

Rapid PLM for the Semiconductor Industry

Reduce Deployment Time and Cost

With innovation in the semiconductor industry more complex than ever before, leading companies are turning to product lifecycle management (PLM) to drive profitable growth from new products.

A PLM system connects people, data, processes, and systems throughout the design and manufacturing flow. For semiconductor companies this means achieving a single version of the truth for all product information while enabling collaboration with global customers, supply chain and manufacturing partners, and design centers. As a result companies can lower product costs, reduce time-to-market, improve quality and reliability, and ensure regulatory compliance.

To help begin the PLM journey faster and at a lower price point, Kalypso provides clients with a cost-effective alternative to quickly realize the benefits of PLM with Accel for Semiconductor.

Rapid PLM Implementation for Semiconductor

Accel for Semiconductor is a pre-configured PLM solution designed for rapid implementation, enabling companies to **reduce the time, investment and effort to deploy PLM and begin realizing the benefits**. Accel for Semiconductor is built on industry-leading PLM applications including Oracle Agile PLM, PTC Windchill, Dassault Systèmes Enovia, Siemens Teamcenter and Aras Innovator.

Traditional PLM implementations require anywhere from a minimum of 26 weeks to over 40 weeks to deploy into the user community. With Accel for Semiconductor companies can **deploy PLM in 40-50% of that time at 5-15% of the cost**.

Accel Implementation Methodology

The Accel Implementation Methodology is designed to implement PLM as quickly as possible, thus enabling faster realization of business objectives and benefits. Accel for Semiconductor comprehends the product record needs for design, development and manufacturing introduction – whether executed internally or externally by fab foundries and assembly/test sub-contractors – by accelerating innovation and utilizing DFSS (Design For Six Sigma), CMII (Configuration Management II) and PMI (Project Management Institute) practices.

Accel for Semiconductor includes:

Pre-configuration of the client-selected PLM solution:

- Specification templates
- Base data
- Workflows
- Advanced search and reports
- User profiles and privileges based on semiconductor industry best practices
- Data and process scripts that simplify data gathering, population and migration

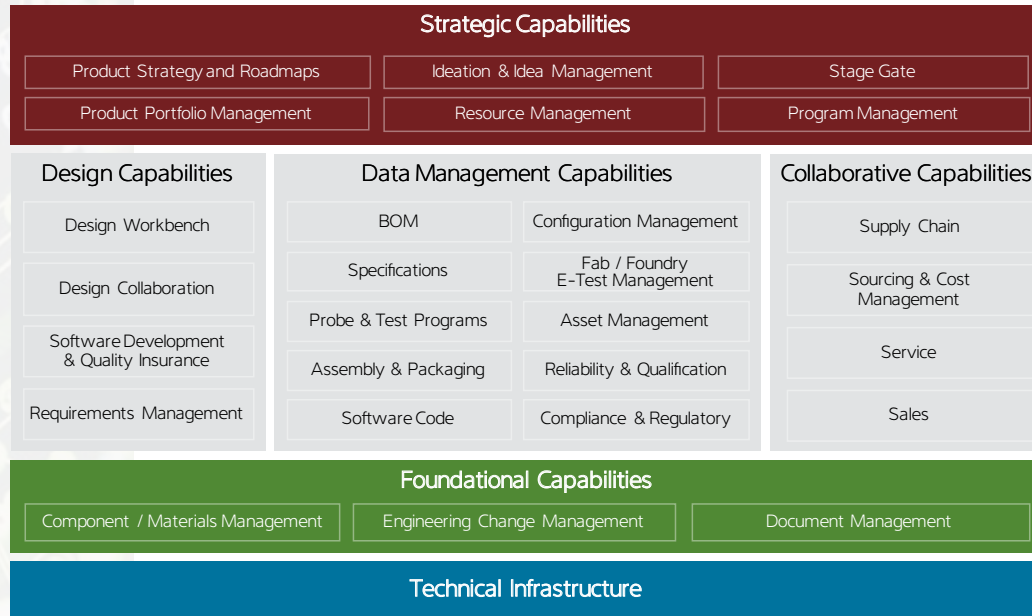
Additional PLM solution functionality available depending on client needs and requirements

Accel Implementation Benefits:

- Reduces setup time and implementation cost
- Minimizes configuration effort
- Aids in rapid business process documentation
- Facilitates user adoption
- Streamlines data migration
- Accelerates the time to business benefit realization

A comprehensive semiconductor PLM solution builds on foundational PLM capabilities to provide a single version of the truth across design, software development, product and test engineering, reliability and quality, and manufacturing partners.

For clients whose requirements extend beyond the baseline solution, Kalypso can provide additional capabilities including process redesign, solution customization, integrations and reports, and change management to drive early stakeholder alignment and faster benefit realization.



Impact Your Business with PLM

By implementing Accel for Semiconductor, your company can **realize significant benefits including:**

- A centralized, single version of the truth for all product data
- Improved collaboration, control and communication of product design, development and engineering change order information
- Improved chip quality, design, development productivity and manufacturability of ICs
- Enhanced design and elimination of rework by enabling input from multiple parties early in the product development process
- Reduced cycle times and time-to-market through standardization of processes and tools
- Immediate access to compliance data

Accelerate Your PLM Journey

If you're interested in learning more about reducing the complexity, time and effort to roll out PLM to your company with Accel for Semiconductor, contact:

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