

2004 FIATECH Spring Meeting



AVEVA Burns & Roe
 DuPont 가
 60 "Smart Chip"
 90
 1.7% RFID
 0.5%
 FIATECH (Fully "Interoperability"
 Integrated Automated Technology)
 30-40% 30-40%
 가 1999
 CII Breakthrough Committee 가
 NIST(National Institute of Standards and Technology)
 CII
 NIST
 SEMATECH NCMS(National Center for Manufacturing Science) 1. Smart Chip
 :
 (Engineering/Procurement/Construction Firms), (Universities), Chip (RFID, GPS, Sensors)
 (Technology Developers),
 (Owners), (Supply Chain),
 (Research Institutes) (Operation) 가
 Bechtel, DuPont, Fluor, Intel, Jacobs
 NIST FIATECH
 FIATECH
 가
 FIATECH
 2004 Spring Meeting
 Delaware Wilmington , ,
 2004 4 6 7 Intel
 Delaware 가
 Wilmington DuPont
 가



1. RFID Test bed (FIATECH)

가
가
Design Automation
가
3-D Simulation,
Visualization
PDM(Product Database
Management)

RFID

Web

가 SOA(Service Oriented Architecture)

Interoperability

2. "Interoperability"

Web

XML

3.

Spring Meeting 가

Open System

EPC(Engineering

Procurement Construction)

Meridian Project System

CEO

Open system

?

가?

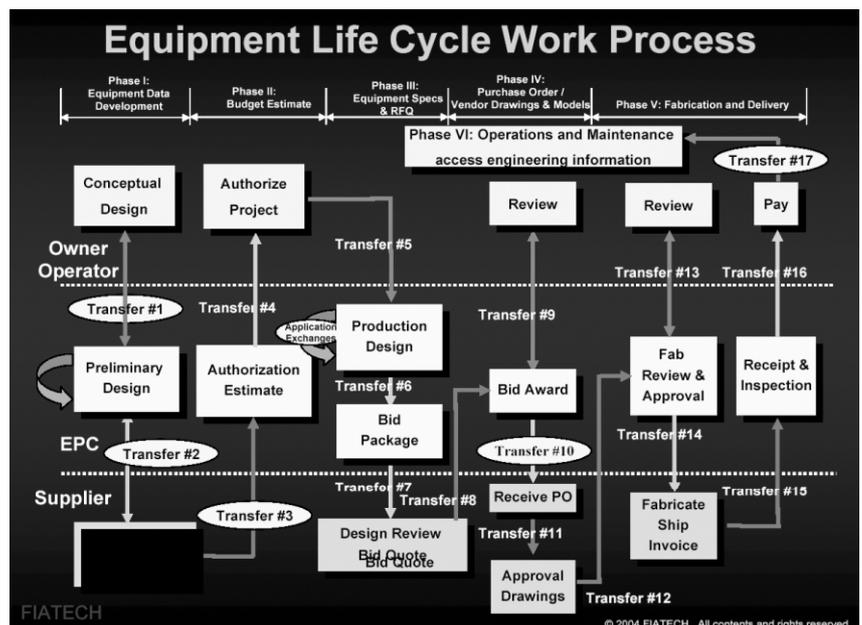
R&D

가

가?

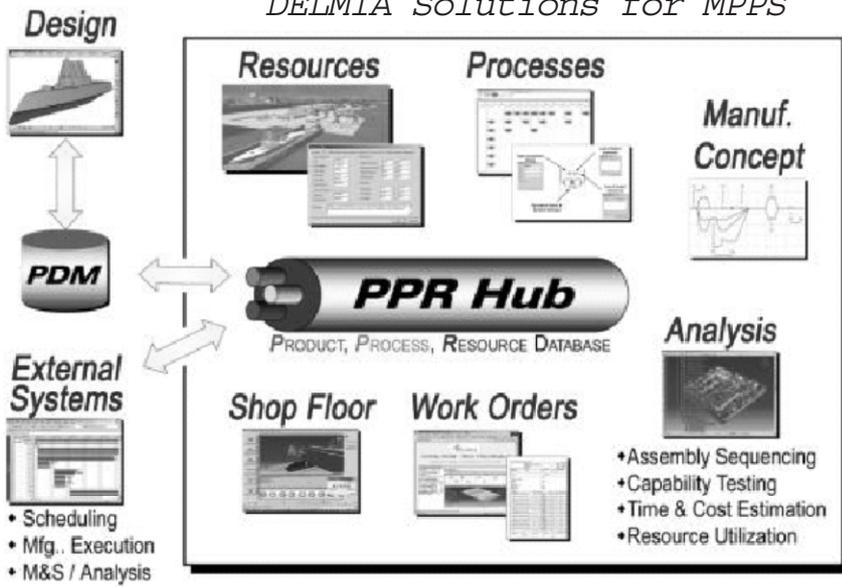
EPC

XML



2. Equipment Life Cycle Work Process (FIATECH)

DELMIA Solutions for MPPS



가
FIATECH

(IT Integration)

가

3. DELMIA Solutions (NAVY)

2001 CEO John Bodrozic, Primavera
CEO Joel Koppelman
IT

(Technology

"

Developers)
가

가?"

가
가

70

FIATECH

(3
Chip)

Smart

Technical Roadmap(TRM)

가

가

Bentley CEO Greg
Bentley Meridian Project Systems

IMF

Roadmap

TRM

가

Market Roadmap Product