From Frameworks to Objects – Realizing the Enterprise Architecture Framework

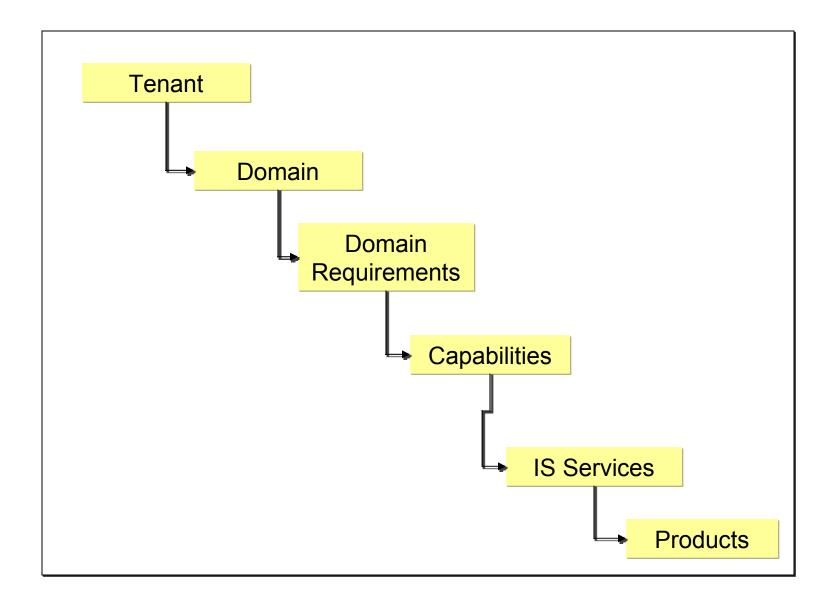
Pinaki Ghosh, The Dow Chemical Company

February 03, 2009

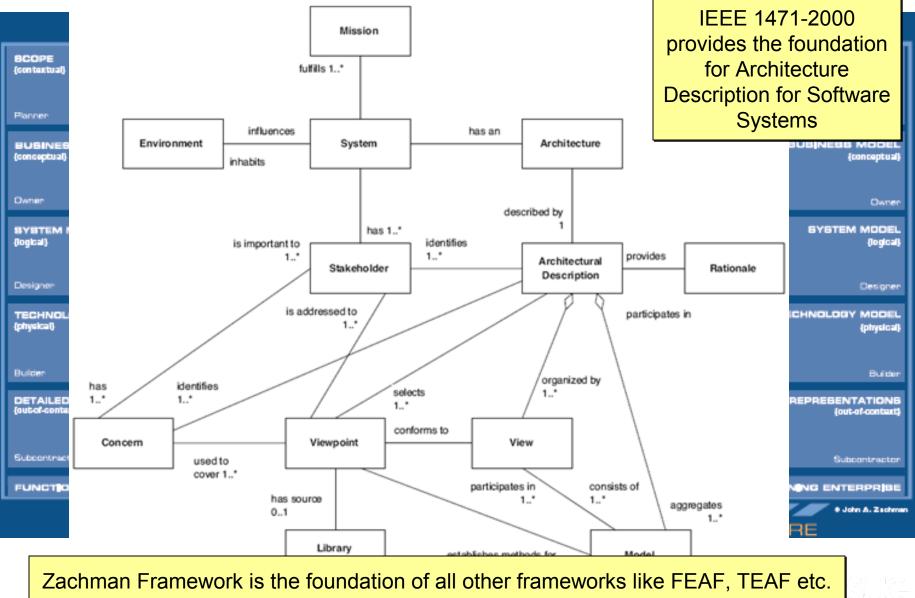
pinaghosh@gmail.com

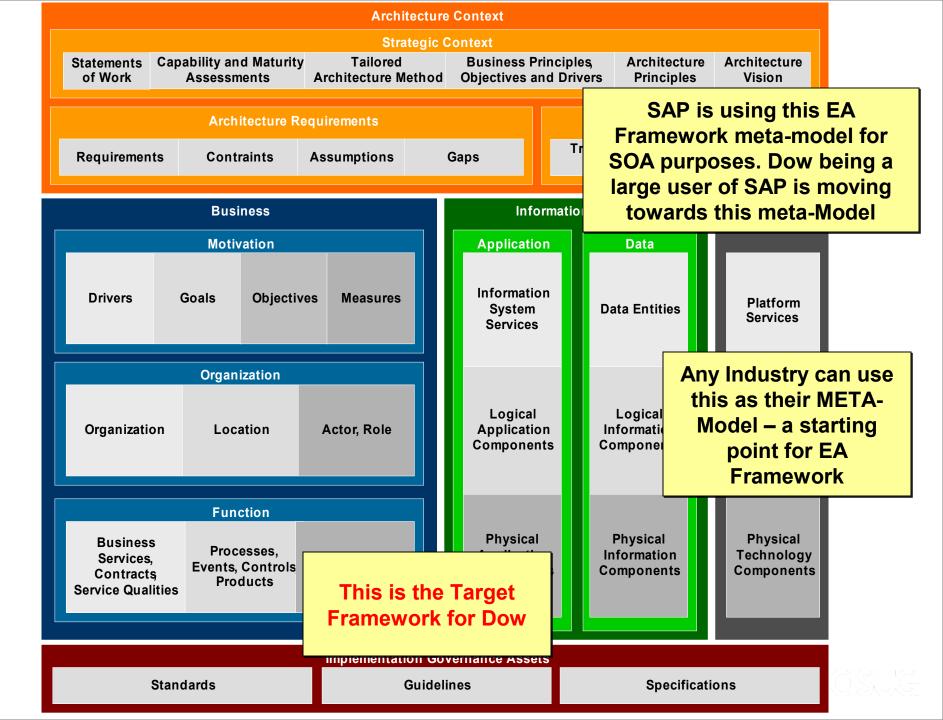
Agenda

- The IT Architecture at Dow
 - The Standards and the "Target"
 - The Framework at Dow
- Realizing the Framework Concepts:
 - Aggregation Decomposition, Federated & Enterprise, Multiple Tenants
 - What to expect in each view through the looking glass
- From Data to Information through Technology
 - Methods , Rules, Systems (not products)
 - Transition from One View to Another View



IEEE 1471-2000 and Zachman Framework





Enterprise Architecture Approach

Dow Enterprise Software Vendors
is adopting TOGAF

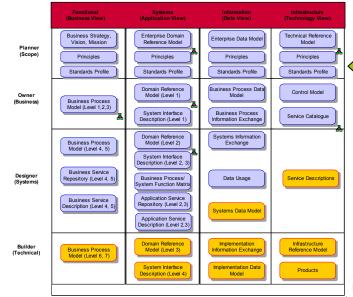
 Dow has developed EAF based on TIAF

Dow Enterprise Architecture Framework

Change

Migration

G



Framework and Principles

A. Architectur

Requirements

Management

Dpportuni and В

Business

D.

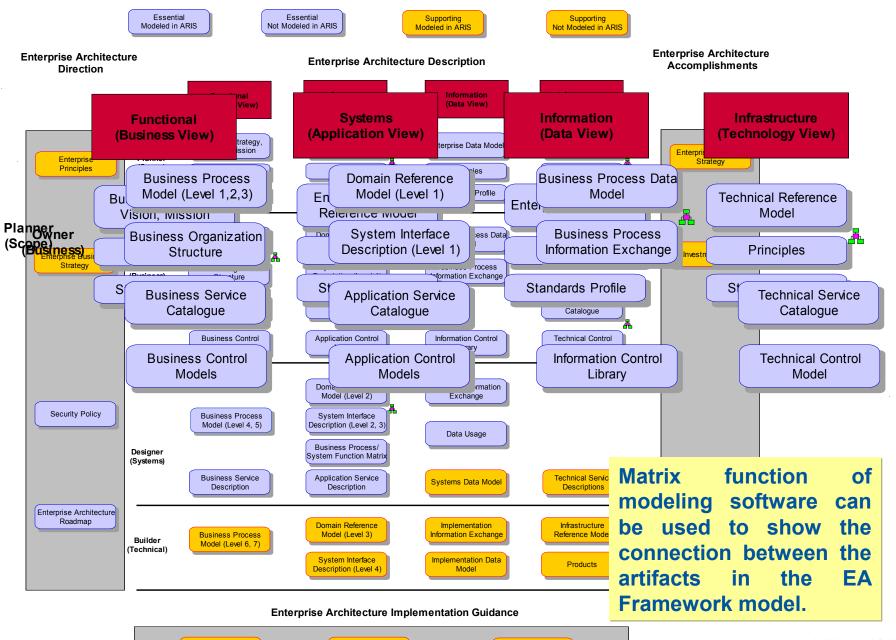
Technology Architecture

Systems

Very

similar

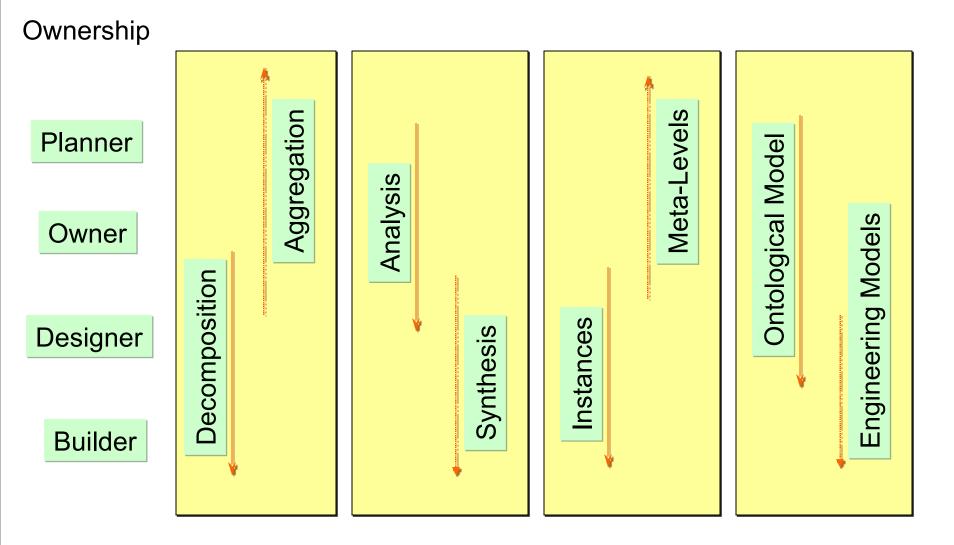
Dow Enterprise Architecture Framework



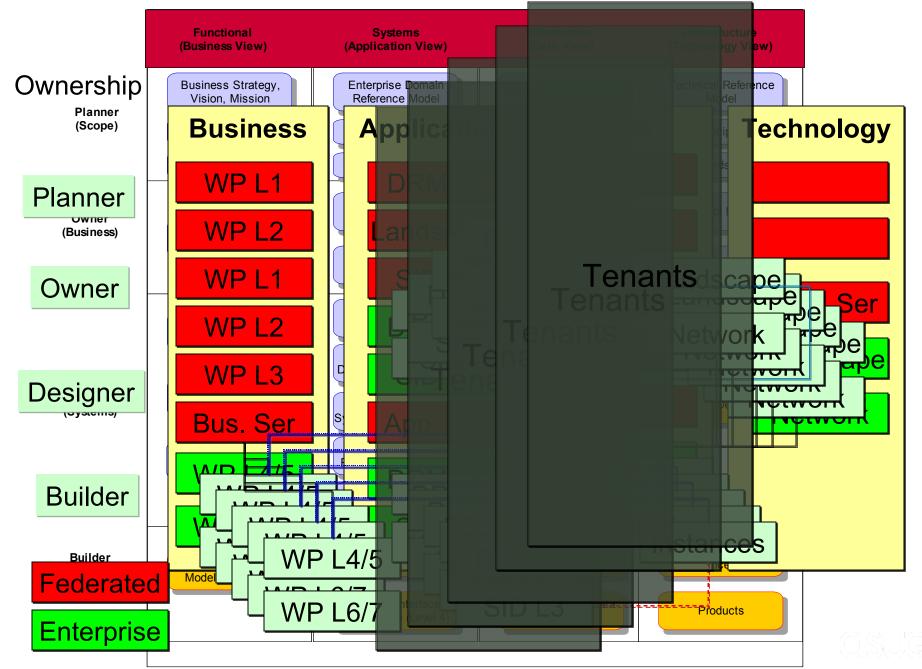
Practitioners Guide Delivery Vehicle

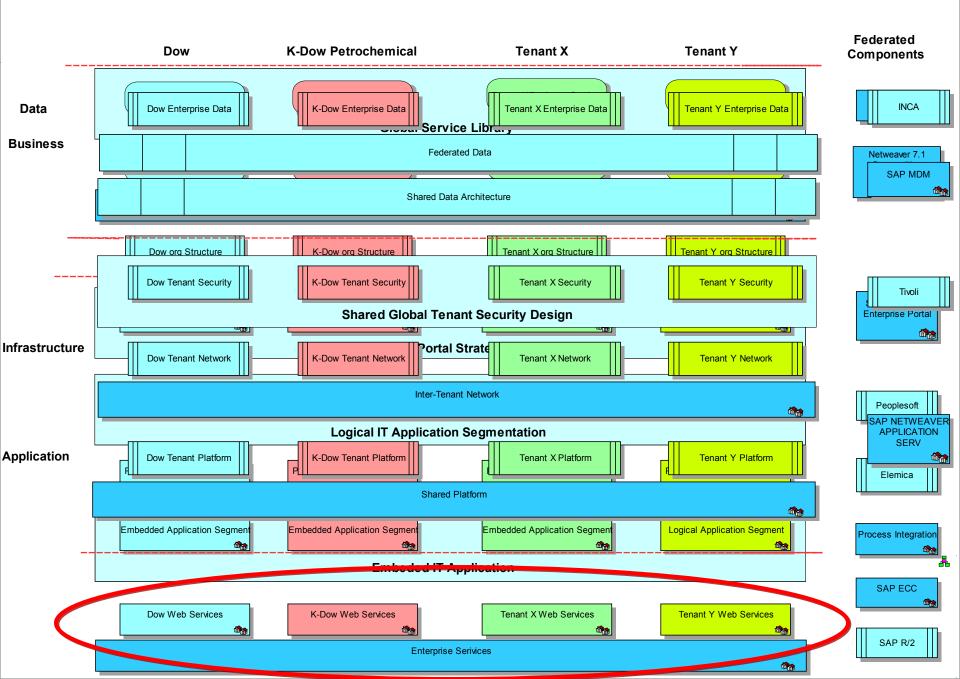
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Dow Enterprise Arch. Framework

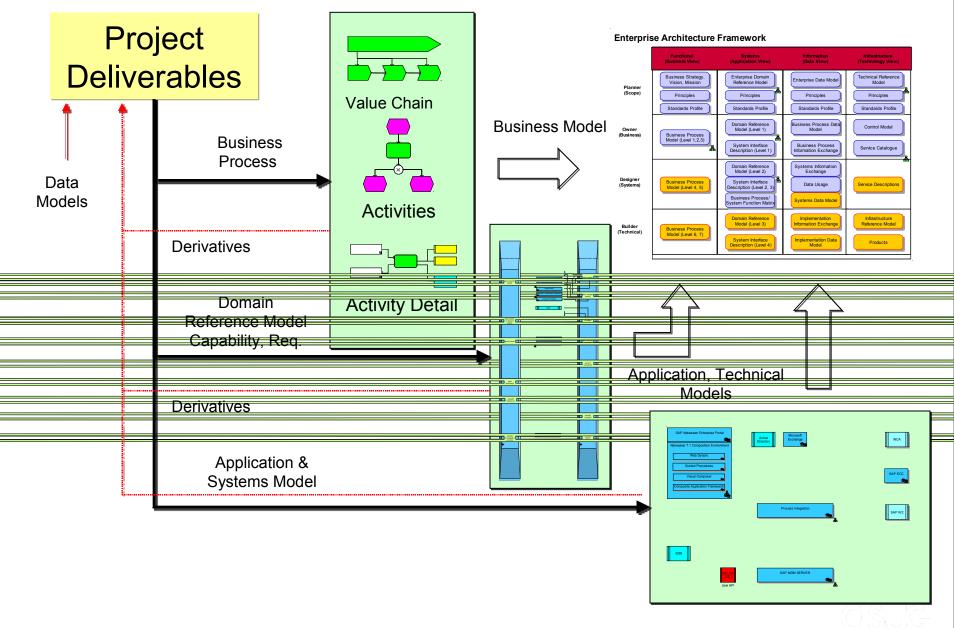


Dow Enterprise Architecture Framework

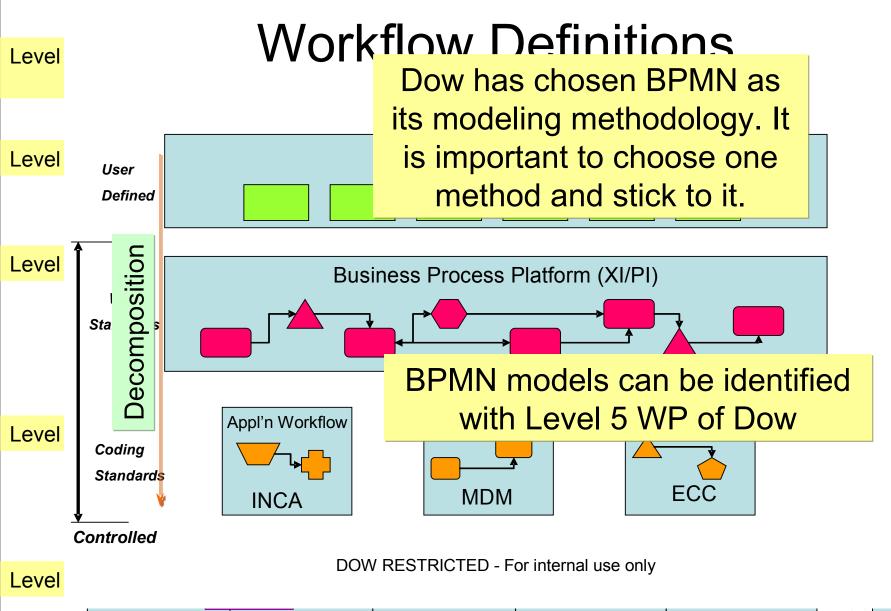




Development of Models as PDM content



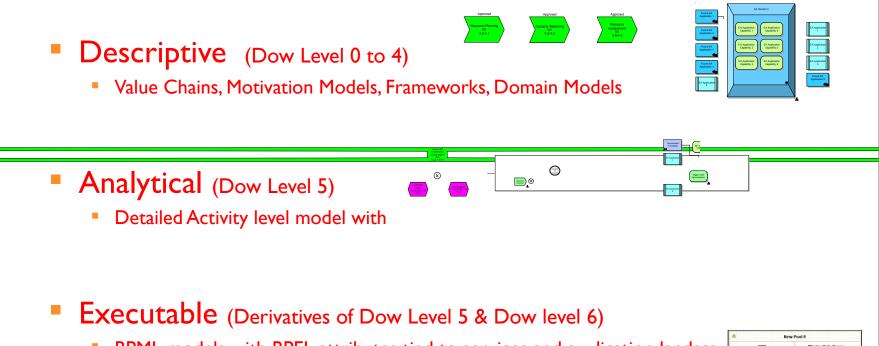
Now Enternrice Architecture Framework



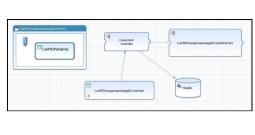


Guidance on Model Types

The 3 types of modeling we would like to accomplish



- BPML models with BPEL attributes tied to services and application landscap
- BPEL Models with Services and WSDL



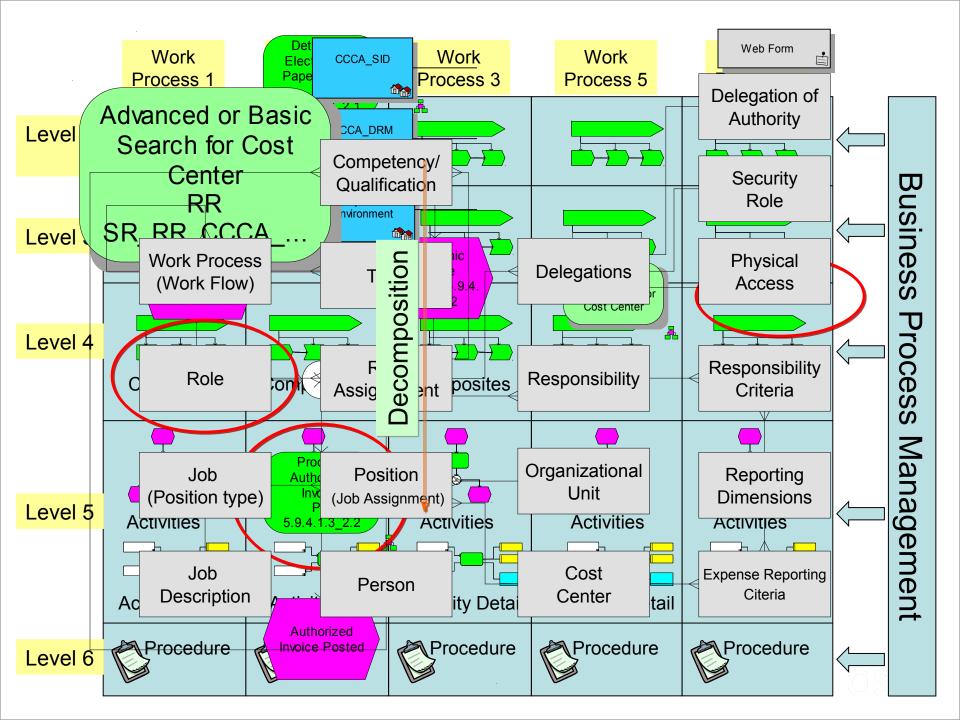
Start

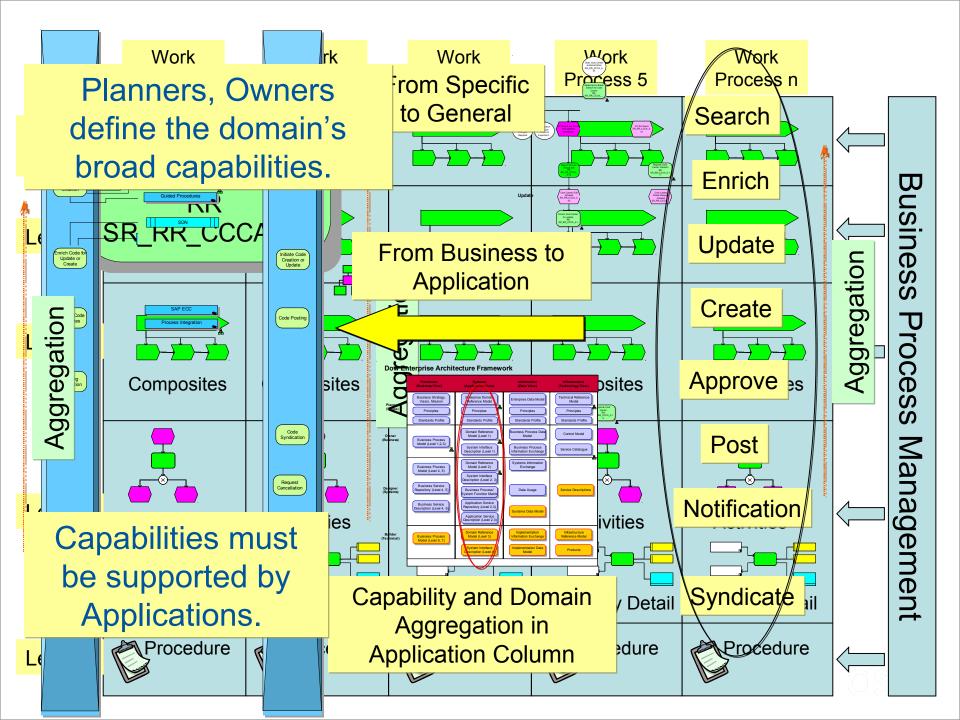
Cust MD Request

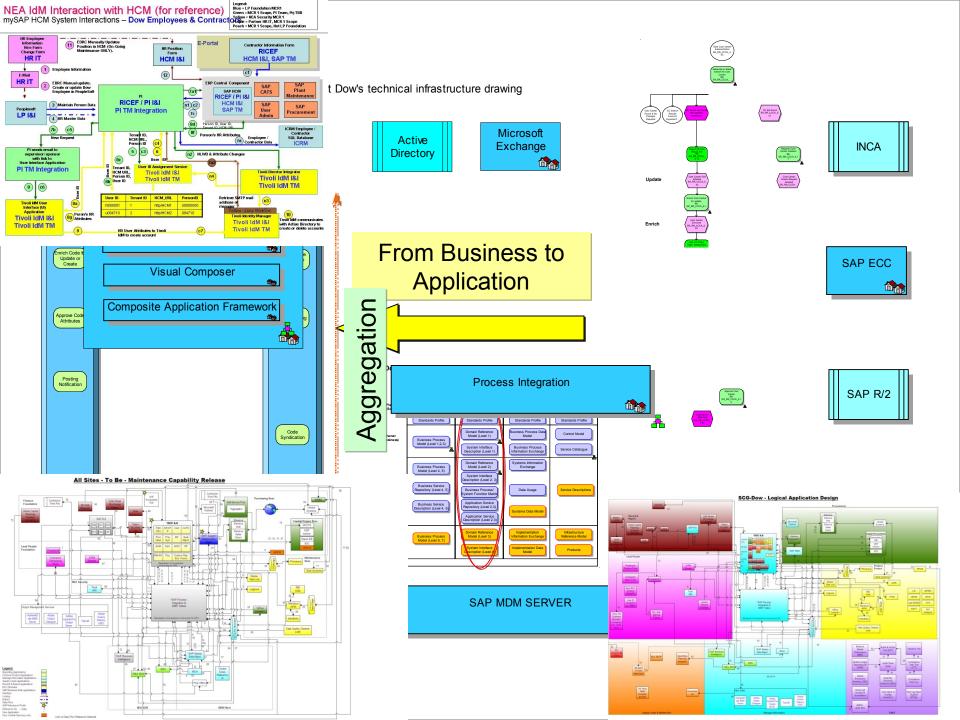
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DO_ProcessD

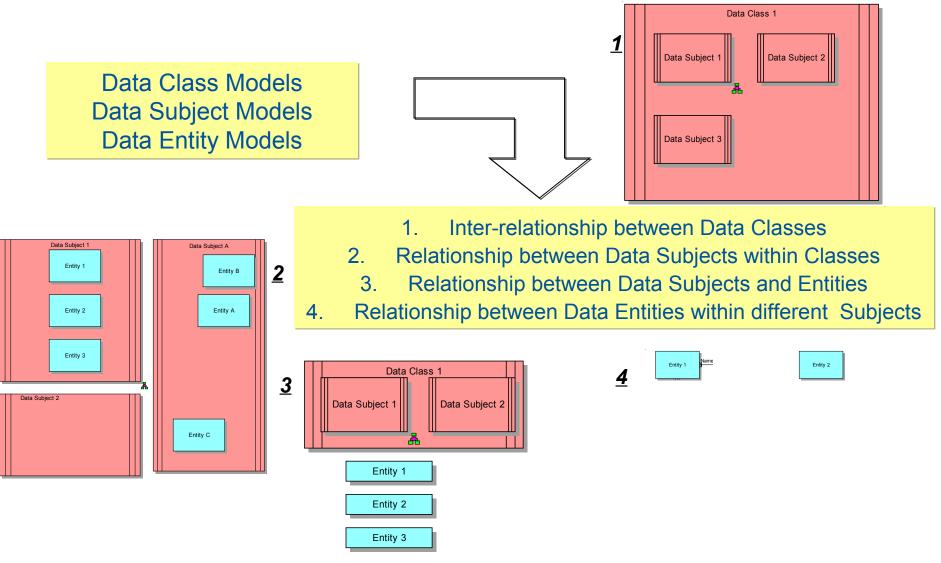
Cust MD Review







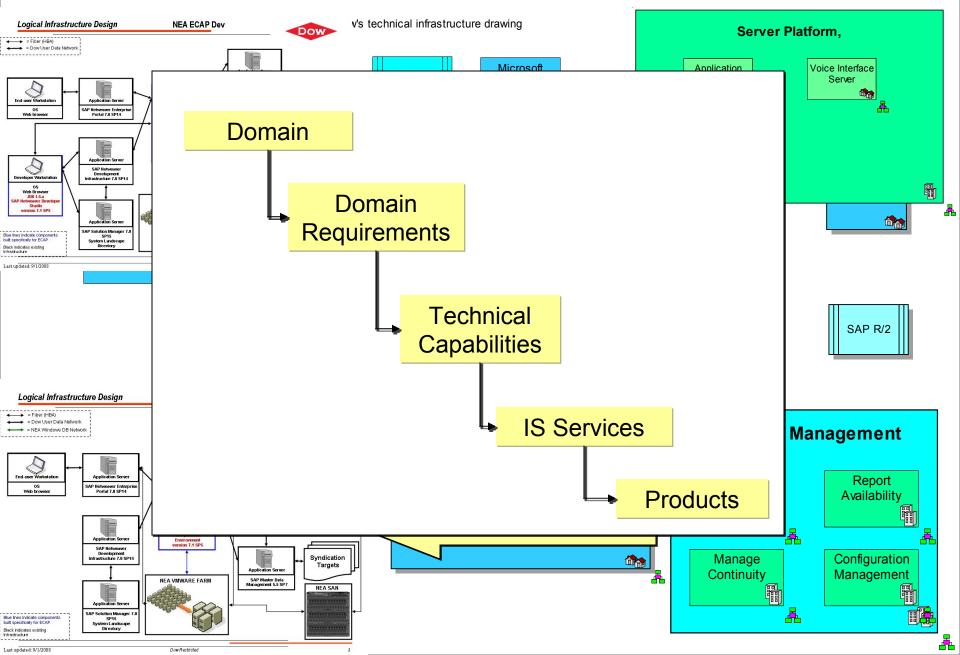
Data Model (Data View) (Mostly Federated)



The relationship between classes, subjects and entities help convert data to information

<u>o</u>sug

Technical Models (Technical View)



Questions ?

