

New Product Introduction

- ▶ **Providing resources and years of experience to guide you from idea to a marketable product.**
- ▶ Moving from prototype to production is incredibly complicated. You need design for manufacturing, supply chain management, workflow planning, vendor relationships, testing, quality assurance, and product assembly. With Videon's NPI services you get all of the above, and more, delivered by an experienced team of professionals who have faced--and solved--these problems before.



NPI Services

Supply Chain Development/Planning

- ▶ Detailed Bill of Materials analysis answers important questions up front:
 - | When is each component likely to go end-of-life?
 - | Which components have numerous equivalencies?
 - | Where can I get the best purchase price on the component, and in what quantity?
 - | How can I manage my inventory in the most cost-effective way?
- ▶ Identification of Best Value options leads to a sophisticated balance between cost and quality
- ▶ Established vendor relationships lower prices and provide flexibility
- ▶ Understanding of lead time and inventory management helps plan workflow and cash flow
- ▶ Proactive approach to managing obsolescence

Design for Manufacture

- ▶ Expert engineers examine your design, identifying potential manufacturing complications or weaknesses
- ▶ Address complications from the start
- ▶ Documentation and processes to ease the transfer of information from engineering to manufacturing
- ▶ AS9100C Quality Management Processes establish good practices for product manufacture strategy

Testing

- ▶ HALT testing to identify design weaknesses
- ▶ HASS testing to find early failure points and prevent early-lifecycle failure
- ▶ EMI testing
- ▶ Temperature, humidity and vibration testing

Quick Response Manufacturing Cells

- ▶ Cross-trained workforce can rapidly assemble and test products
- ▶ Specializing in the low-volume, high-mix needs that characterize new product introduction
- ▶ Agile methodology ensures speed and quality
- ▶ Detailed instructions and quality processes guarantee that the product is built correctly each time

| [Facility & Contact Information](#)

Videon's Facility and Staff

- ▶ 32,000 sq ft facility including 10,000 sq ft ESD-safe manufacturing wing
- ▶ Clean, bright, environmentally-controlled workspace
 - | Temperature controlled burn-in room
 - | Segregated and locked location for customer-owned inventory
 - | Available office space, meeting rooms, and employee amenities such as kitchen, gym, and theatre
- ▶ Experienced staff, including:
 - | Customer Care team ensuring that we meet your needs
 - | Dedicated contact to address concerns and answer questions
 - | Highly-trained engineers and technicians on-site to troubleshoot and support projects
 - | IPC610 Certified Assembly Team

Additional Equipment

- ▶ Haefely ESD Simulator
- ▶ Logic Analyzers
- ▶ Oscilloscopes
- ▶ Electro-Sensitive Device (ESD) protective environments

Additional Services

- ▶ Testing Services including HALT, EMI, Temperature and HASS
- ▶ New Product Introduction
- ▶ Service and Repair

Regulatory Compliance Standards

- ▶ Highly experienced with aviation standards including RTCA DO-160 (FAA), Boeing D6-36440, Airbus ADB0100
- ▶ Military experience and qualifications including MIL-STD-461/810; Registered ITAR and SAM; United States / Canada Joint Certification Program
- ▶ Experienced with consumer standards including FCC, CE, VCCI, ISO and UL
- ▶ AS9100C Quality Management
 - | Fully incorporates ISO 9000
 - | Ensures production of high-quality products
 - | Supports customer satisfaction through continuous improvement and risk mitigation
- ▶ AS9102 First Article Inspection
- ▶ Process Failure Mode Effects Analysis (PFMEA)
- ▶ Willing to apply our expertise to the requirements of additional industries, standards, and regulations.



Interested? Contact Us

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