

Data Continuity and Interoperability

Keeping engineering context connected across the enterprise.

Electronics development is more dependent than ever on integrating hardware, software, mechanical, procurement, and compliance teams. Yet most organizations lack a design solution that can seamlessly and intelligently collaborate across domains, align teams and stakeholders, and manage decisions across the enterprise.

Altium Agile Enterprise provides a connected enterprise platform for electronics hardware development that delivers data continuity and interoperability at scale. The Enterprise Platform acts as the central system of record and system of action for engineering context, keeping design intent, BOM decisions, simulation results, sourcing intelligence, release status, and business data connected across every domain and discipline involved in bringing a product to market. For enterprises managing multiple programs, sites, and teams, that connected foundation is what makes coherent, confident decision-making possible at scale.

The result expands beyond simple integration: **it preserves context, reduces friction, and establishes a reliable foundation for better decisions, from concept through release and beyond.**

Technical Perspective

Data Continuity and Interoperability is a core technical aspect of the enterprise platform because it keeps engineering context connected as work moves across domains, disciplines, and enterprise systems — bridging ECAD, MCAD, simulation, PLM, ERP, sourcing, and manufacturing so work can proceed in greater alignment, with fewer handoffs and a more complete view of the product lifecycle.

Engineering and Planning

Enable effortless integration and collaboration with digital bridges where data stays consistent and accurate between key engineering domains, ECAD, MCAD, Simulation, and stakeholders.

Sourcing and BOM Management

Real-time availability, pricing, lifecycle, and risk insights flow directly into engineering workflows, helping teams identify constraints early and reduce redesign cycles.

Enterprise System Integration

Integrates electronics development with broader engineering and key business systems such as Jira, PLM, and ERP to align key stakeholders and provide visibility across teams enabling better enterprise-wide collaboration and decision-making.

What Data Continuity and Interoperability Delivers

Where engineering context stays connected across tools, teams, and enterprise systems – the enterprise platform is central, acting as the system of record and system of action, keeping: design intent, BOM decisions, simulation results, sourcing intelligence, release status, and business data connected across every domain.

Engineering & Planning	Sourcing & BOM Management	Enterprise System Integration
✓ Requirements Management – Integrates directly into the Altium platform ✓ MCAD CoDesigner – Altium Partners: SolidWorks, Creo, Inventor, Fusion 360, NX ✓ Formal Design Review – Central review capability ✓ Ansys CoDesigner – Bi-directional connection with Altium Designer ✓ Power Analyzer by Keysights - Direct integration with Altium Designer	✓ Sourcing Module – Supply risks, cost optimization, and lifecycle intelligence into the design workflow ✓ BOM Portal – BOM management for review and procurement ✓ Component Intelligence – capabilities and partners supporting core areas of design: Octopart, IHS, SiliconExpert, Z2Data	✓ PLM Integration – Altium Partners: Arena (bi-directional), Duro (bi-directional), Windchill, Aras, Agile, Teamcenter ✓ ERP – Connects systems to live design record through API ✓ Jira – Bi-directional synchronization with the Altium platform

A Platform for Enterprise-wide Electronics Development

Bring intelligence, scale, governance, and extensibility to the way your organization manages electronics development



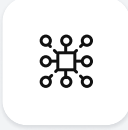
Intelligence

Turn fragmented data into connected context and actionable intelligence. Natively integrating AI with the Enterprise platform will further enhance connected context and actionable intelligence.



Governance

Operate with enterprise-level control, security, and accountability maintaining governance across electronics development, reducing risks, protecting intellectual property, and establishing ownership.



Scalability

Execute at enterprise speed and scale enabling teams across product lines and business units to work through governed processes, connected data, consistent execution, and standardized practices.



Extensibility

Adapt and extend the platform to unique operating models connecting electronics development with business systems, cross-domain engineering, external partners, and enterprise digital thread.