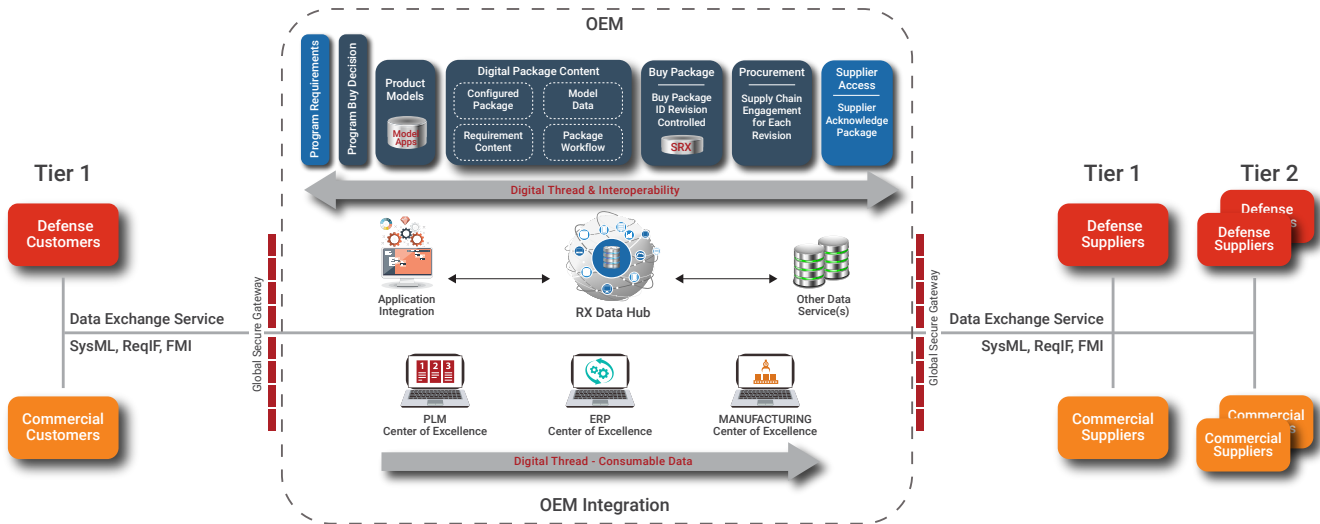# SUPPLIER REQUIREMENTS EXCHANGE (SRX)

*Supporting the Digital Transformation of Model-Based Engineering*

## ADVANCING MODEL-BASED SYSTEM ENGINEERING

SRX enables innovative, affordable, and value-driven Aerospace product designs through collaborative supplier design requirements.

- 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



## LEVERAGES DIGITAL DATA

Accelerate change throughout the business. SRX supports Model-Based Systems Engineering (MBSE) and establishes metrics for managing requirement first pass quality.

## SUPPLY CHAIN BUY-PACKAGE INTEGRATION

Integration between Design Engineering, Supplier Management and OEM Design Suppliers.

## COST ASSERTION REDUCTION & QUALITY ASSURANCE

The SRX application delivers requirements at a much higher quality; therefore, avoiding costly errors found later.

| ✅ **REQUIREMENT QUALITY & REUSE** | ✅ **ADVANCED ANALYTICS & METRICS** | ✅ **COMPLIANCE CONTROL MANAGEMENT** | ✅ **PRODUCT DESIGN COLLABORATION** |
|---|---|---|---|
| • Improves Data Quality<br>• Reduces Effort for Creation and Review<br>• Takes Advantage of Previous Requirement Definition<br>• Reduces Assertion Costs | • Use Metrics to Create Quality Data Relationships to Requirements<br>• Customized Group and Program Metrics and Reporting | • Export Controls<br>• Traceability<br>• DFAR/FAR<br>• Compliance Tracking<br>• Verification/Validation | • Model-based Systems Engineering<br>• Buy-package Management<br>• Configuration Control<br>• Collaboration Workspace |

## SUPPORTS SYSTEMATIC GENERATION

The application provides supplier design requirements and enables innovative, affordable and value driven aerospace product designs.

- Suppliers can access SRX without costly licensing fees
- Supplier collaboration in a shared environment
- Establishes metrics for managing requirement first pass quality
- Improves requirement quality by using Structured Requirements
- Aligns with Boeing Enterprise Model-Based Engineering initiatives

For more information, go to https://www.mysuppliernet.com