

Special Projects Group

From a US Manufacturer



The Special Projects Group offers Full Life Cycle support implementing your product, technology or environmental vision. Starting with go/no-go assessments at a reasonable cost and continuing all the way to manufacturing and distribution through a global sales force.

Network Design Solutions

Network designs that leverage Patton products as well as other equipment. 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.

Patton's Capabilities

Custom manufacturing, private labeling, product customization, microphonics testing and eradication, software development, hardware development (including COTS and open source platforms), database solutions, embedded Linux, realtime embedded systems, "big data" solutions.

Custom Hardware 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 and firewall capabilities
- Streaming video platforms
- Software development support
- Software driver development

Patton's Special Projects Group represents Patton's commitment to extending its expertise to its customers with unique product and environmental needs.

Ideation and brainstorming. Feasibility studies. Requirements definition. Custom engineering. Secondary contractor support on awarded grants.

Embedded System Capabilities Complete Project Solutions

Scope, Schedule, Design, and Develop complete embedded solutions including:

- Feasibility and cost analysis
- Project planning
- Resource management
- Hardware definition
- Hardware development
- Software architecture
- Software development
- Verification, commissioning & acceptance

Project Management/Program Management Solutions

- Feasibility analysis
- Cost analysis
- Budget development
- Schedule generation
- Team/resource task assignments
- Project management and oversight

High Volume Capacity and Low Volume Capability

- Design, manufacturing and distribution
- Long, complex sales cycles
- Low volume ODMD
- Estimated annual usage in the 100s
- Minimum order quantity as low as 1
- Level 1/2/3 support
- Ramp to large-volume production.

ODMD: Original Design, Manufacturing and Distribution

- Design and manufacture of products that carry your brand.
- World-wide distribution
- Support and service
- Network of global offices and partners

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 manufacturers, 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 inspec-

tion. 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 IPCA-610 workmanship standards.

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

Operations and Facilities

Patton has world-wide reach. 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 Hungary is Patton's headquarters in Hungary. 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.

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 technolo-

gies. These investments resulted in a line of industry leading DSL, RAS and IP products.

Patton provides a product line in excess of 1,000 items and is actively engaged in constructing Internet infrastructure, access networks and next-generation telephony over IP systems and mobile security products.

Today, the Patton Special Projects Group represents Patton's commitment to extending its expertise to its customers with unique product and environmental needs.



All products made with pride in the USA

PATTON[®]
Let's Connect![™]

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