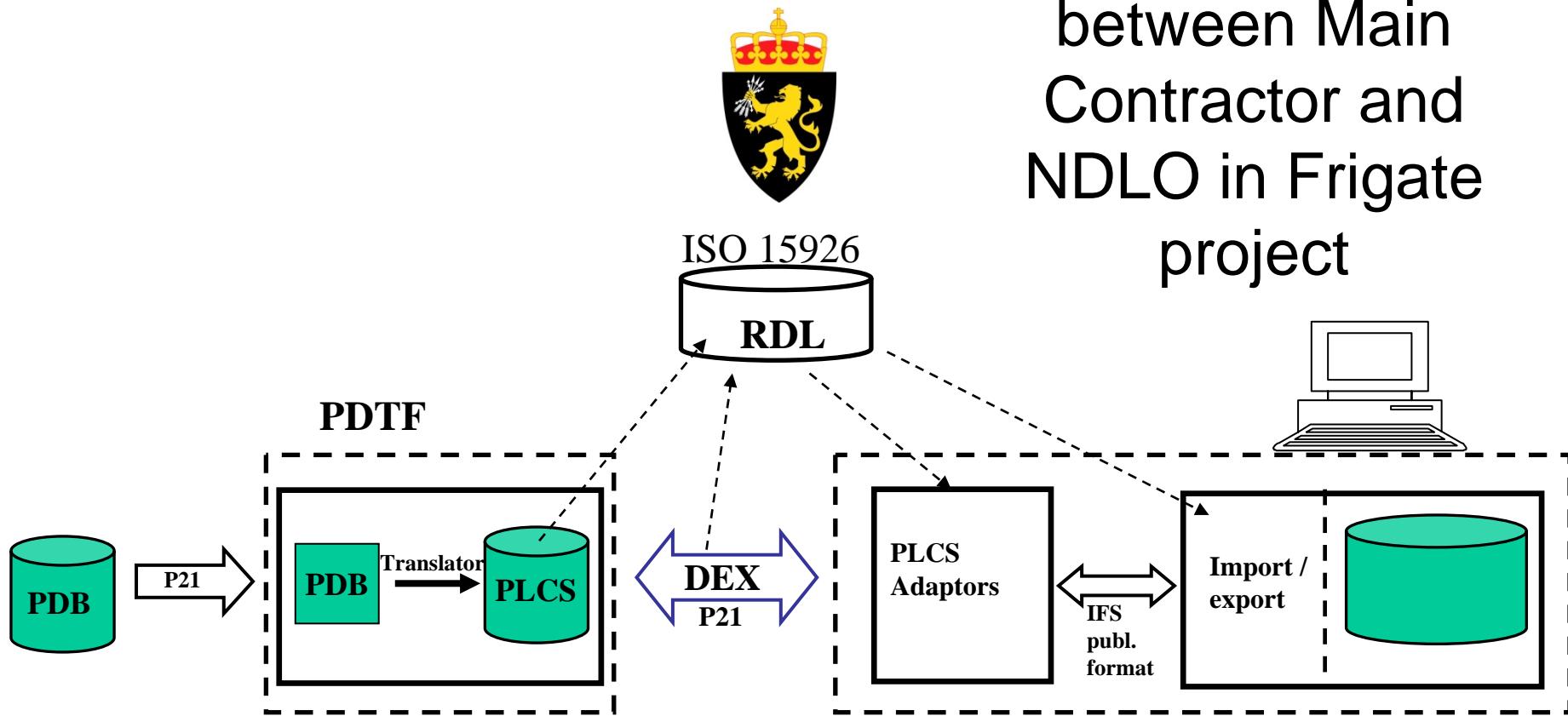
Will be updated to comply with OASIS standardized DEXs

OASIS Documentation environment:

DEXLib <http://www.plcs-resources.org/>

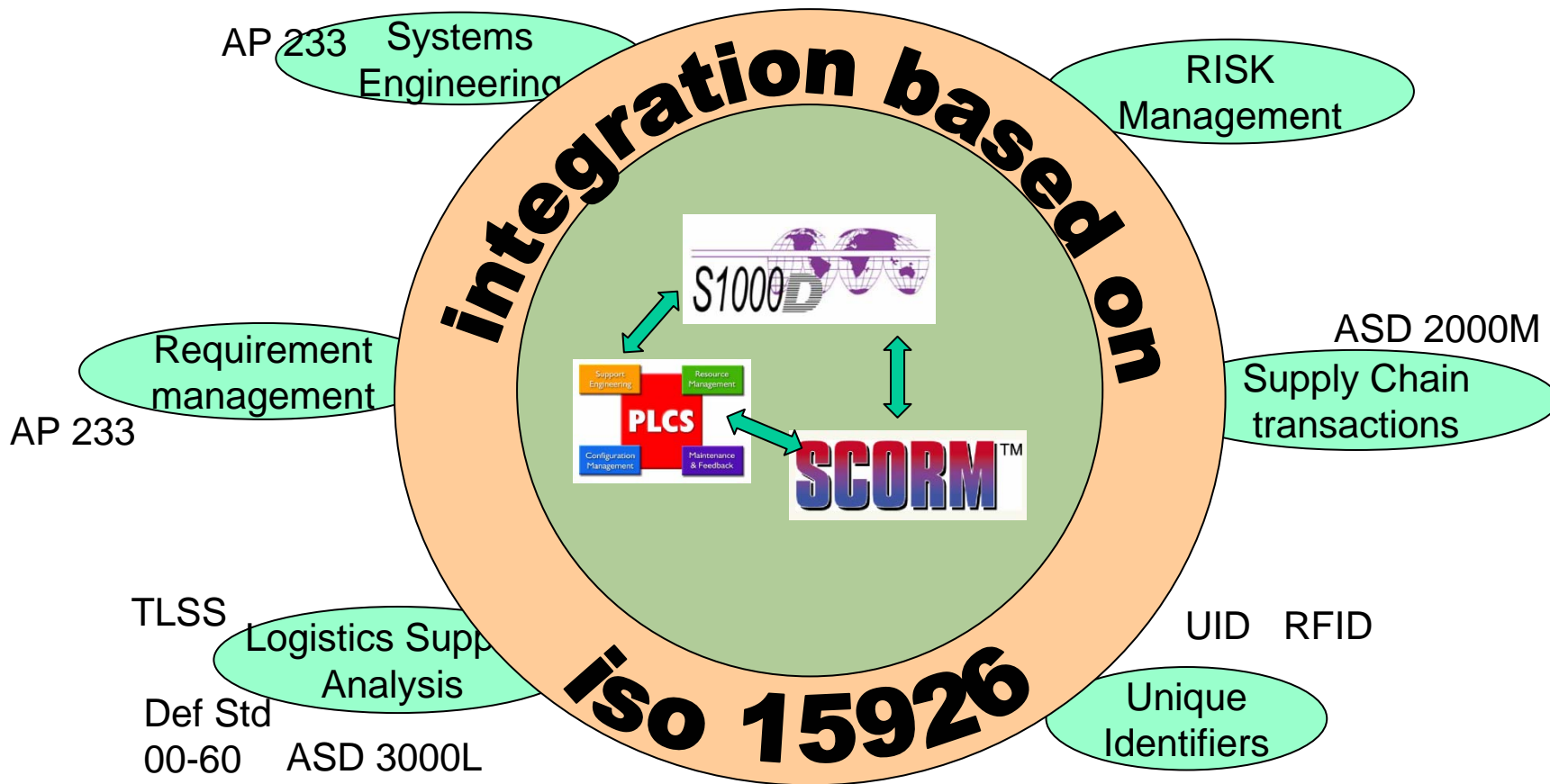


Data exchange between Main Contractor and NDLO in Frigate project





PLCS project scope





Develop Process, Method and Tools for the support of :

- Receipt of information deliverables in the early phases of the material projects,
- Information exchange through the operational phase
- Support of various analysis throughout all phases
- Reporting of Logistical Information to feed Command Control systems
 - and thus support the concept of Network Centric Warfare

Coordination with ERP project to ensure implementation of deliverables

