

Siemens Electronic Board and Systems Consulting Services

Benefits

- System Design Consulting and Methodology
 - Improved workflow and environment
 - Better validation of complex, multi-board systems
 - Improved quality and performance to reduce costs and speed up time to market
- HyperLynx Consulting
 - Deepens knowledge and best use of HyperLynx tools
 - Enables maximum performance
- High Speed Analysis and Methodology
 - Provides guidance to achieve high-speed requirements
 - Finds issues at the point of injection to reduce cost and increase time-to-market

Siemens Electronic Board and Systems (EBS) Consulting Services combine best practices and established technologies that apply to system engineering, data management, analysis, board design flow, assembly and manufacturing.

What do we offer?

To aid in increasing your productivity and profitability, we offer three classes of services:

Consulting offerings provide guidance and strategy to maximize the effectiveness of your design flow.

Methodology services provide consulting and implement automation capabilities within your design flow.

Design services offer expert design analysis functions for the board design process, executed by Siemens EDA experts.

System Design

System design services help customers to achieve technical requirements for all PCB designs. Services include:

System Design Consulting – helps customers get maximum usage from Siemens PCB tools with on the job guidance and training, plus tool and environment optimization.

System Design Methodology – includes assessments and tuning of methodology, optimizing the environment and workflow, and transferring knowledge of the new implementation to the team.



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Benefits *continued*

- EDM Consulting and Methodology
 - Optimizes the data management environment
 - Streamlines management of multi-board environments
 - Enables reuse support
- ValyDate Consulting and Schematic Analysis
 - Enables increased product quality, while reducing iterations and effort
 - Reduces the need for manual inspection and reviews
- Xpedition Consulting and Methodology
 - Creates a full-feature PCB designflow
 - Enables concurrent editing and a central library for component management
 - Provides the foundation to enable high speed simulation and analysis
- Valor NPI Consulting, and Methodology
 - Reduces false DFM violations and manual review time
 - Limits risk by managing design-verification rules
 - Improves reporting and analytics

High Speed PCB

High speed PCB services help customers achieve board design success using proven HyperLynx best practices. Our offerings include:

HyperLynx Consulting – provides personalized guidance and coaching on the customer's design and tool flow to maximize use of HyperLynx products.

High Speed Analysis – performs high speed assessment of the PCB including recommendations and guidance to maximize design performance.

High Speed Methodology – reduces design iterations through automation tailored to the customer's design process, methodology, and flow.

Electronic Data Management

Electronic Data Management (EDM) services help customers increase design productivity through streamlined management of system component data. Our offerings include:

EDM Consulting – provides expert guidance on real-world use of the Siemens EDM library. This service includes coaching, tool optimization, and knowledge transfer.

EDM Methodology – offers collaboration on real world usage, as well as framework implementation, performance of process validation, and assistance on deploying to the team.

Xpedition

These services help customers achieve optimized PCB flows from schematic to package design using the Xpedition. Our offerings include:

ValyDate Consulting – offers knowledgeable guidance on everyday use of Xpedition ValyDate. This service provides tool and environment optimization, coaching and knowledge transfer.

ValyDate Schematic Analysis – models and analyzes components for the customer's design to identify and classify problems. Includes collaboration to address crucial problems and to suggest remedies.

Xpedition Consulting – provides professional direction on real-world use of Xpedition tools. This service provides tool and environment optimization, coaching, and transfer of knowledge to the team.

Xpedition Methodology – implements competitive tool replacements and includes analysis and optimization of the Xpedition tool flow according to the customer's design process and methodology.

PCB Manufacturing

PCB Manufacturing services enable customers to achieve product success by maximizing productivity using Valor NPI for PCB manufacturing.

Valor NPI Consulting – provides expert tool and usage guidance on real-world use of Valor NPI. This service provides tool and environment optimization, coaching, and knowledge transfer.

Valor NPI Methodology – offers collaboration on Valor NPI implementation including custom DFM checks, scripting and automation, design analytics, and a report generator solution.

Your account representative can help you construct a Services plan drawing from one or multiple EDA Services, managed in a way that best meets your organization's goals.

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