

DATASHEET

ADVANCED FUNCTIONALITY TO STREAMLINE PCB MANUFACTURING

Cimnet Systems™ ERP

WHAT WE DO

Cimnet Systems is a comprehensive software and services solution designed specifically for companies in the printedcircuit board (PCB) industry. The Cimnet Systems preproduction suite and enterprise resource planning (ERP) solution delivers capabilities to streamline your business processes, from the initial request for quote (RFQ) to the shipment of a completed order. Specific capabilities improve the efficiency of your pre-production engineering, quoting, order management, materials management, production and several other financial, business intelligence and supply chain processes.

THE COMPANIES WE SERVE

Electronic Manufacturing Services (EMS) and Original Equipment Manufacturers (OEMs) who design, assemble, produce and test PCBs rely on Cimnet Systems software and services to make their businesses more competitive and more profitable. Designed to serve the needs of the global PCB industry, Cimnet Systems solutions are used by more than 100 companies worldwide, from large multi-national PCB manufacturers to smaller, more focused businesses.

HOW WE DELIVER

With Cimnet Systems software, you can improve the way you engineer and manufacture PCBs to dramatically reduce costs and improve bottom-line results. Here is how Cimnet Systems is helping PCB companies like yours:

- Automate pre-production engineering to save time, lower costs and improve accuracy
- Produce more accurate quotes, faster

- Extend your internal capabilities with business process outsourcing (BPO) for PCB engineering, and other services and support offerings designed specifically for global PCB companies
- Improve manufacturing through better materials management, scheduling and production management
- Improve PCB supply chain visibility, both upstream and downstream

WHY WE EXCEL

PCB companies are under tremendous pressure to keep costs down, respond faster to customers, keep product quality high and deliver on time. Companies like yours can't afford inefficiencies or errors in any part of your business. Cimnet Systems follows a customer-driven development process, creating only the software



capabilities and service offerings that help PCB companies effectively compete and prosper. To help you excel in the PCB industry, Cimnet Systems provides:

- Best-in-class, mission-critical applications
- An open-technology platform
- Easy-to-deploy solutions
- Tight integration with other solutions in your company and across the PCB supply chain
- Capabilities to analyze and act on key performance indicators
- Global service and support capabilities, including BPO services

CIMNET SYSTEMS: FUNCTIONALITY THAT PERFORMS

Designed exclusively for PCB manufacturers, the Cimnet Systems solution delivers comprehensive pre-production and ERP capabilities to help customers improve the efficiency of every business process critical to their success. The solution includes capabilities for engineering data capture and analysis, global quote and order management, materials management, production and quality. The Cimnet Systems ERP system also includes specialized capabilities, such as panelizing, that are unique to the PCB industry. These best-in-class PCB industry applications have been combined with other business management functionality and services tailored to the needs of PCB companies worldwide.

Here are some of the top reasons companies in the PCB industry have chosen Cimnet Systems and have been glad they did:

Ramp up engineering productivity

Cimnet Systems Engenix®, a comprehensive product engineering solution, reduces engineering time and cost by automating stack-up and traveler generation and making critical engineering data accessible across your enterprise, thus providing secure product data management and streamlining engineering processes.

Automate panelization

The Cimnet Systems PCB Panelizer automates panelization by arranging parts and coupons for maximum raw material utilization and manufacturability with both rectangular and complex shapes.

Automate data input and engineering analysis

The Cimnet Systems PCB Analyzer automates the data input process, accepting design data from Gerber, ODB++, emails, PDF files, hot folders or by manual input, identifying and converting critical information, such as images and drill files. Within minutes, the information is accepted, analyzed and integrated with quote and/or engineering systems.

Streamline PCB quoting

The Cimnet Systems PCB Quote solution features PCB quoting capabilities that are web-based and deployable on the cloud. Cimnet Systems PCB Quote is fully customizable, from user screens to calculation methods.

Reduce costs by strategic outsourcing

Cimnet Systems BPO gives PCB companies access to an extensive offering of engineering services designed specifically for the PCB industry. Cimnet Systems BPO services can significantly reduce the cost of your non-manufacturing processes and make your operation more secure through redundant processes and scalable capacity.

Streamline quote-to cash operations

Cimnet Systems Paradigm ERP system delivers comprehensive functionality from order planning through manufacturing and financial control, including shop floor management of PCB work-in-process activities. The solution also provides powerful tools to accelerate decision-making with realtime information, so individual users, managers and executives can make fact-based decisions immediately. The Systems Alert Module (SAM) distributes real-time notifications to the right employees over a mobile device or a desktop computer, so they can respond immediately to actionable information, such as when an order has been entered or when a shipment of materials needs to be inspected.

Improve visibility throughout the supply chain.

All Cimnet Systems solutions, including Paradigm ERP, Engenix Engineering Automation, PCB Panelizer and PCB Quote are tightly

integrated to enable full visibility throughout your enterprise. The solutions also are used by Cimnet Systems BPO services and with common PCB CAM (computer-aided manufacturing), such as Frontline Genesis & InCAM (ODB format), Ucamco's UCAM (DPF format), as well as Pre-CAM products like Integr8tor Pre-CAM and Top-Linker TopCAM Automation.

Enhance product quality

Cimnet Systems helps you improve the quality of your business processes and your products. The solutions are designed to help you proactively manage product quality for higher yields and better support your industry initiatives, such as dock-to-stock and vendor-managed inventory.

Increase agility

Cimnet Systems product capabilities dramatically reduce the time required for pre-production tasks and fabrication, enabling you to respond faster to issues and opportunities. The solution improves the flow of important business information so your operations become more flexible, improving your ability to respond to ever-changing customer requirements.

CIMNET SYSTEMS: END-TO-END EASY

Focused on solving your specific challenges

The business challenges in the PCB industry are unique; so is the way the Cimnet Systems solutions help you overcome them. Engineering and manufacturing PCBs requires more specialized functionality than you can find in a generic enterprise resource planning or product lifecycle management solution. Cimnet Systems fills the gap for PCB companies with targeted capabilities for pre-production engineering, quoting, order management, materials management and production.

Leveraging the right technology

The Cimnet Systems solution has been built on an open, scalable architecture to make it easy to install, easy to integrate with third-party solutions and easy to adapt when your requirements change. The solution uses web-based technologies and can be used with industry leading databases, such as Oracle and Microsoft SQL server. Development of new capabilities is driven by input from

leading PCB companies and is focused exclusively on creating new capabilities PCB companies need to stay competitive.

Making it easy for the user

With Cimnet Systems, the ease of use begins when the installation begins. In addition to being easy to deploy, the solution gives users quick access to critical business information in the Cimnet Systems engineering and ERP solution and other third-party solutions. Key processes in a PCB company's workflow are either automated or streamlined, so executives, managers and workers in engineering, manufacturing and other parts of the business can perform their jobs with speed and accuracy.

Complementing your capabilities with Cimnet Systems' services

Services tailored to the PCB industry play a major role in the Cimnet Systems' value proposition. PCB companies have access to a broad range of services, from formal business processing outsourcing contracts to more issue-specific support from experts who respond to problems and questions by phone, fax or online. Cimnet Systems' nonmanufacturing BPO services include quote data processing, product engineering and panelizing that are critical to your overall business performance.

CIMNET SYSTEMS: DRIVEN SOLELY BY WHAT OUR CUSTOMERS NEED

At Aptean, our approach to your long-term success can be summed up in a few words: focus, collaboration, commitment and continuity.

Focus

By focusing your business on the design, assembly, production and/or testing of PCBs, you haven't tried to be all things to all people. Neither has Cimnet Systems. The Cimnet Systems pre-production suite and ERP solution has been developed exclusively for companies in your industry. We understand and help companies like yours deal with the unique engineering and manufacturing issues you face every day.

Collaboration

To give you the functionality you need to succeed, we've adopted a collaborative process guided by a simple principle: You're best served when you tell us what you need and we deliver, rather than us telling you what we have or what we can develop.

To put this principle into action, the Cimnet Systems product development process and the Aptean acquisition strategy are 100% driven by customers. We create multiple opportunities for customers to tell us what they need from their ERP solutions and to share their perspective on the challenges facing all PCB companies. As part of this collaborative approach, we offer:

- Access to a special support site where customers can directly request enhancements to Cimnet Systems products
- Direct participation in the product-development process, from defining requirements to reviewing product designs
- User group meetings with Cimnet Systems products experts
- Beta testing opportunities

Commitment

At Aptean, we understand that listening to customers is essential, but not enough. To be a true partner with our customers, we have to follow through on what you tell us. Cimnet Systems experts develop and deliver solutions that support every phase of the engineering, fabrication, assembling, and testing of printed circuit boards. At Aptean, we're committed to helping you meet the challenges you face today and will likely face in the future. Our best-practices product definition and development are complemented by the Aptean commitment to only acquire companies that strengthen what we can do on behalf of customers in our targeted industries.

Continuity

Cimnet Systems experts have been serving the enterprise software needs of companies in the PCB industry for more than 20 years. Backed by the vision and financial stability of the Aptean Corporation, the Cimnet Systems pre-production suite and ERP solution are positioned to extend this record of customer-driven innovation, product excellence, and quality service and support well into the future.



More than 9,000 customers around the world rely on us to give them a competitive edge. By providing innovative, industry-driven enterprise application software, Aptean helps businesses to satisfy their customers, operate most efficiently, and stay at the forefront of their industry.

For more information, visit: www.aptean.com