PRG
PRODUCT REALIZATION GROUP

Agentic AI

New Product Development & New Process Innovation

OVERVIEW

Intelligent software agents that autonomously execute complex business processes, learn from interactions, and continuously improve operational efficiency.

KEY OPPORTUNITY

Enterprises are seeking intelligent automation to transform complex business processes, reduce operational friction, and enable teams to focus on strategic work rather than repetitive manual tasks.

Core Capabilities

- **Autonomous Execution with Human Oversight**
  Agents execute workflows autonomously with humans in the loop for decisions and approval
- **Multi-Agent Coordination**
  Collaborate on complex processes spanning multiple domains
- **Real-Time Learning**
  Adapt and improve performance from every interaction
- **Enterprise Integration**
  Seamlessly connect to existing systems and APIs

Target Use Cases

Product Lifecycle Management

Design tracking, version control, compliance documentation, stage gate management

Change Control

PLM integration, impact assessment, approval workflows, implementation tracking, rollback management

Manufacturing Operations

ERP integration, planning, reconciliation, materials management, compliance reporting

New Product Development

Project schedule management, issue tracking, field operations management, cross-functional coordination

Business Impact

35-75%	3-5x	90%+
Reduction in operational costs	Improvement in process speed	Accuracy improvement

Benefits

✓ Operational Efficiency

Automate repetitive workflows and reduce manual effort across teams

✓ Cost Reduction

Lower operational costs while maintaining or improving quality and speed

✓ Improved Accuracy

Eliminate human error and ensure consistent process execution

✓ Faster Decision Making

Enable real-time insights and faster response to business opportunities

Confidential – For Discussion Purposes Only