TADA
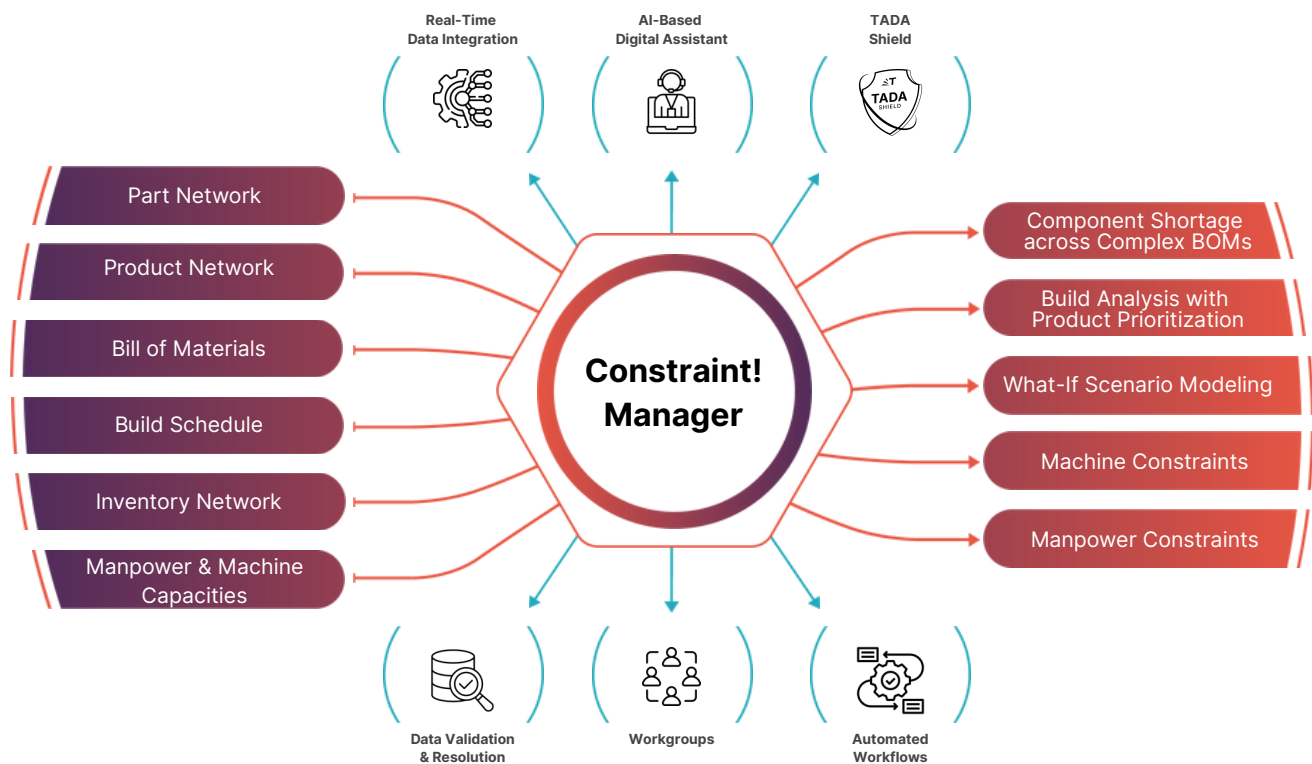Transforming Supply Chains with **Digital Duplicate**®

Constraint! Manager Enterprise App

Gain comprehensive, real-time visibility into production build readiness by continuously monitoring component availability, work order status, and resource allocation. Proactively identify emerging production constraints and initiate workflows to prevent delays. Enables manufacturing teams to maintain schedule adherence, optimize throughput, and ensure seamless coordination across supply chain and production operations.

Business Challenges

1. Siloed data reduces visibility across operations.
2. Reactive problem solving to changing schedules and inventory levels.
3. Lack of tools to identify gaps and errors in data.
4. Production/manufacturing build throughput constraints
5. Inability to proactively respond to changes in demand.

Real-Time Data Integration • AI-Based Digital Assistant • TADA Shield

Part Network • Product Network • Bill of Materials • Build Schedule • Inventory Network • Manpower & Machine Capacities

Constraint! Manager

Component Shortage across Complex BOMs • Build Analysis with Product Prioritization • What-If Scenario Modeling • Machine Constraints • Manpower Constraints

Data Validation & Resolution • Workgroups • Automated Workflows

15%-25%
Increase in Throughput

10%-20%
Reduction in Inventory

15%-30%
Improvement in On-Time-Delivery

Use Case	Product Planner	Operations Manager	Supply Chain Manager	Purchasing Manager
Component Shortages	⊘	⊘	⊘	⊘
Build Analysis	-	-	⊘	⊘
What-If Scenario Modeling	⊘	⊘	-	-
Machine Constraints	⊘	⊘	-	-
Manpower Constraints	⊘	⊘	-	-

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