

# MDA Enabling SOA

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# Agenda

**MDA – MOF/CWM/XMI**

**SOA – TOGAF/ADM/SBB/TRM/IIRM**

**5 Examples of Synergies**

**Conclusion**

# MDA

Techniques in Use:

CWM, MOF, XMI, etc.

Mark-up Languages (as a information model  
for the underlying services)

MOML/MSML, SAML, DAML, etc.

Modelling & Meta-data about Technology,  
Systems, Data/Objects and Networks

# SOA

Techniques in Use:

TOGAF, ADM, SBB, TRM, IIRM, etc.

Services Taxonomy (with information model for services)

ID Services, LBS, DRM, Presence, Payment, CDS, etc.

Reusable, Replaceable, Loosely Integrated, Open API's, and Common Data/Object Models.

# Synergies – Example 1

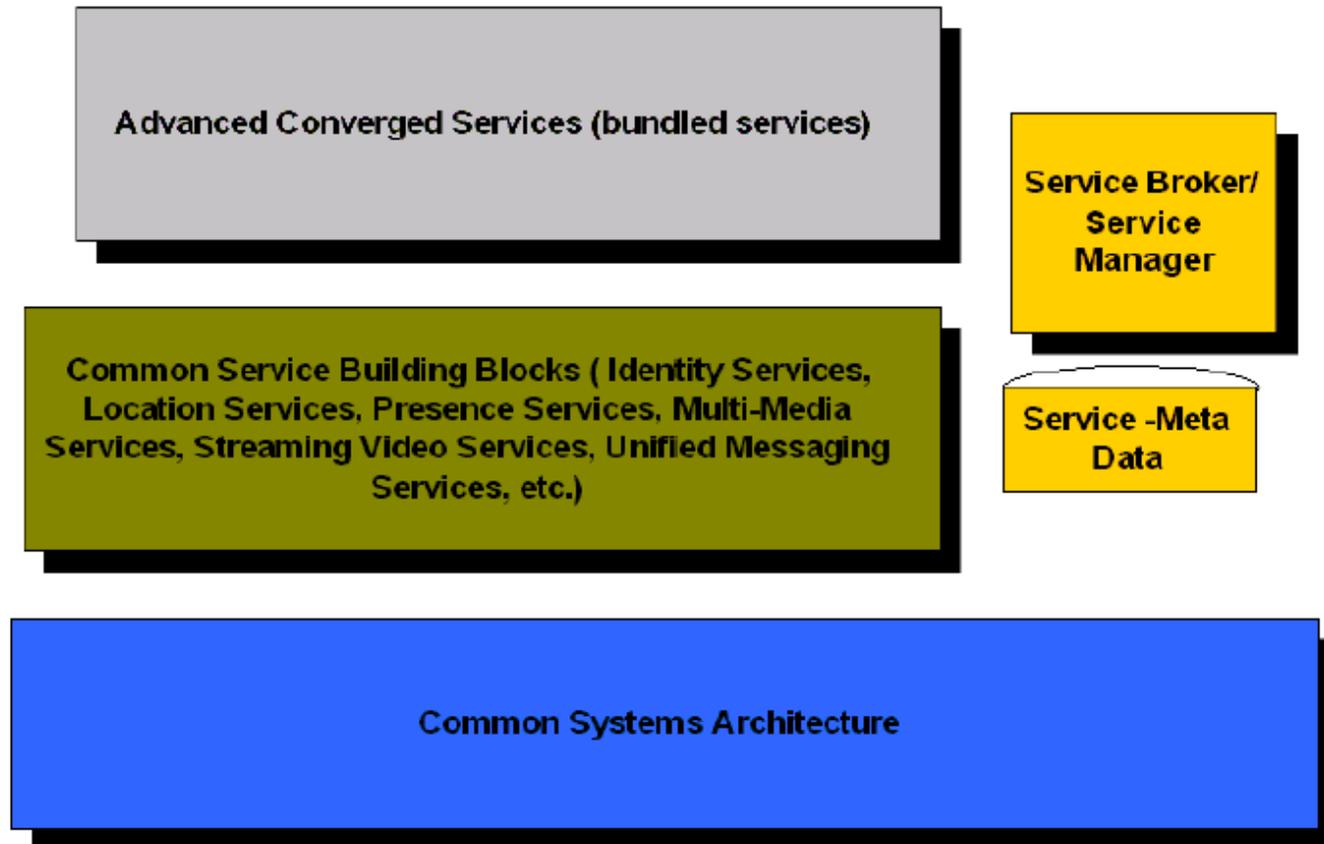


Figure 1: Service Meta Data

# Synergies – Example 2

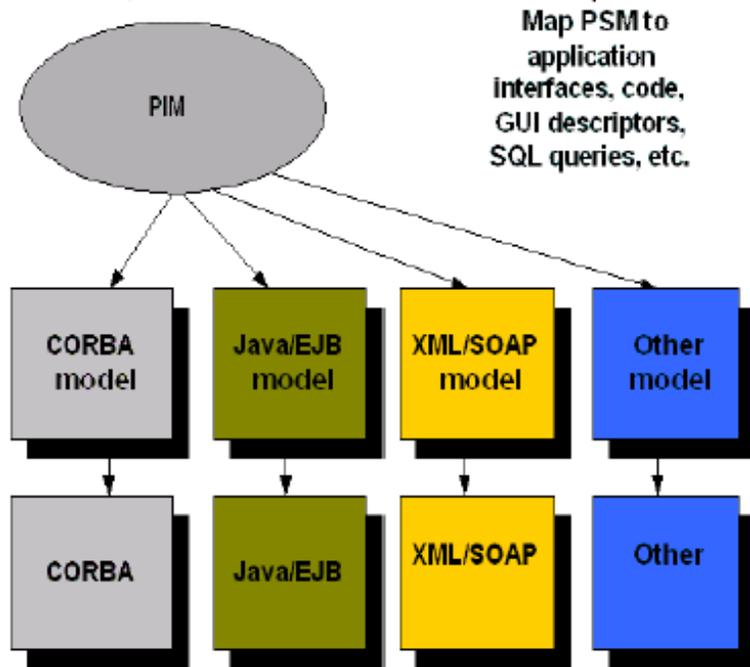


Figure 2: PIM (platform independent model)

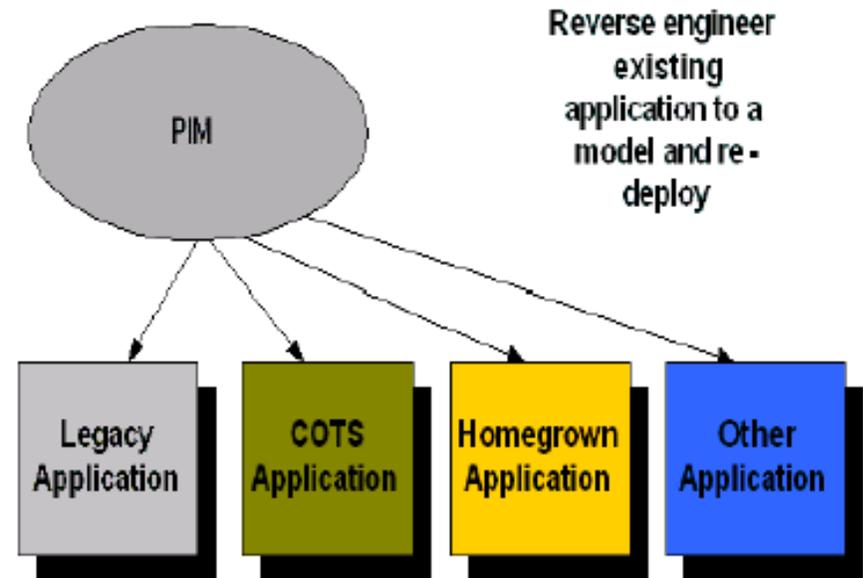


Figure 3: PIM and Reverse Engineering

# Synergies – Example 3

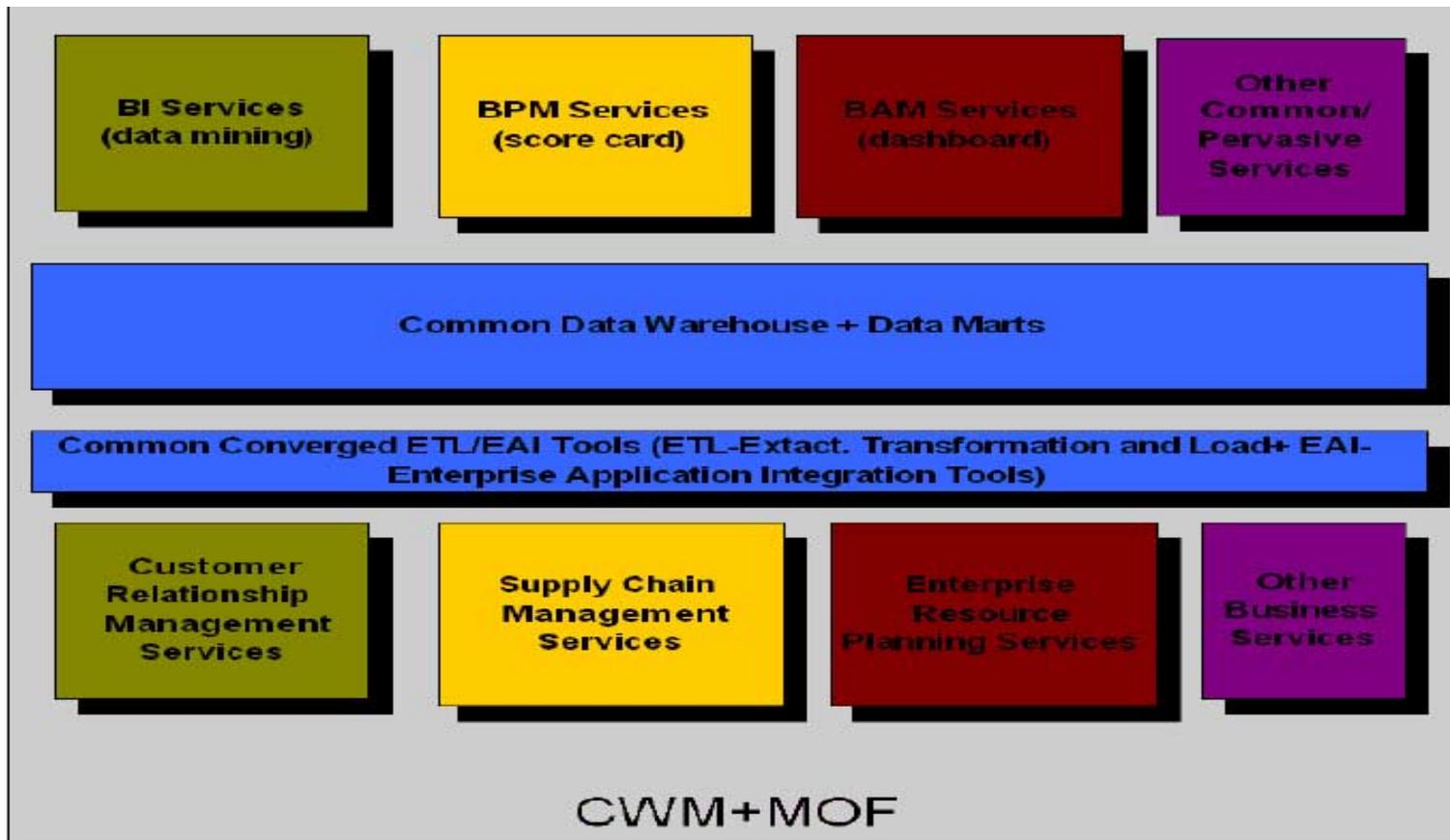


Figure 4: A common warehouse model with meta-object facility and XMI

# Synergies – Example 4

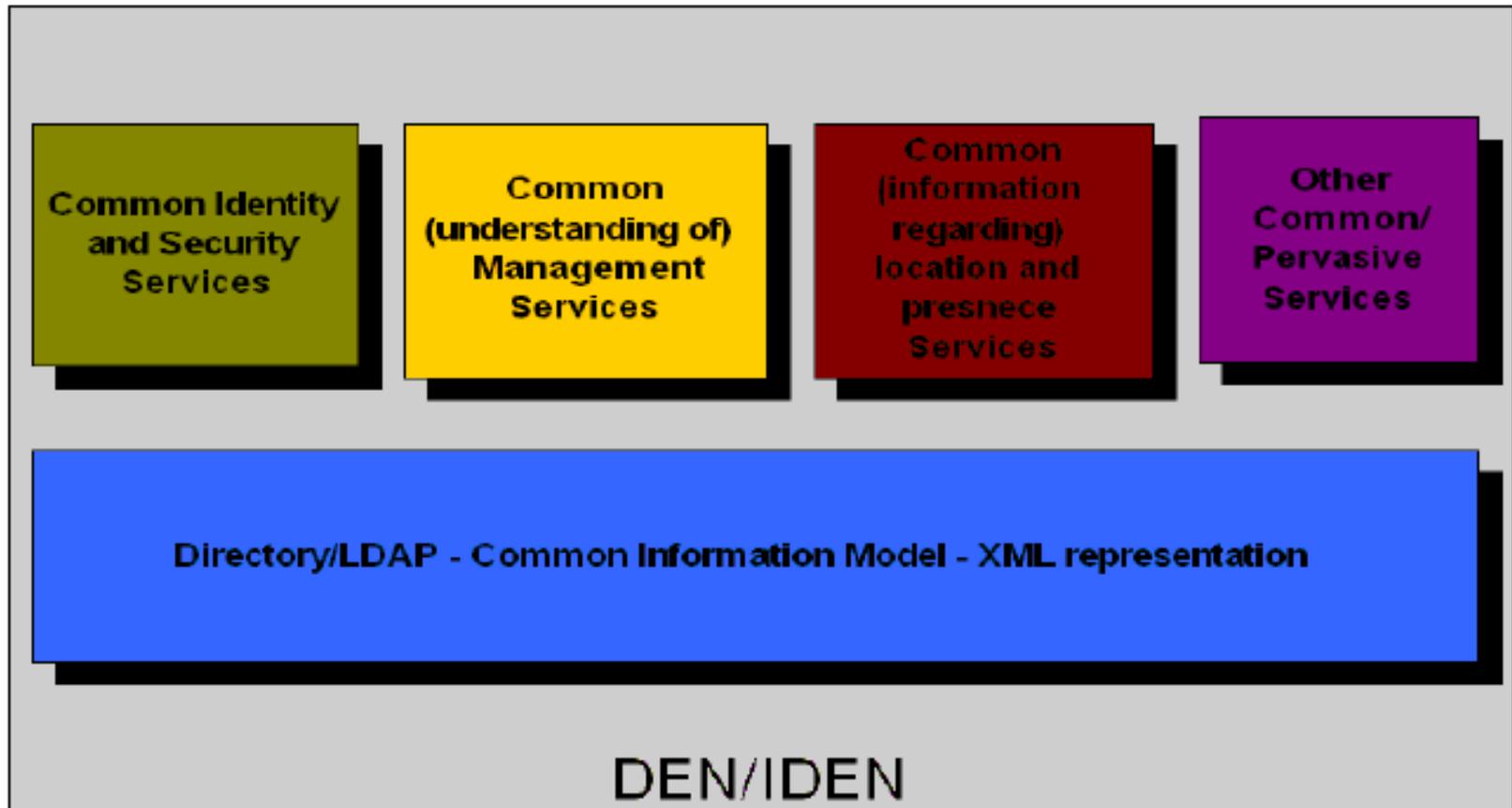


Figure 5: Directory and Identity enabled Networks offering a Common Information Model

# Synergies – Example 5

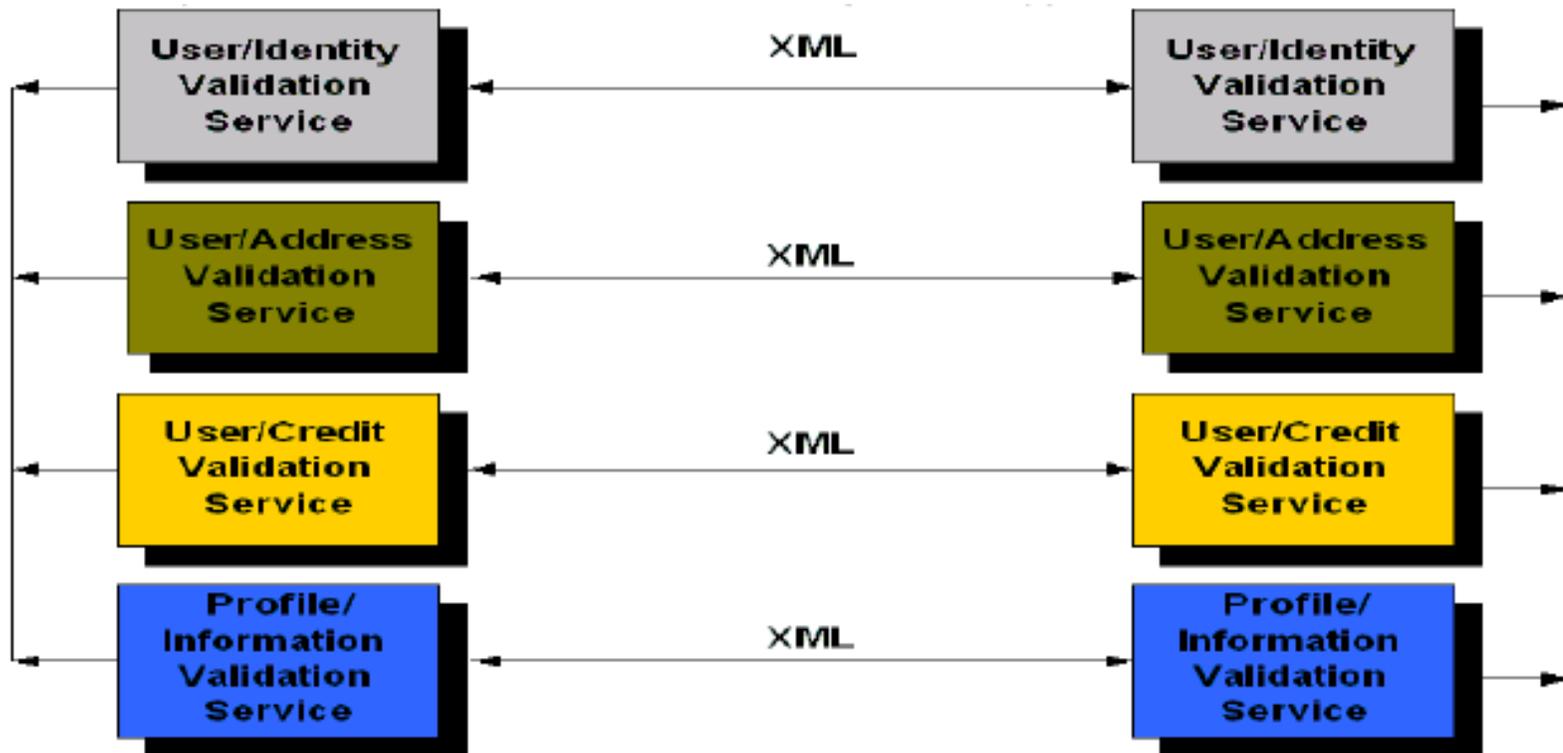


Figure 5: STP

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