JT USE-CASES @BOSCH

5. JT DAY AT DAIMLER AG
5. JT Day at Daimler AG

Agenda

- Bosch – a global network: Four business sectors
- Bosch Key figures 2018
- Use-Case: Cross Domain and Cross Division Usage
- Use-Case: Supplier Integration (Data to the Customer)
- Today’s Challenges: Handle multi-cad environment
- Today’s Challenges: Usage in the downstream processes
- Importance of JT
5. JT Day at Daimler AG
Bosch – a global network: Four business sectors
5. JT Day at Daimler AG

Bosch Key figures 2018

Bosch Group

- € 78.5 billion euros in sales
- € 6.0 billion euros invested in R&D
- 409,881 associates
- 268 manufacturing sites

Mobility Solutions

- One of the world’s leading providers of mobility solutions

Industrial Technology

- Leading in drive and control technology, packaging, and process technology

Energy and Building Technology

- One of the leading manufacturers of security and communication technology
- Leading manufacturer of energy-efficient heating products and hot-water solutions

Consumer Goods

- Leading supplier of power tools and accessories
- Leading supplier of household appliances

* Figures adjusted for extraordinary effects resulting from changes in the consolidated group and methodological changes and depreciation and amortization resulting from purchase price allocation.

Share of sales

- 60%
- 40%
BOSCH – JT Use Cases
5. JT Day at Daimler AG
Use-Case: Cross Domain and Cross Division Usage

History
- Introduce TCV® as standard in 2005 ... for viewing of Engineering data
- Define JT Format as preferred in 2013 ... for product documentation
- Introduce JT for supplier integration ... in cooperation with Daimler

Today
- Use JT in all divisions ... ... and cross domain ... about 50,000 TCV® end users

TCV is a registered trade mark of Siemens
5. JT Day at Daimler AG

Use-Case: Supplier Integration (Data to the customer)

- NX is a registered trade mark of Siemens Industry Software Inc.
- Creo is a registered trade mark of PTC Inc.
5. JT Day at Daimler AG

Today’s challenges: Handling of multi-cad environments

Situation:
- Divisions using different, but preferred CAD systems
- Resulting in issues in the cooperation

Approach for solution:
- Defining a default process
- Using JT as a standard

- Teamcenter is a registered trade mark of Siemens Industry Software Inc.
- NX is a registered trade mark of Siemens Industry Software Inc.
- Windchill is a registered trade mark of PTC Inc.
- Creo is a registered trade mark of PTC Inc.
5. JT Day at Daimler AG

Today’s challenges: Usage in the downstream processes

Data Creation  Data Availability  Data Utilization

- CMM Devices
- CAM Environment
- CT Scanner

Advanced design methods 3D Master Model (Geometry + PMIs)

- NX is a registered trade mark of Siemens Industry Software Inc.
- Creo is a registered trade mark of PTC Inc.

Provision JT as common neutral data format for seamless consummation in the product live cycle
5. JT Day at Daimler AG

Importance of JT

JT in the Bosch world achieving continuous seamless processes

The ISO standard JT format is a key component of our IT engineering landscape

JT

AR/VR
Simulation
3D Printing
Model Exchange
Connected Industry
Mobile Devices
CLOSING THE CIRCLE
ENGINEERING DATA FUELING A CONNECTED COMPANY
THANK YOU

Alfred Eckrich
Product & Data Management for PLM & Engineering (CI/DAP52.4)