Turnkey Manufacturing for Compliance

► Services and solutions designed to meet manufacturing needs in highly-regulated industries including Aviation, Medical, Military and more.
► Specializing in low-volume, high-mix manufacturing of electronics.
► Workforce cross-trained in compliance requirements, quality assurance, early failure identification, and strict regulation.

Services and Solutions

Overview
► Supply chain planning & management
► Design for manufacture; new product introduction
► Risk identification & mitigation
► PCB assembly
► Box assembly
► Test design and execution
► Packaging
► Aftermarket services
► Project management

Regulatory Compliance Standards
► 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)
► Military standards MIL-STD-461/810; ITAR-compliant
► Experienced with aviation standards including RTCA DO-160 (FAA), Boeing D6-36440, Airbus ADB0100
► Consumer standards including FCC, CE, VCCI, ISO and UL
► Numerous ISO standards
► Willing to apply our expertise to the requirements of additional industries, standards, and regulations.

Manufacturing Engineering
► Design for Manufacturing (DFM)
► Design testing and product testing
  | Design for Test (DFT)
  | Test Definition
  | Test Fixture / Setup Design
  | Test Automation
  | Reliability Testing and Reporting
  | Highly Accelerated Life Testing (HALT)
  | Highly Accelerated Stress Screening (HASS) [does this belong]
► Rapid prototyping
► Process design to optimize flow and reduce lead time
► Documentation development and upkeep
► Continuous Product Validation (CPV)
► Root Cause Analysis, Product Realization, Change Solutions [?]

Project Management
► Dedicated Project Manager
► Single Point of Contact
► Regular Status Updates & Notifications
► Risk Identification and Mitigation

Additional Services & Contact Information

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2171 Sandy Drive
State College, PA 16803
videon-central.com
Supply Chain Management
► Material planning
  | Optimized production quantities
  | End of Life analyses for each component
► Production strategy and master scheduling
► Management of suppliers, licenses/royalties, traceability and configuration
► Change management
  | In process failure analysis
  | Repair data analysis
► Corrective and preventive action
► Cost reduction expertise

Aftermarket Services
► Full RMA management
► Root cause analysis
► Quick turn repair (10 day standard; expedite requests accepted)
► Refurbishment

Personnel
► Friendly staff, experienced in regulatory industries
► Cross-trained workforce
► Expertise in areas ranging from software engineering and PCB bringup to product testing and root cause analysis

Facility
► 32,000 sq ft facility including 10,000 sq ft ESD-safe manufacturing center
► 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
► Electro-Sensitive Device (ESD) protective environment

Contact Us
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