



Økt operativ evne gjennom effektiv logistikk



P 2529 PLCS

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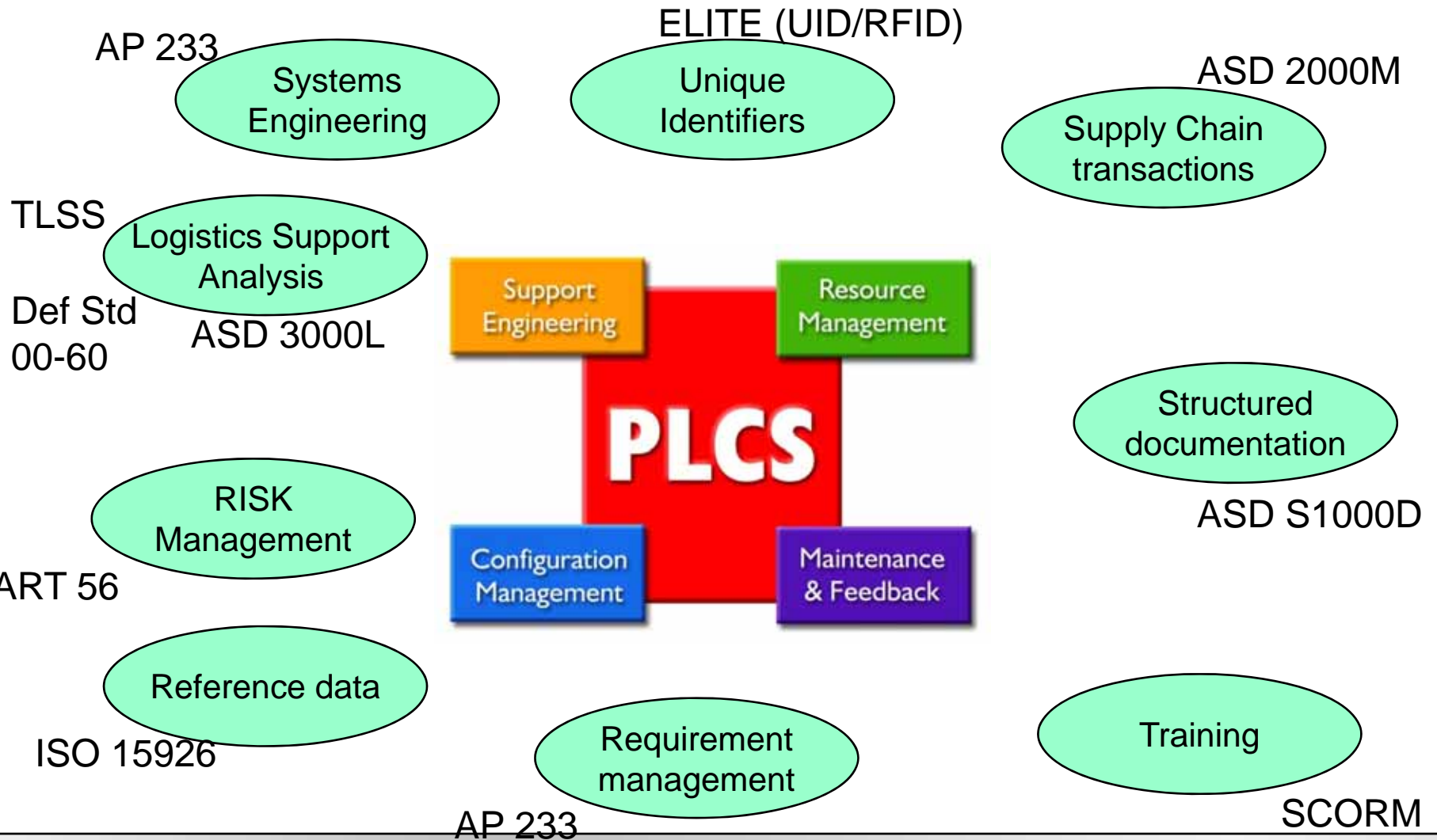


- *NDLO's strategy is not for one standard but for a set of compatible standards to address the full scope of Integrated Logistic Support throughout the entire lifecycle of the product... Dec 2002*
- Consequences:
 - ISO 10303-239 (PLCS) is to be used for all external information exchange for the areas covered by the standard
 - SCORM is to be used for electronic training information
May 2006
 - S1000D is to be used for electronic documentation



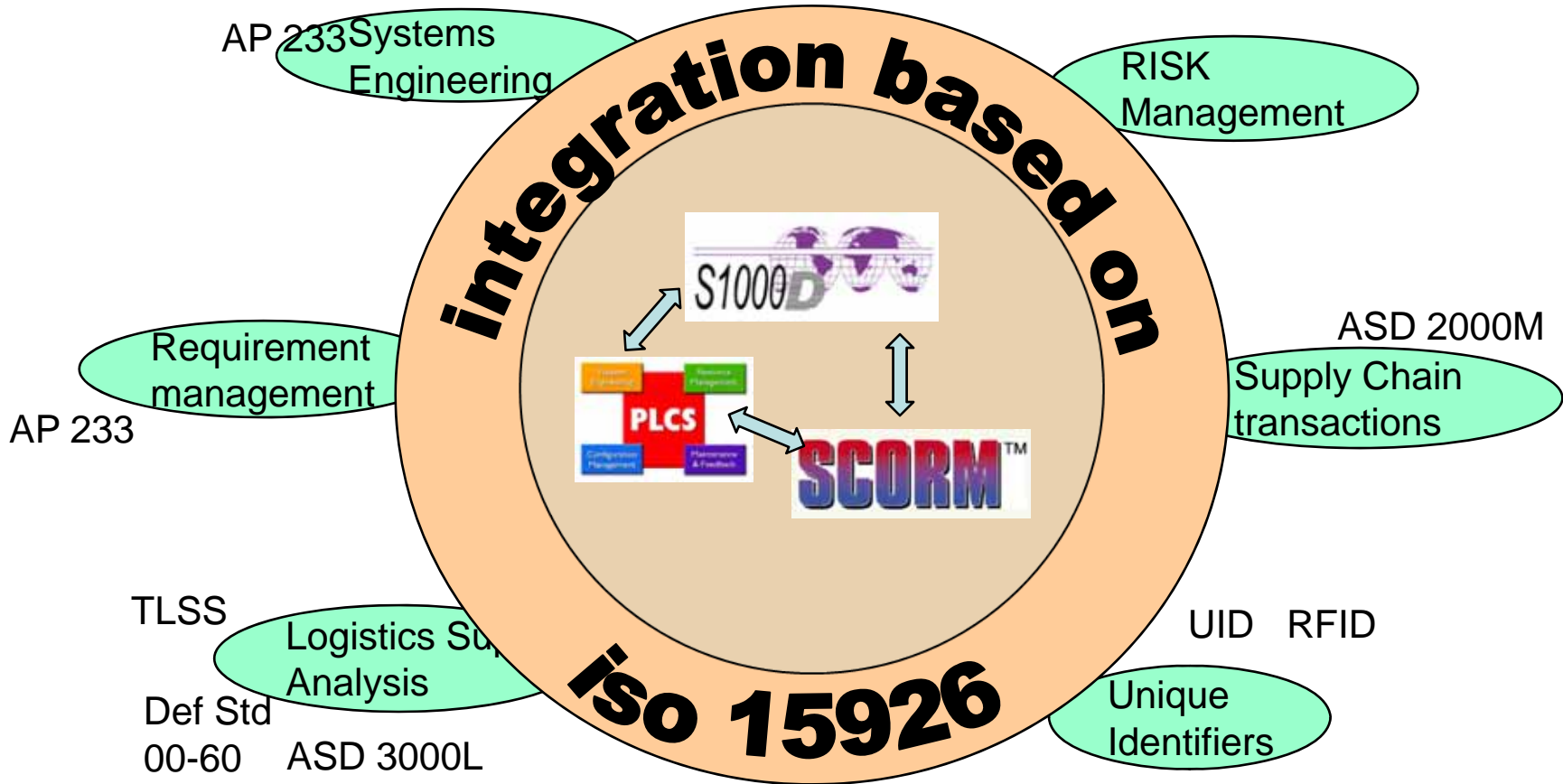


PLCS related standards and initiatives





P2529 scope





Process

Establish and realize requirements for information elements to sustain the logistics processes, based on the SFK-Information model.

To be carried out in close cooperation with the responsible parties for the respective processes, through their Process Change Control Boards.

Method

Main deliverable is methods for exchange of logistics related information.

LCS (ISO 10303-239) will be functionally enhanced mainly by linking in other international standards.

Tools

Some expert tools will be enhanced, developed and implemented for support of various SE, ILS and IM analysis.

Viable

Training – develop educational package at Master level

Policies – mandate use of open standards for front-end processing for FIF

Incorporate deliverables in business as usual through policies and procedures



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 LOS to ensure
FIF implementation of P2529 deliverables



The original problem statement for PLCS was:

How to keep the information needed to operate and maintain a product aligned with the changing product over its life cycle in a heterogeneous organization, process and system environment?



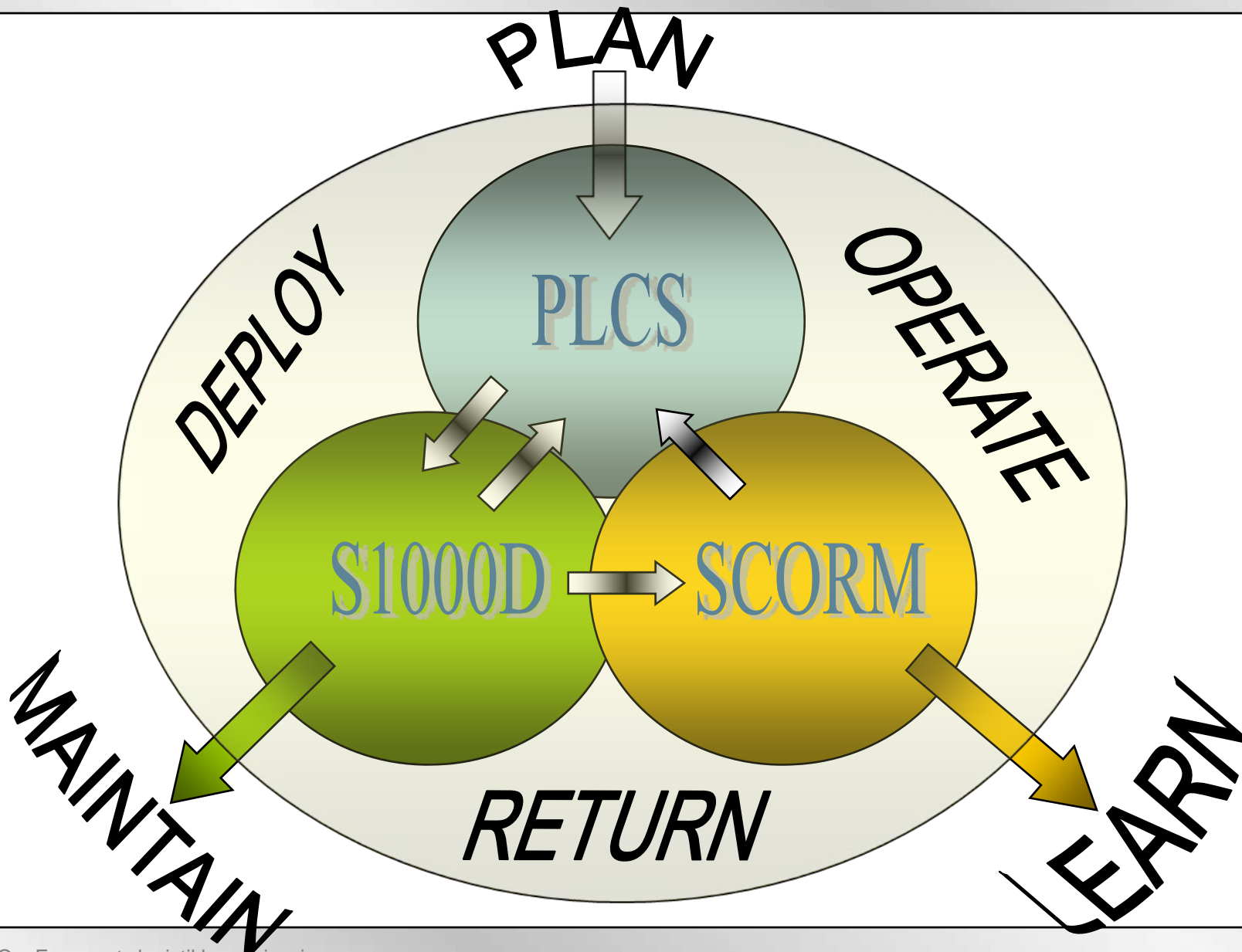
This can become:

*How to keep
the technical information and
learning material for a product
aligned
with the changing product
and ready for rapid deployment
using open standards including
S1000D, SCORM and PLCS?*

Achieving this will allow
fast deployment of operational forces with
the right skills, equipment and resources for their task



- Training – Push
Provide general training ahead of deployment
 - Develop Product with support solution
 - Develop viable support solution
 - Qualify the maintainer for the job
- Training – Pull
Provide specific training when needed
 - Support deployed product in current configuration
 - Support on demand training of the maintainer for performing a job on the individual product in it's as-maintained configuration in the current context
 - Is the available maintainer qualified for the task?
- Training feedback
Is the training efficient and effective ?
Does training feedback suggest potential improvements on
 - the product
 - the support solution





Expectations



ADL – Bridge should contribute to:

- Alignment of SCORM based training assets to the product as it changes throughout life, by utilising
 - S1000D Issue 4 opportunities
 - CM support from PLCS
- Define/clarify/formalise terminology to take advantage of ISO 15926 Reference Data Library



Quality methods

- Framework for measurable Information Quality
- Syntactic , Semantic, Pragmatic quality for data, information, metadata, model and system levels
- Building on ISO 9001, 15288, 15289 and others
- Contributing to ISO TC184-SC4-WG 13 to broaden scope of ISO 8000