



Special Projects Group

From a US Manufacturer

Patton designs and manufactures mobile-video surveillance, collection intelligence distribution solutions, and voice and data communications equipment for carrier, enterprise, and industrial networks worldwide. Patton's Special Projects Group leverages over 1000 product designs and 25 years of industry experience to meet your custom product or system integration goals.

Network Design Solutions

Network designs that include Patton products as well as other products. Custom network design solutions based on customer requirements

System Integration Projects

Integrate new technologies into existing network infrastructures. Integration of Patton products with other systems. Building networks.

Product Development and Product Derivatives

Includes customization of existing products, custom feature development, customer interface development, hardware variations, derivative products, and new project designs.

Patton's Capabilities

Custom manufacturing, private labeling, product customization, and other engineering services.

Custom Hardware Platforms

- Freescale processors: MPC875, MPC83XX, P10XX, AMCC 405EXS, x86
- MIPS-based platforms
- Many hardware platforms to choose from: Ethernet routing, video streaming, Ethernet, T1/E1, and VoIP platforms
- Customized hardware based on customer specification
- Custom embedded Linux platforms
- Full routing & firewall capabilities
- Streaming video platforms
- Software development support
- Software driver development

High Volume Capacity and Low Volume Capability

Patton is pleased to be your partner in design, manufacturing and distribution even through long, complex sales cycles. Patton is configured to persistently support low volume ODM. Patton can economically support an Estimated Annual Usage in the 1000s and a Minimum Order Quantity as low as 1. Patton can provide Level 1/2/3 support for the whole lifecycle of your program. And at your pace, Patton can intelligently ramp to large-volume production.

ODMD: Original Design, Manufacturing and Distribution

Patton Electronics often designs and manufactures products that ultimately carry others' brand. In addition to design and manufacturing, Patton offers easy world-wide distribution, support and service through our network of global offices and partners.

Product Line Catalog

Patton markets a catalog of over 1000 products including SmartNode™ VoIP solutions for analog/ISDN telephony; Visuality™ mobile-video surveillance, collection, and intelligence distribution solution; ForeFront™ multi-service access infrastructure solutions for TDM and IP service delivery; IPLink™ CPE solutions for last-mile/local-loop access; CopperLink™ Ethernet Extenders; EtherBITS™ device servers; EnviroNET™ NEMA4-compliant hardened networking equipment, and Micro-Products.

Embedded System Capabilities

Complete Project Solutions: Scope, Schedule, Design, and Develop complete embedded solutions including both hardware and software development activities. Work typically includes feasibility and cost analysis, project planning, resource management, hardware definition, hardware development, software architecture, software development, and verification requirements definition.

Project Management/Program Management Solutions: Oversee the development of projects from inception through release ensuring that products are on time and on budget. Capabilities include feasibility analysis, cost analysis, budget development, schedule generation, team/resource task assignments, project management, and project oversight.

Software Development Solutions: System Architecture and Software Feature Development. Experience with embedded Linux, ISI's pSOS system, and VxWorks

Hardware Development Solutions: Define hardware requirements and outline potential solutions including proposals for the use of COTS hardware platforms as well as custom hardware designs

Made in the USA

Products for industry, laboratory and government, even in low- and moderate-volume, can now be filled by Patton, your Made-in-USA ODM partner.

Manufacturing

Patton products are manufactured in Gaithersburg Maryland, USA. Manufacturing operations include all disciplines of production planning, control and logistics including integrated ERP systems, global component sourcing through mature relationships with distributors and major component manufactures and custom fabricated parts.

Patton employs Lean Manufacturing principles throughout all production and planning processes, and makes extensive use of automation in assembly and test processes, including automated optical inspection.

The Gaithersburg Manufacturing line incorporates two fully automated surface mount manufacturing assembly lines, wave solder and manual assembly, functional test and burn-in capabilities.

Patton Electronics has been an ISO 9001 Certified Manufacturer since 1996. All of our assembly employees are trained to IPC-A-610 workmanship standards.

Our products carry the CE mark and other certifications as required.

Operations and Facilities

Patton has no geographic boundaries—over half of our corporate revenue comes from international customers deploying our products overseas. Patton has its headquarters and manufacturing in Gaithersburg, Maryland with sales and support operations in Western Europe, Central/Eastern Europe, Asia/Pacific, Middle East, the Caribbean and Latin America. Patton-India is Patton's headquarters in

India. Patton-Inalp Networks AG is Patton's EMEA headquarters and includes a design center, technical services, and support.

Patton has over 200 distributors worldwide. We are an ISO 9001 manufacturer and undergo various third-party quality audits. All our products carry the CE mark and numerous local telecom approvals.

Business Leadership Team

Patton's Business Leadership Team is composed of industry leaders with proven skills and experience, not only in establishing and pene-

trating leading-edge technology markets but also in effectively operating fast-growing technology businesses.

History

Patton was founded by Bobby and Burt in 1984, while students in college with the help of their moonlighting older brother, Bruce. Within two years their father, Robert, who had invested in the start-up, joined them in leading the company.

Patton's niche was making modems and connectivity products for the telecommunications industry. Over the succeeding years, Patton has taken those simple beginnings and expanded into a manufacturing company that today employs more than 110 people.

Patton built on its transmission expertise by investing heavily in product developments in the T1/E1/xDSL transmission and IP technologies. These investments resulted in a line of industry leading DSL, RAS and IP products.

Today, Patton provides a product line in excess of 1000 items and is actively engaged in constructing internet infrastructure, access networks and next generation telephony over IP systems and mobile security products.

All products made with pride in the USA

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Patton is a registered trademark of Patton Electronics Company in the United States and other countries.

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