SRX - Supplier Requirements eXchange
Supporting the Digital Transformation of Model-Based Engineering

DIGITALLY COLLABORATE & DESIGN

The Supplier Requirements eXchange (SRX) platform enables innovative, affordable, and value-driven Aerospace, Defense, Naval & Maritime, and Manufacturing product designs through collaborative supplier design requirements. It is an interoperable environment enabling collaboration between OEMs and their suppliers. SRX revolutionizes the method for packaging requirements and exchanging engineering models, while maintaining configuration control and digital thread integrity.

GLOBAL COLLABORATION PORTAL
- Model-Based Systems Engineering
- Requirements Management Configuration Control
- Collaboration Workspace - Customer / Manufacturer / Supplier

DATA PROTECTION & VERSION CONTROL
- Secure Data Exchange and Data Loss Prevention
- Digital Signatures and Authentication
- Data and Document Version Control

DATA VISUALIZATION & ANALYTICS
- Use Metrics to Create Quality Data Relationships to Requirements
- Customized Group and Program Metrics and Reporting
- Advanced Analytics and Machine Learning

COMPLIANCE CONTROL MANAGEMENT
- Export Controls
- Traceability / Compliance Tracking
- DFAR / FAR
- Verification / Validation

LEVERAGE EXISTING SYSTEMS
- Integration to PLM and ERP Systems
- Product Design and Model-Based Collaboration
- Unified Authoritative Data Source

Supplier Requirements eXchange
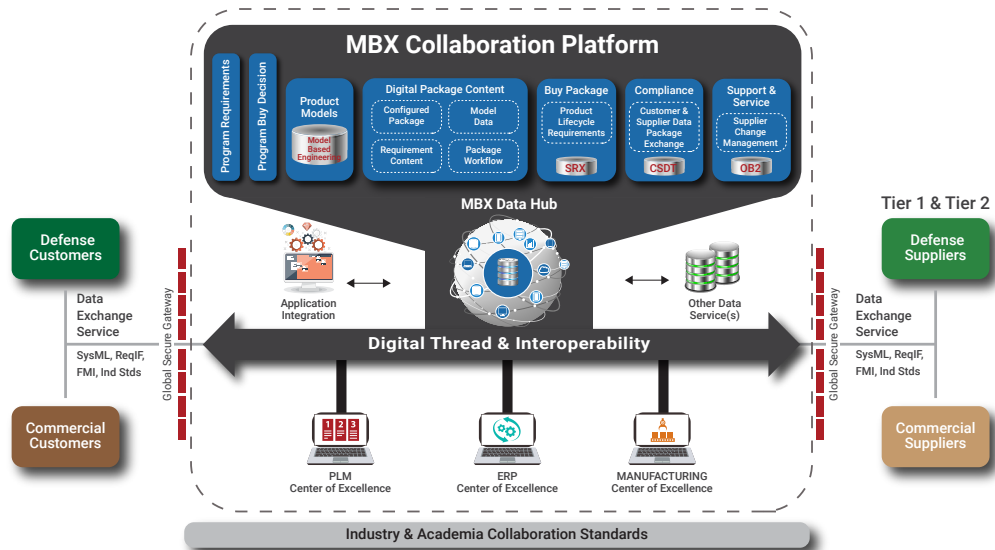*Supporting the digital transformation of model-based engineering.*

SRX has revolutionized the method for packaging requirements and exchanging engineering models, while maintaining configuration control and digital thread integrity.

LEVERAGE MODEL-BASED DATA

With SRX, you can accelerate digital transformation throughout the business. SRX supports Model-Based Systems Engineering (MBSE) and establishes metrics for managing requirement first pass quality.

1 Structured design requirement packages managed electronically.

2 Interactive exchange of design requirements with Partners and Suppliers.

3 Verification & Validation to meet regulatory agency compliance.

DIGITAL SUPPLY CHAIN INTEGRATION

The SRX application provides a digital collaboation ecosystem for design requirements and enables innovative, affordable, and value-driven product design across a digitally integrated supply chain.

- Model-Based Systems Engineering (MBSE) interoperability support
- Single-source data and baseline metrics for requirement cost and quality improvements
- Visibility of requirements performance relative to product milestone completion
- Digital requirements reuse
- Collaboration to validate and verify requirements

- Mitigates cost overruns due to requirement quality and defects
- Engineering requirements development cycle time reduction
- Establishes metrics for managing requirement first pass quality
- Improves requirement quality by using Structured Requirements
- Customizable digital workflow engine

LET'S GET STARTED

To get more information about SRX, contact us at AT-services@talisentech.com.

For more information on SRX, visit us at https://www.talisentech.com/markets/at/