

3DEXPERIENCE

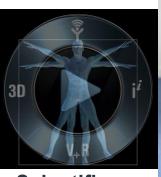
Do Offshore Assets have a Lifecycle? Let us explore how PLM technology can be used to manage the data

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Dassault Systèmes



a Scientific company

Combining Science, Technology and Art for a sustainable society

Forbes[°]

31# (total) 3# (software)



11,000 passionate people

- 106 nationalities
- One global R&D/36labs
- Game changing **3D**EXPERIENCE solutions

170,000 enterprise customers

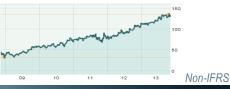
- 12 industries in 140 countries
- >10 million on premise users
- >100 million online users

3,500 partners

- Research & Education
- Software & Technology
- Sales & Services

Long-term driven

- Majority shareholder control
- Revenue: \$ 2.6 Bn*
- Operating margin: 31.6%*







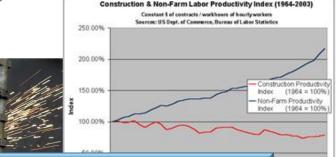
Our **3D**EXPERIENCE **PLATFORM**

World leading solutions



IF WE ask the right questions we can change the world.

We need to be more cost effective



...while accepting no compromise on quality and safety



Konsernsjef Ståle Kyllingstad i IKM Gruppen går i rette med Statolls bruk av utenlandske leverandører, her med sveiser Shehzad Mehmood og avdelingsleder Sigve Norberg i IKM Gruppen. Foto: Tomas Alf Larsen

Foto: Grethe Nvdaard

Kyllingstad raser mot Statoil

Norsk industri har mistet 5 av 5 prestisjeprosjekter





Product Lifecycle Management (Wikipedia)

In industry, **product lifecycle management** (**PLM**) is the process of managing the entire lifecycle of a product from its conception, through design and manufacture, to service and disposal. PLM integrates people, data, processes and business systems and provides a product information backbone for companies and their extended enterprise.





FWE ask the right questions ve can change the world.

What does a Product Lifecycle Platform provide today ?

- An environment where all disciplines share data around a product or project A single point of access to the right information – accessible all around the world based on optimized web technology
- Global standardization of processes
- On-line, direct available data
- Integrations and connection to authoring tools
- Openness and connectivity to other enterprise systems



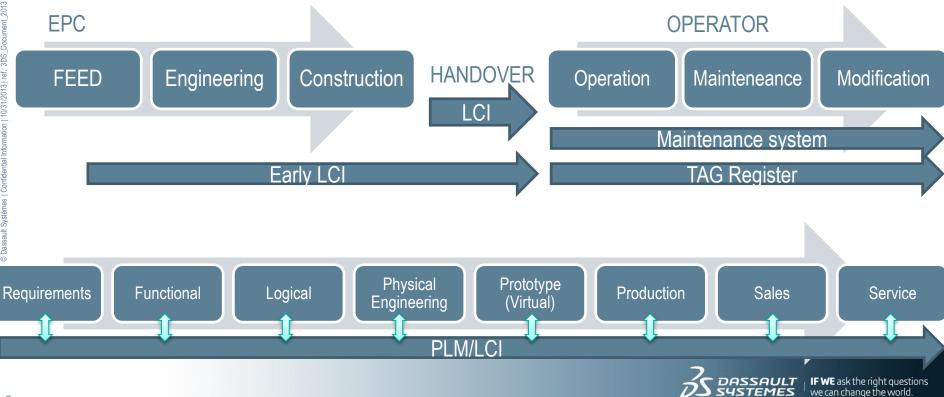








A honest attempt to compare LCI (as defined within Oil and gas) to PLM (as defined by other indutries)



Product Lifcycle Management (Oil and Gas)





Asset Lifecycle Management





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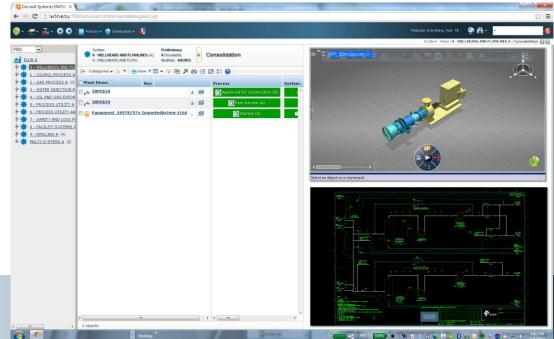
Benefits of the PLM approach

- One source of truth
- Full tracability of changes and desitions
- Ability to gather data from other systems (ERP/project/CAD)
- ► Independent of the authoring tool Data/information is the important part
- Integrated cross disipline Change Managment
- LCI becomes a ongoing process, not a activity during handover
- Global colaboration (ENOVIA) Multi site Engineering/Construction



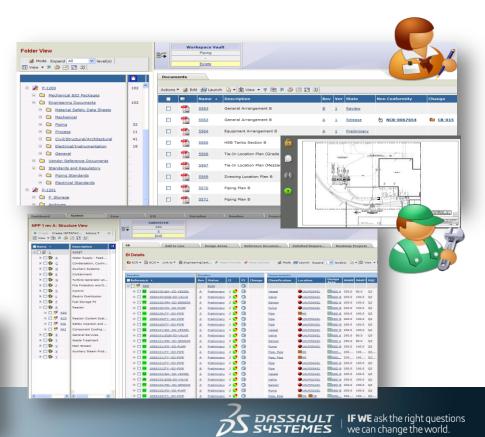
Advanced viewing of TAGs and documents

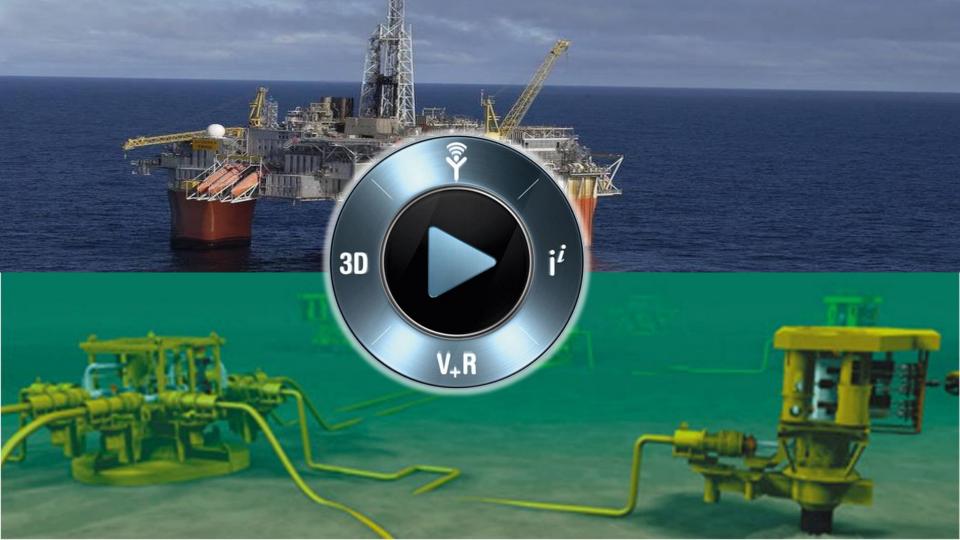
- Support for multiple 2D and 3D formats
- Cross referencing of data: P&ID, 3D, documents
- Mulitple structures
 - ⊳ PBS
 - ⊳ WBS
 - ▷ Line Lists
- Document centric views



PLM Technology: Roled based interface



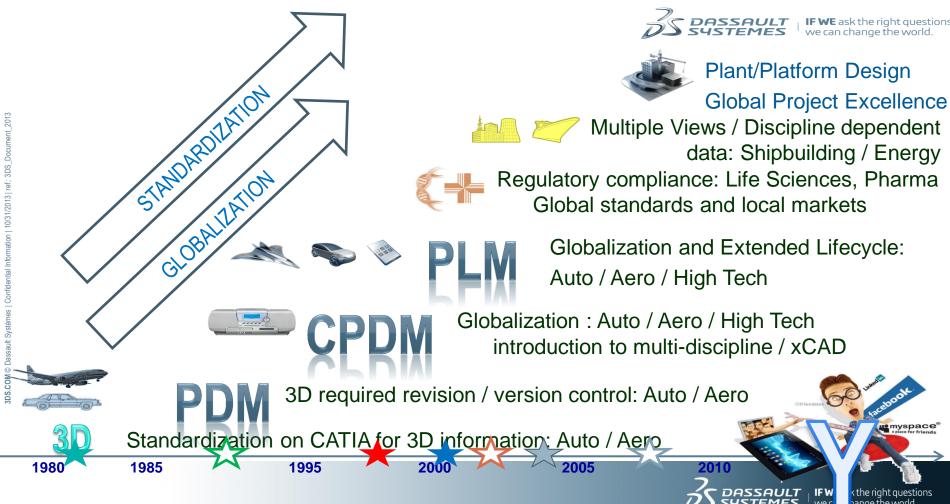










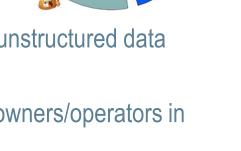


Our approach

- Based on 30 years of experience in other industries, we provide a software platform that can provide "the single version of the truth" for all assets and its related information.
- The software platform, the 3DExperience platform, Configuration provides a collection of technologies to provide global access and collaboration, using structured data and unstructured data combined in a single environment.
- Since 2008, we have started providing this environment to owners/operators in an Asset centric approach for the Energy related industries.



Zone



Project

System





