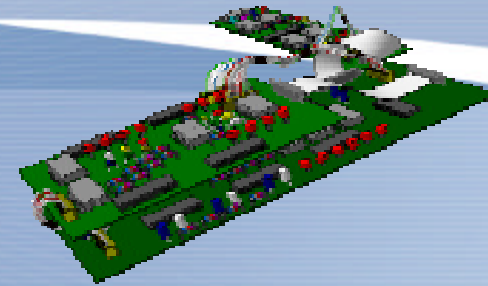


Electronics Industry V5R11 Release Value

Yannick Wittner, Dassault Systemes
Bob Nguyen, IBM



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V5R11 - Key Highlights for Electronics

COLLABORATION

- **SMARTTEAM BOM enhancements**
 - Pre-defined template to enable quick SMARTBOM configurations according to specific business rules (attribute & column names, pre-defined filters, etc)
 - Ability to map additional link attributes
- **Pre-defined methodology templates**
 - Methodology guide for collaborative CAD design, CATIA, Inventor 6, and Solidworks integration
- **Multi-level workflows and notification/alerts**
 - Multi-level WorkFlow enables automation of the most complex business processes
 - Ability to cc: user enables enhanced visibility for all users at any stage of the WorkFlow process
 - Task completion notification
- **Enhanced IT integration capabilities**
 - SMARTTEAM Web Editor runs on top of Websphere Application Server enabling full text search, filtering on tree, and design collaboration with community workspace
 - Full integration with SMTP (UNIX msg system)
 - Ability to authenticate ST user against LDAP server
- **SAP classification support (Gateway)**
 - SMARTTEAM - SA Adapter now supports SAP classification, enables the product to transfer SAP information records , classification dates to Item Masters and Documents.

ENGINEERING

- **CATIA V5R11 Styling and Shape design**
 - New advanced shape modeling capabilities: easy product deformation, tolerant loft + fill, filleting enhancements
 - Shape Sculptor for fast styling studies
- **CATIA V5R11 Sheetmetal**
 - New optimized sheetmetal environment: null bend radius, update 10X faster
- **CATIA V5R11 3D Documentation**
 - Advanced Dimension and Tolerancing for paperless and integrated design to manufacturing process
- **CATIA V5R11 for Analysis**
 - Advanced solid meshing
 - Generative dynamic response analysis
- **Integrated Product Development**
 - Unified product structure navigation NC/Library/Analysis/Electrical/Knowledge data access
 - Pervasive document access from CATIA workbenches to SMARTTEAM database (example: Sketch tracer and SMARTTEAM integration).

V5R11 – Value for Electronics Industry

■ SMARTEAM for enhanced network supply chain integration

- Reduced TTM from an enriched integrated multi-discipline collaboration
- Increased engineering productivity from advanced Bill Of Material enhancements & multi-level workflows
- Greater ability to integrate with complex IT environments and distributed / global organizations

■ CATIA V5R11 for Industrial Design

- Leverage Innovation through advanced Styling and Shape design
- Reduce design time with breakthrough sculpting technology that enable fast and easy modification of a concept design

■ CATIA V5R11 for Mechanical Design

- Ensure “first-time-right” for manufacturing with enhanced sheetmetal capabilities
- Drive deployment by enabling documentation and use of 3D as reference model through FTA integration with tolerance and generative creation of dimensions

■ CATIA V5R11 for Analysis and Simulation

- Rapidly and effectively generate advanced finite element models for complex solid parts
- Provides designers with easy interactive functions to predict and analyze the dynamic response of a system

■ Integrated Product Development

- Optimized product development through fully integrated multi-disciplinary product & process reference source
- Ensure quality and reduce delays of product development due to seamlessly integrated design (CATIA) and product data management (SMARTEAM)