

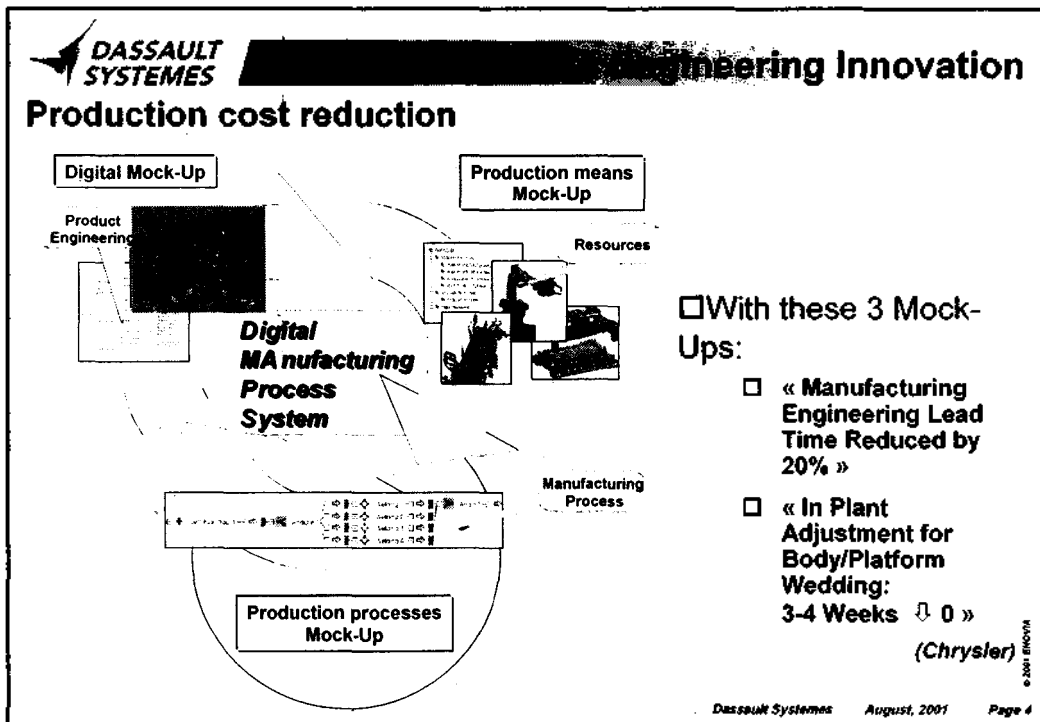
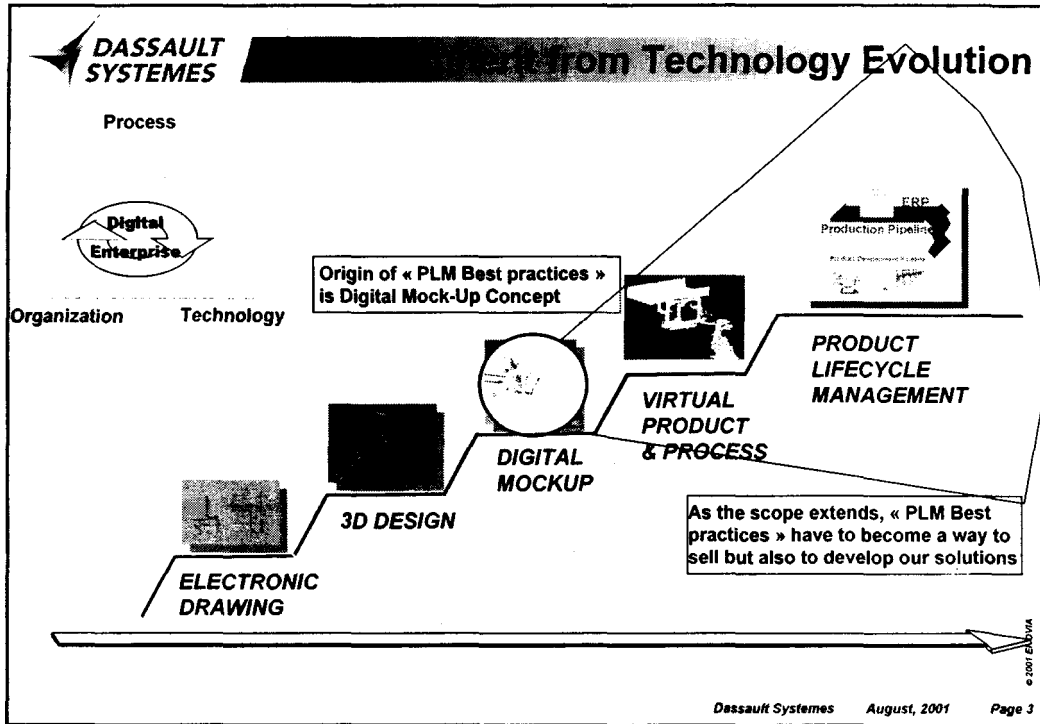
3D PLM(Product Life cycle Management) & CPC(Collaborative Product Commerce)

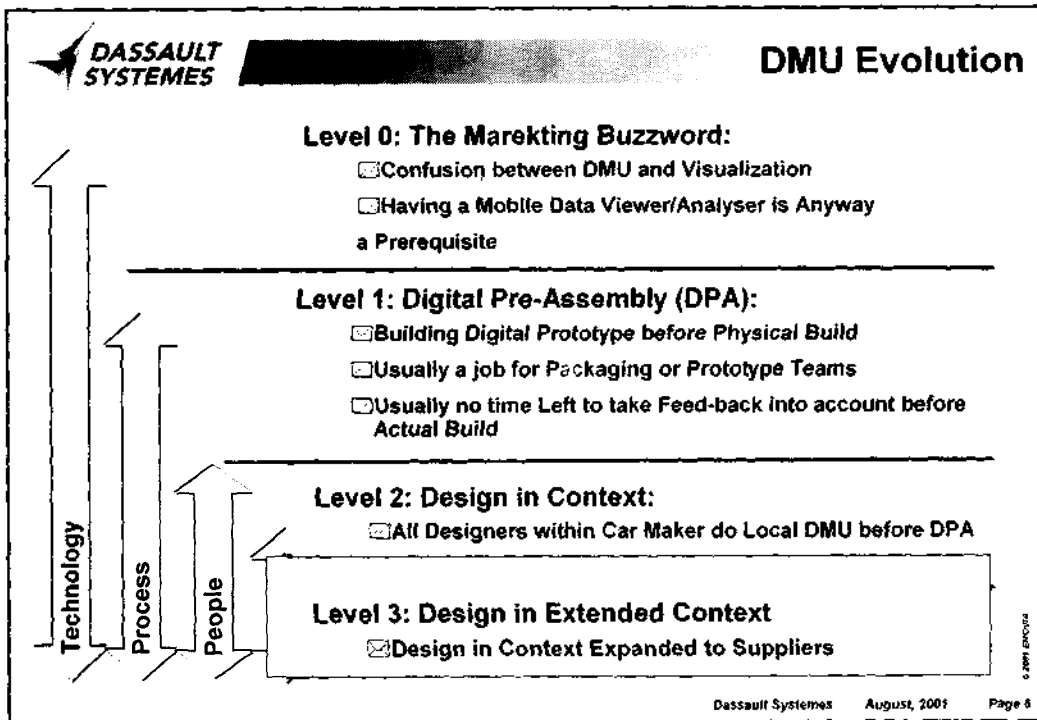
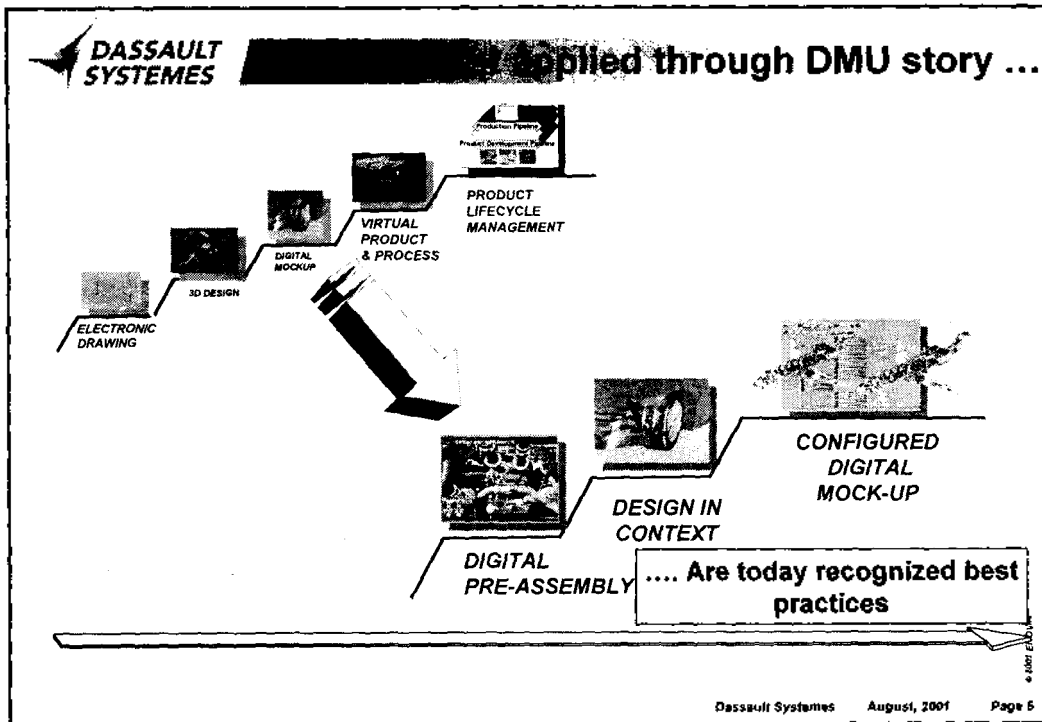
2001. Aug. 30

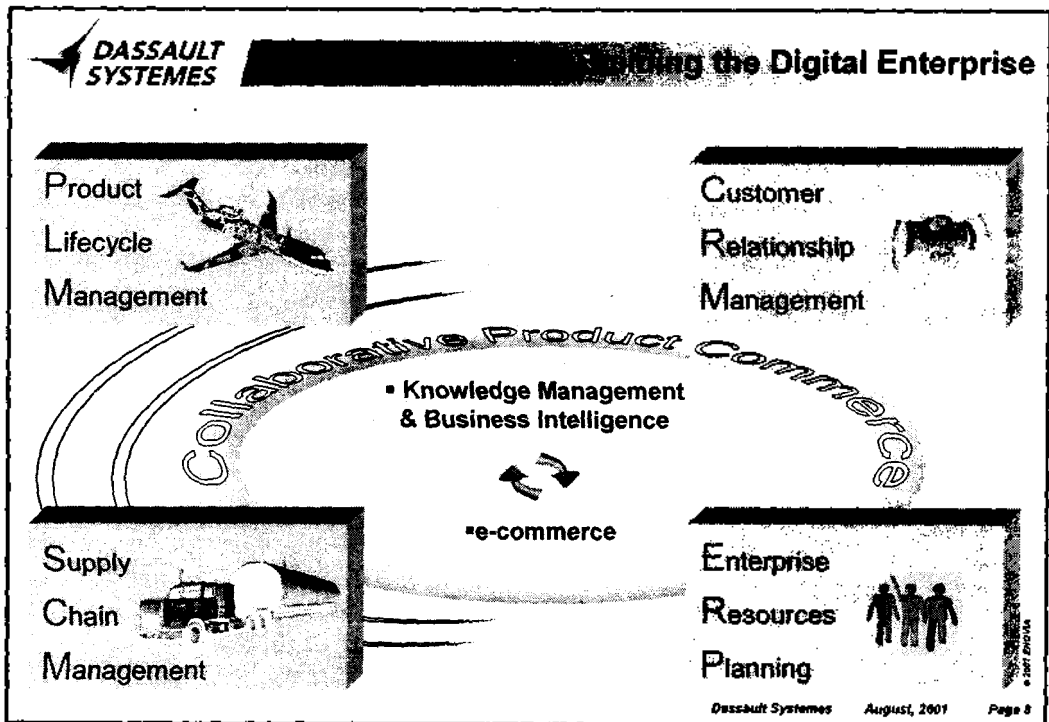
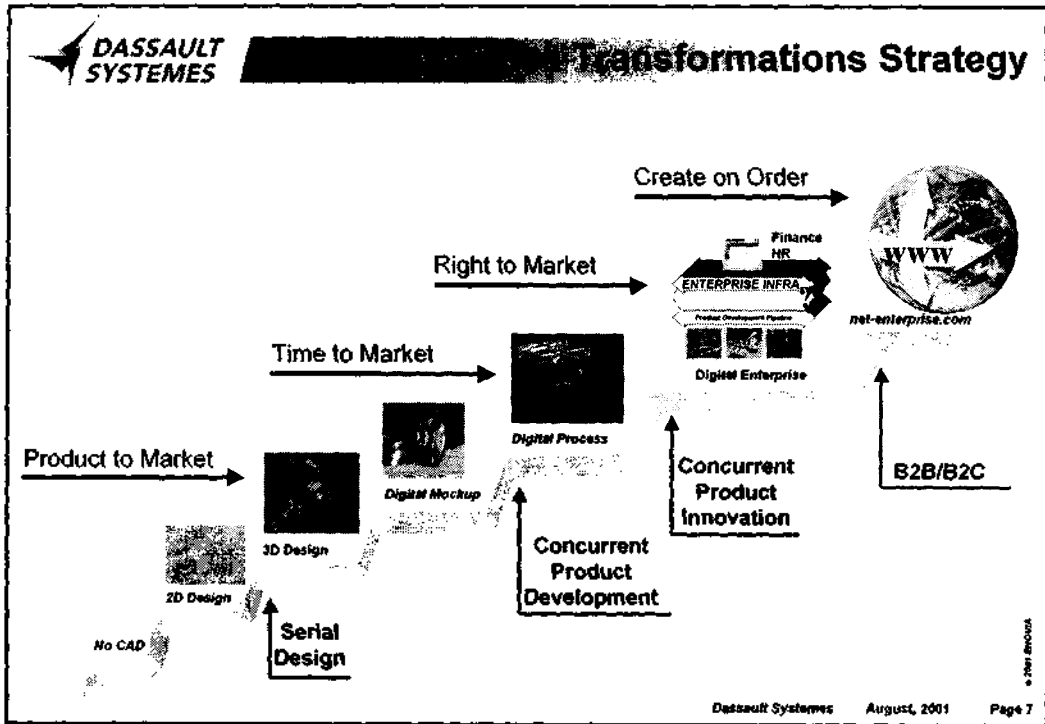
**Dassault Systemes Korea Branch
WooSuk CHOI**

I. Concept :

**From DMU
to PPR
to PLM and CPC**







DASSAULT SYSTEMES Solutions for collaborative innovation

PLM Decision Support **ENOVIA** Life Cycle Mgt

CRM

Discipline A... Collaborative Product Communities

CATIA **DELMIA**

Content & Service Trading Communities **ENOVIA** Smart Solutions We work the way you work

SCM **ERP**

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DASSAULT SYSTEMES What Dassault Systemes is about

Help customers build their Product Life Pipeline

Product Life Pipeline

CREATE & SIMULATE THE PRODUCT **CATIA SOLUTIONS**

PRODUCT DESIGN PLANTS & MANUFACTURING RESOURCES PROCESS

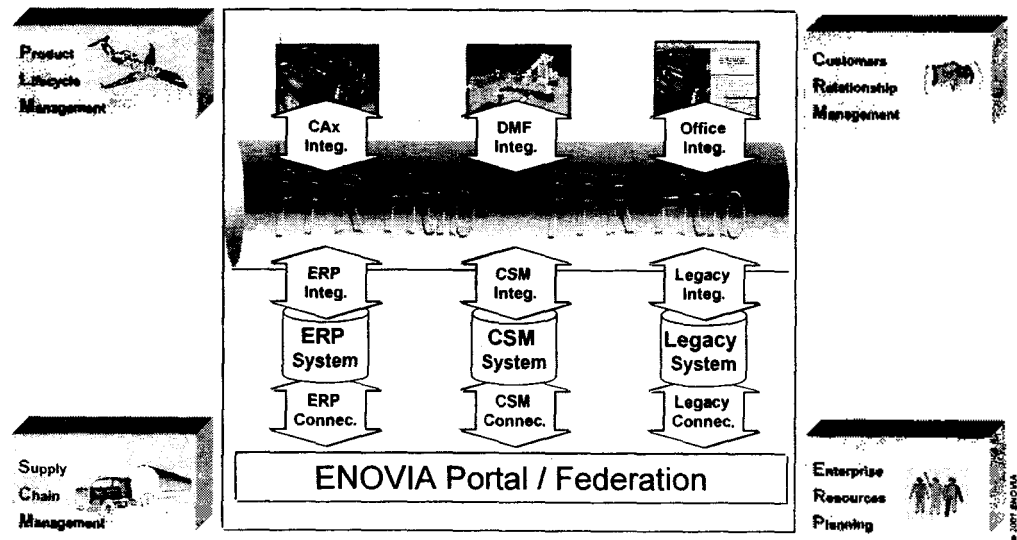
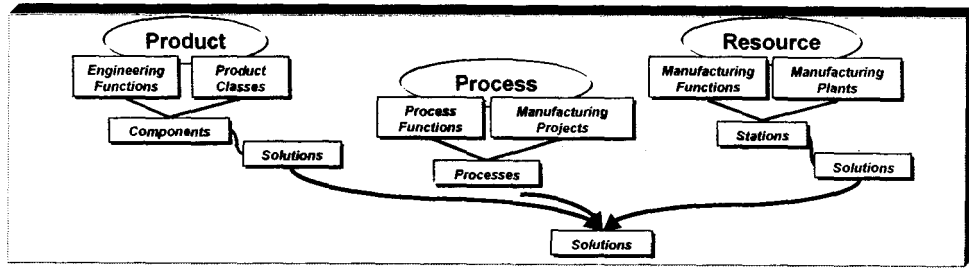
OPTIMIZE THE PROCESS & RESOURCES **ENOVIA SOLUTIONS**

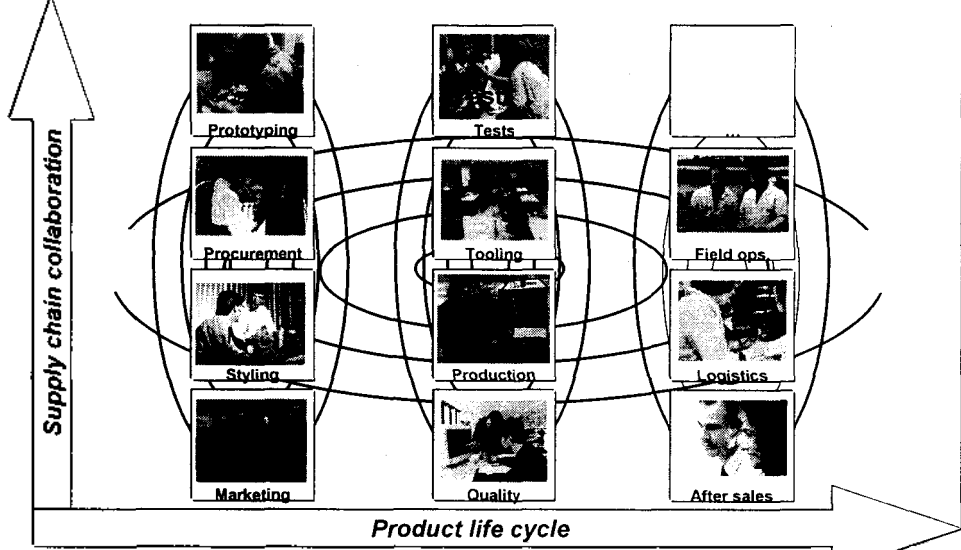
DEFINE PROCESSES & PRODUCE PRODUCT **DELMIA SOLUTIONS**

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A manufacturing industry oriented data model

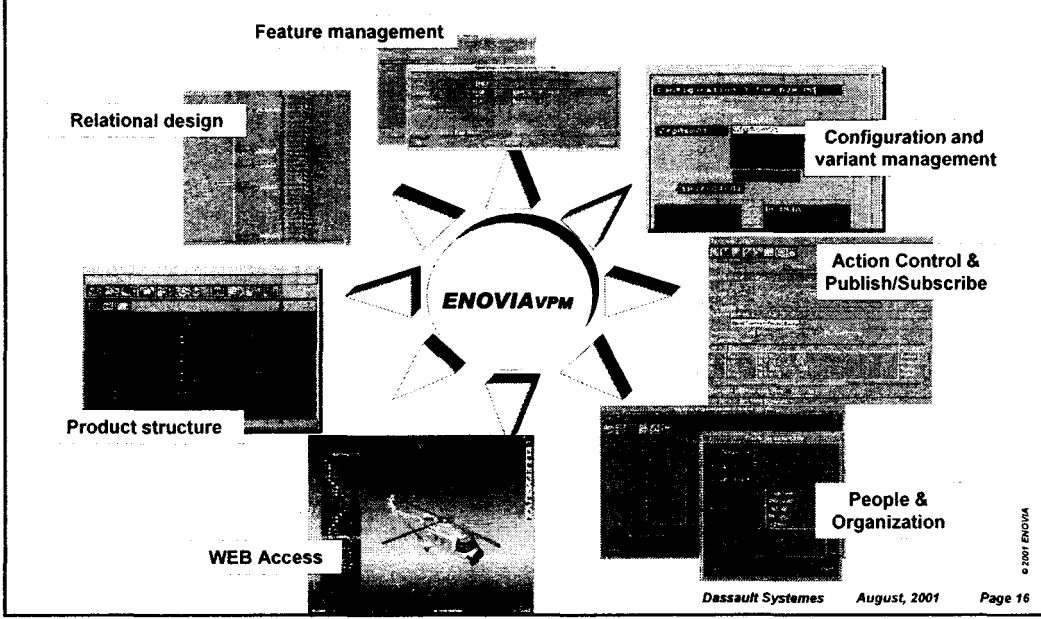
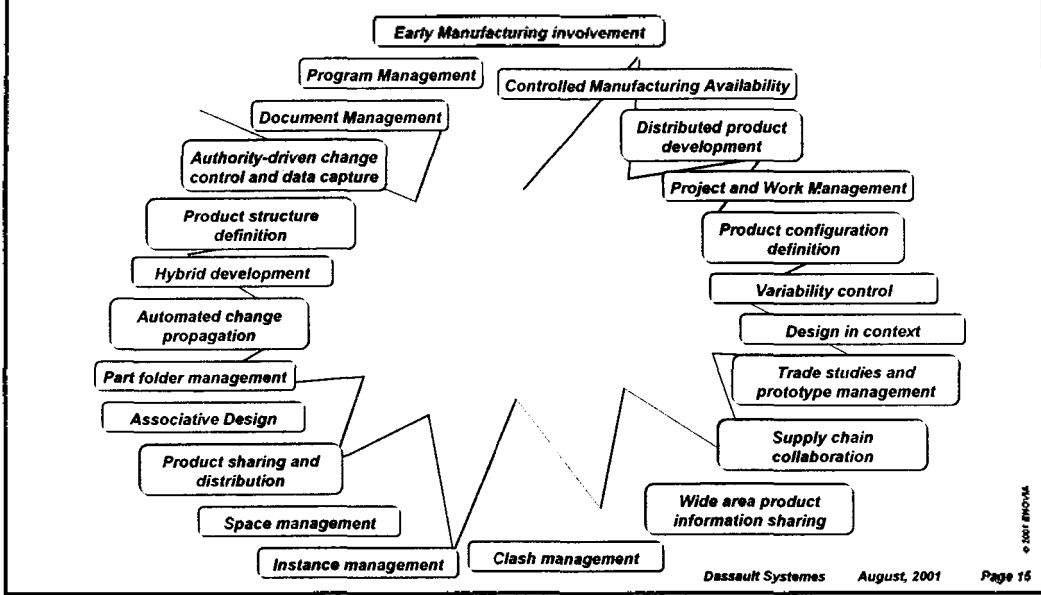
- Rich data model (PPR) enabling tight integration rather than loose federation
- Critical linkage of Product/Process/Resource
- PPR integration for cross functional information management
- Enterprise wide configuration and process management

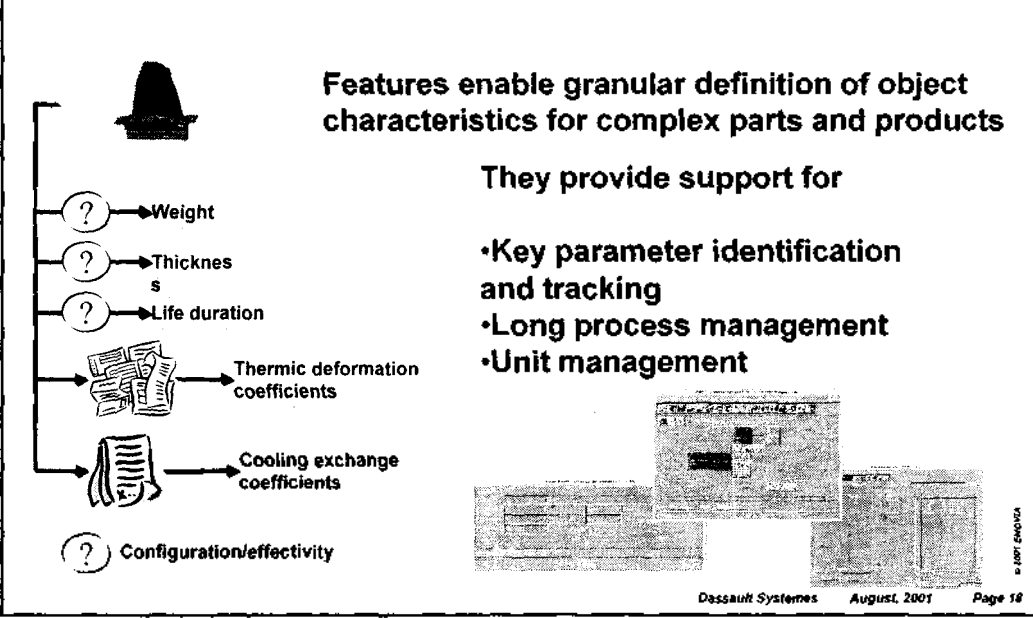
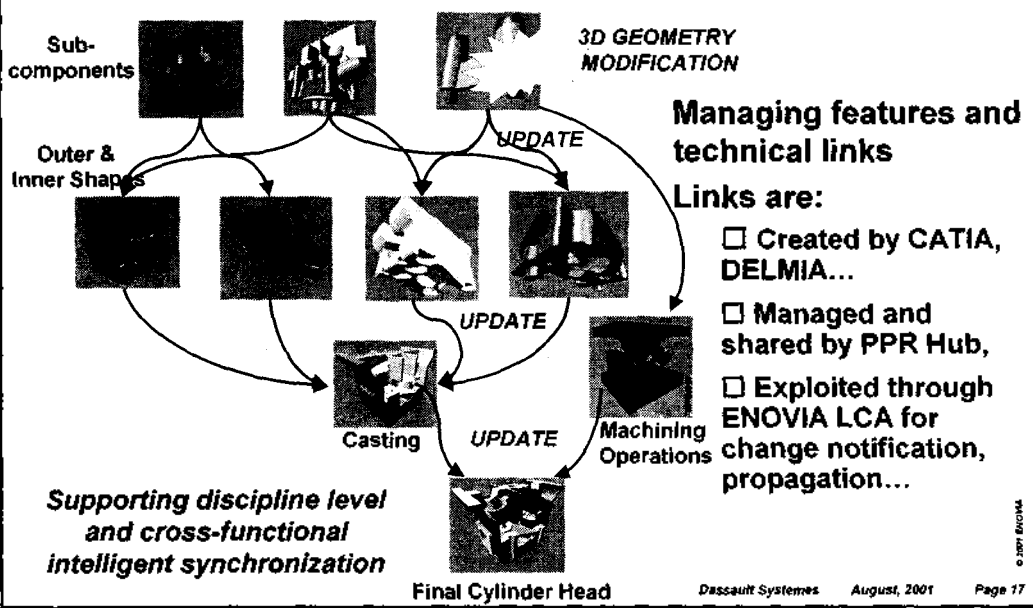


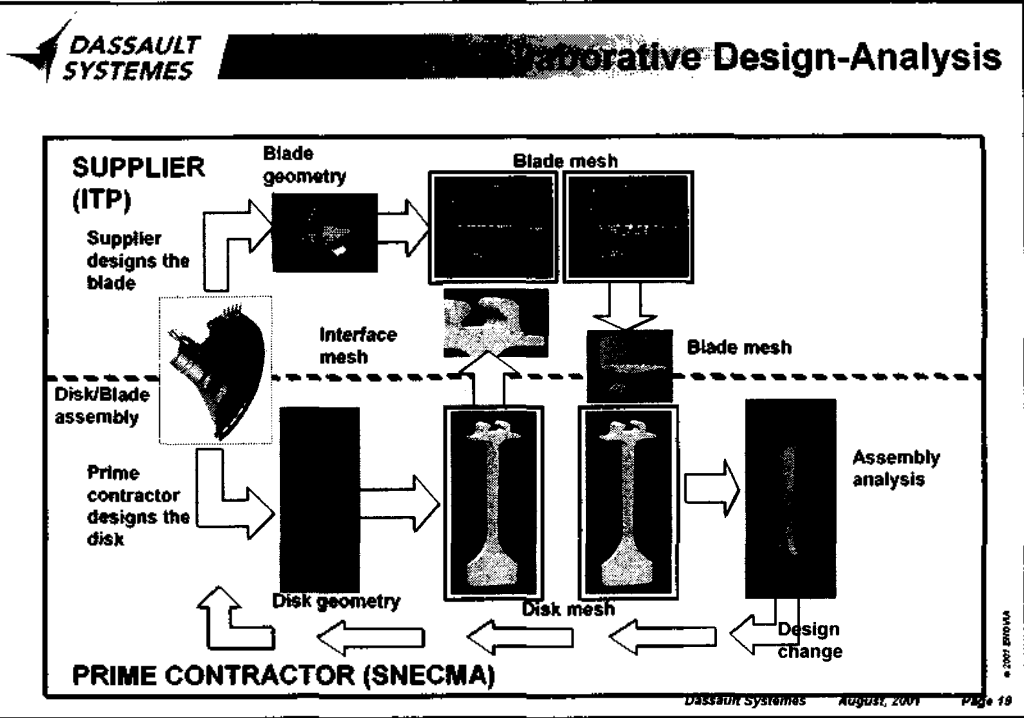


II. Solution

**From Best Practice
to VPM
to Portal
to Smarteam
to LCA**







DASSAULT SYSTEMES **Integration with authoring tools -> PPR**

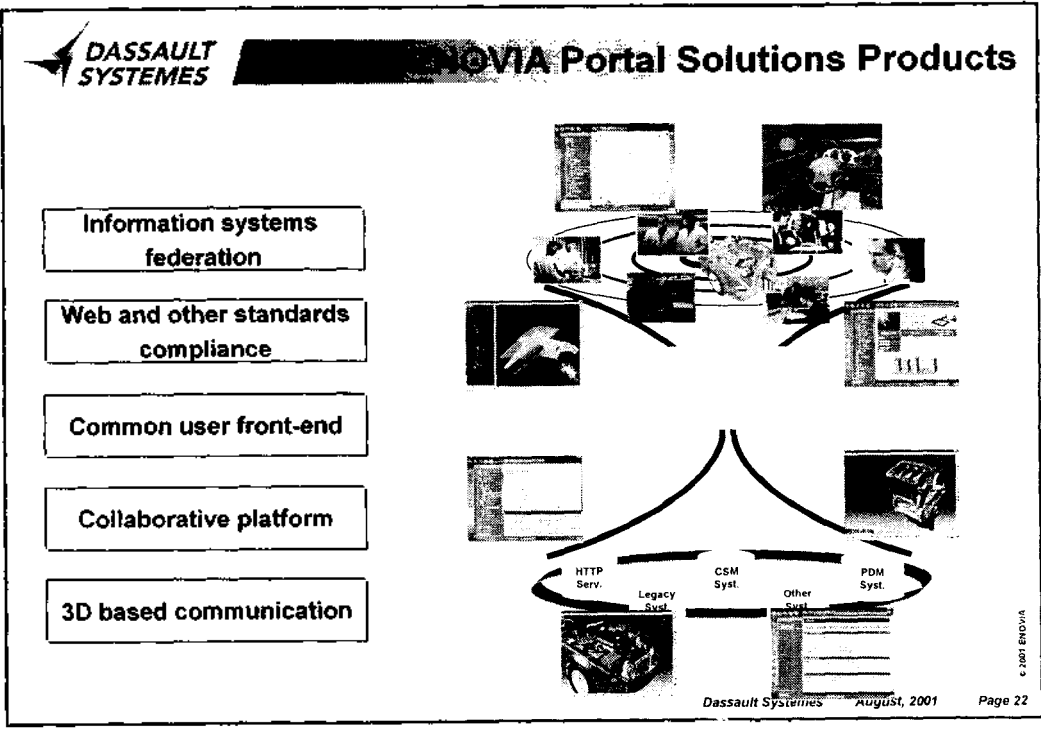
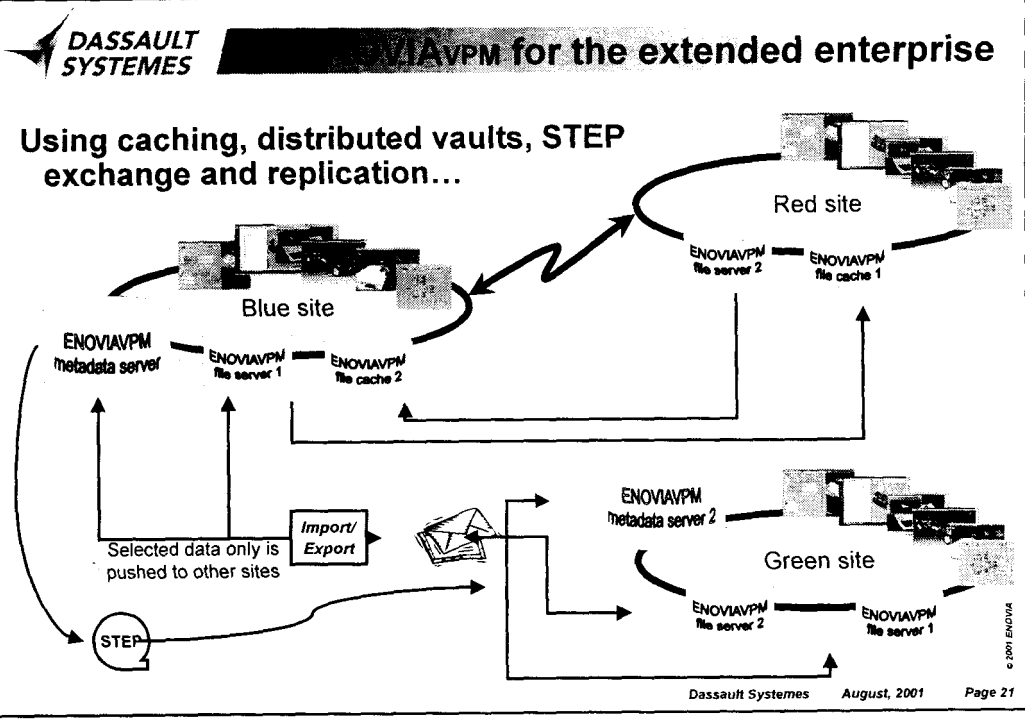
Enabling transparent in context definition of:

- Product data
- Process data
- Resource data
- Requirements specs
- Associated docs

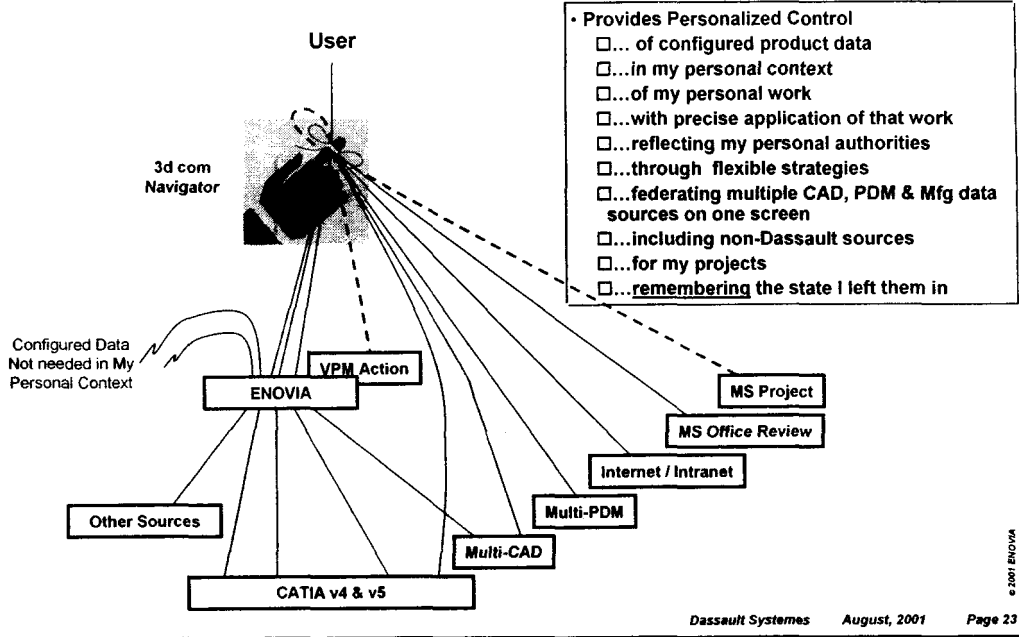
...with the appropriate authoring tools

- CAx (mech, elec, eng.)
- Digital manufacturing
- Office applications

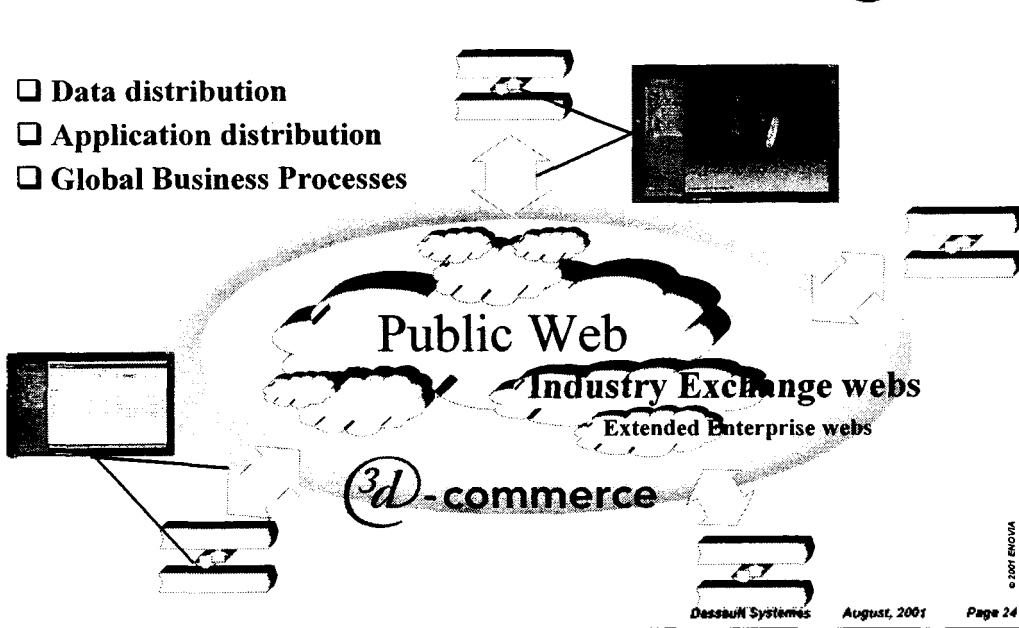
Dassault Systemes August, 2001 Page 20

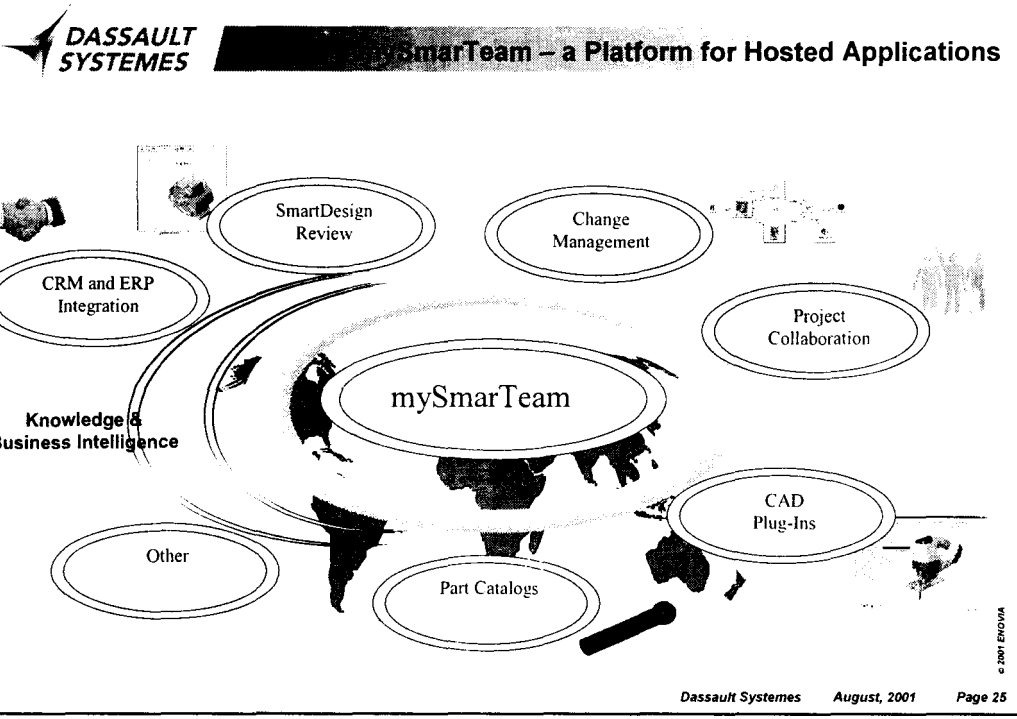


Unique Value - Personalization



Digital Enterprise ^{3d} Portal





DASSAULT SYSTEMES **mySmarTeam - home page**

The screenshot shows the mySmarTeam home page interface with several callouts highlighting key features:

- View your latest processes:** A table showing process details for Project K303.
- Last five objects you have worked on:** A list of recently used objects.
- News related to community projects:** A section for project-related news.
- Quickly view your most frequently used documents:** A section for frequently used documents.

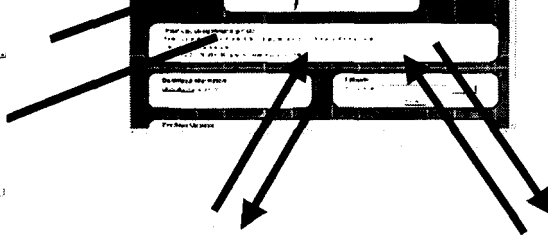
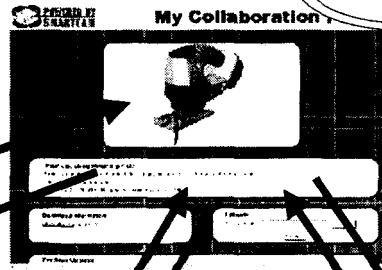
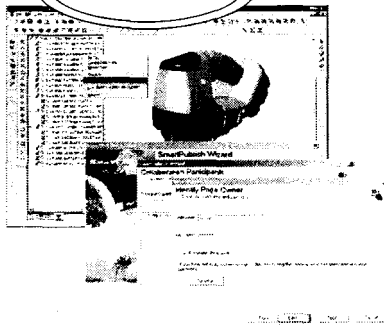
Name	Received	Front
Process:000011	05/07/2000 11:59:00	Start Node
Process:000012	10/09/2000 11:59:00	Start Node
Process:000013	10/09/2000 11:59:00	Start Node

Name	Description
AGAD00012-650	Board drawing
PCAC-PR-1-20	Roll 10740
SLQAS2-770	Top Level Assembly Special Pricing
eDRW-460	SW eDrawing Part #452

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CAD Plug-Ins

Published site



**SmartBriefcase (SmartBOM)
: e-Supply Chain Solutions**

SmartBOM

A revolutionary, easy-to-use solution, enabling electronic BOM creation and collaboration within the enterprise and across the supply chain, for efficient product life cycle management

- Self-extracted
- Zipped
- Contains SmartBOM Editor/Viewer
- BOM information
- iXF format

SmartBriefcase (SmartBOM)

Product Structure Data Model

& Changes Scenarios

- Multilevel BOM Structure
- Single Level Part Lists
- Summary BOM Structure
- Vendor Catalog Parts Definition

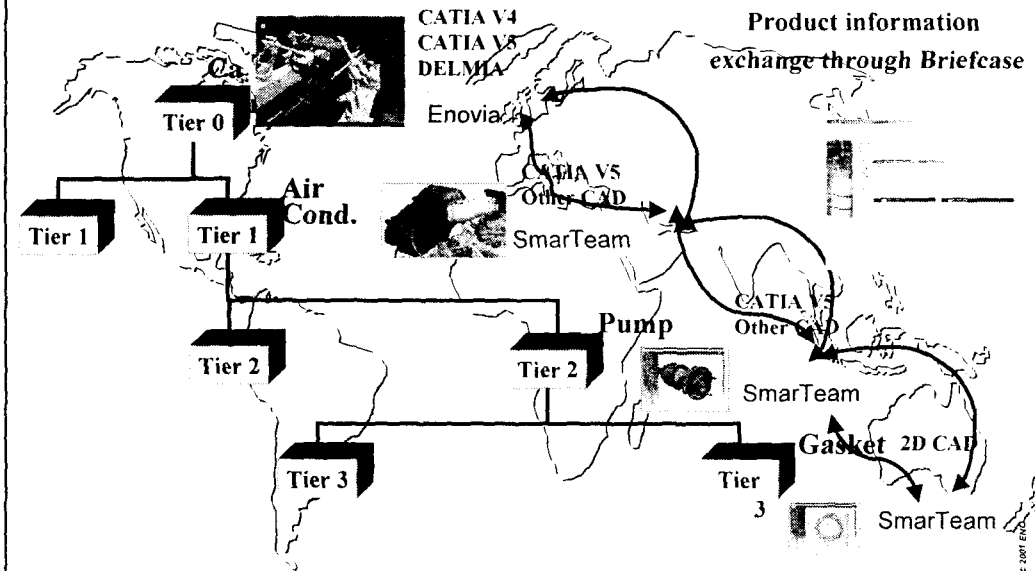
Document Referencing:
Distribute referenced documents inside the e-BOM package

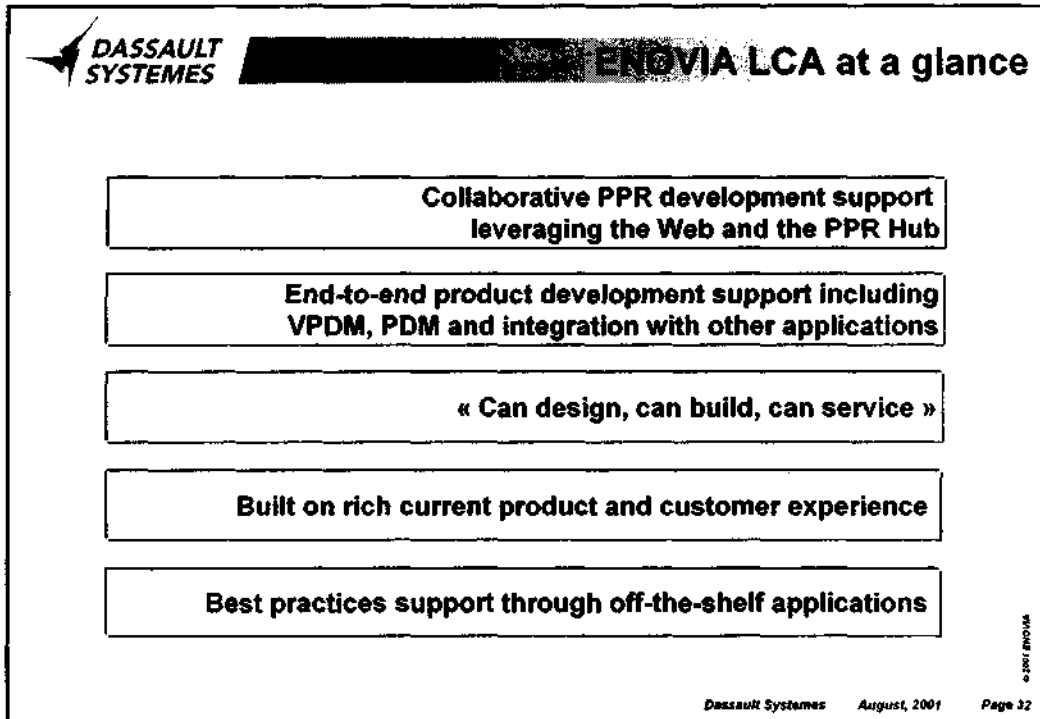
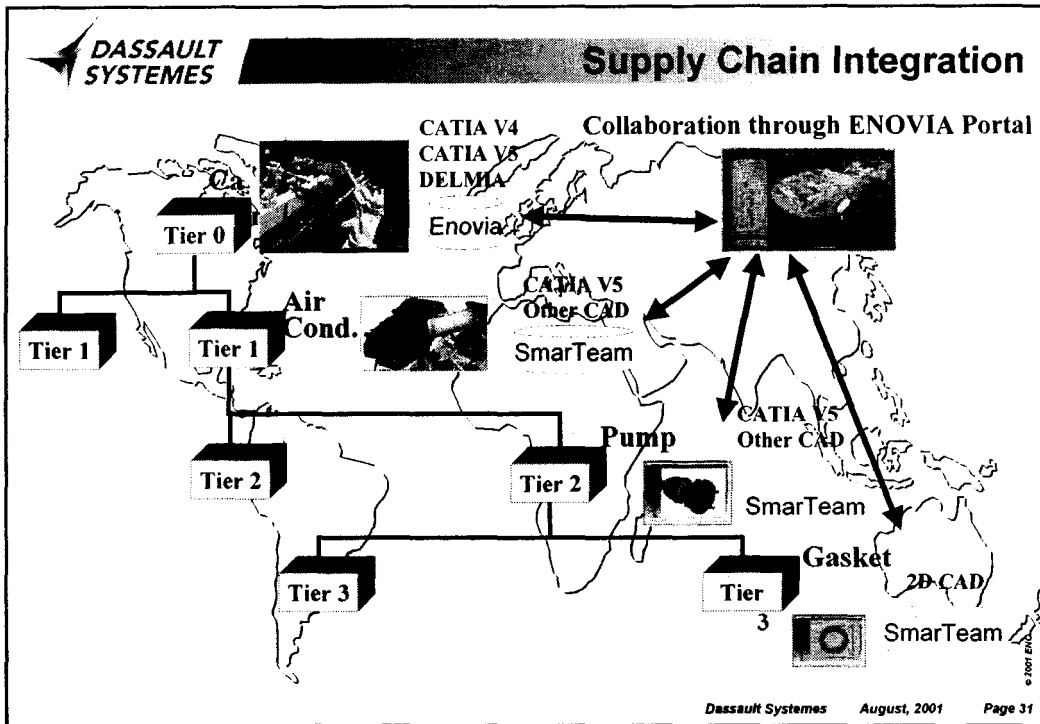
BOM Compare : Compare two different BOMs or two different revisions of the same BOM

Collaboration:

- Consolidation : Merge 2 e-BOM packages
- Synchronization : Synchronization eBOM package back into SmarTeam database

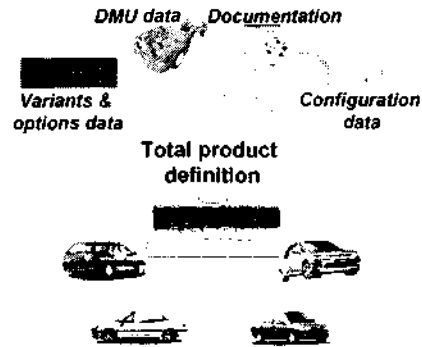
Supply Chain Integration





A global solution to model (VPDM) and manage (PDM) all aspects of a product:

- Specifications,
- Structures and views,
- Configuration,
- DMU,
- Associated processes,
- Associated resources,
- Related documentation,...



PPR Hub enables :

- Automated change propagation
- Concurrent product-process development
- Lifecycle level configuration management

...by providing:

- Rich, manufacturing oriented object model
- Linkage of PPR information
- Configuration and process modelers,...

