

GLOBAL ENGINEERING MANAGEMENT & SUPPORT, INC.

Setting the Global Standard

Global Engineering Management and Support (GEMS) founded in 1995 is a **minority woman owned small business concern** registered with the Federal Government Central Contractor Registration (CCR) and Small Business Administration (SBA).

GEMS vision is to bridge the gap from obsolete ATE and software by implementing revolutionary technology. Forging the future path for ATE and TPS development in the mil-aero, automotive, and space sectors; **GEMS MEGA-MIGRATOR** provides a virtual instrument environment that allows you to cross test platforms to modernize obsolete ATE and TPS.

GEMS corporate culture is designed to promote ingenuity and innovation to deliver the best possible solutions to our customers. GEMS is developing new engineering talent and tapping academia to bring new innovative ideas related to ATE hardware and TPS software to light.



GEMS is located in Melbourne, Florida within the heart of the Florida Space Coast Hi-Tech corridor.

Thank you for your interest in GEMS. GEMS welcomes the opportunity to offer you a quotation for best in class products and services.

Please contact GEMS at:

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GEMS – CORPORATE EXPERTISE

- Providing Test Equipment related products and services to the Mil-AERO, and SPACE Sectors
- Obsolescence Management
- Design, development, integration and production of ATE systems – GEMS has delivered more than 50 unique all-up Test Sets
 - PXI, VXI, IEEE-488, TCP/IP
- Design and integration of test software – GEMS has delivered hundreds of Test Program Sets (TPS)
 - NATIONAL INSTRUMENTS Lab Windows CVI, LabView, TESTSTAND
 - Teradyne, LASAR, VICTORY, TESTSTUDIO
 - Agilent HPBASIC, HP3070
 - CASS, ATLAS, and many more
- Special Test Equipment (STE) – Specialized simulators, Load Boxes, Interface circuits
- RIGID and FLEX Circuit Card Design
- Cable and Wire Harness design and fabrication
- Machine Part design and fabrication
- Documentation recent documentation deliveries met CMMI-Level 3 standards

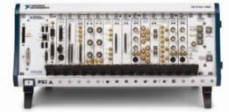
Common Core Test Systems:

Design, Document, Fabricate, Integrate, Best in class Automatic Test Systems (ATE/ATS)

- PXI
- VXI
- IEEE-488
- Custom Solutions



Let GEMS Design, Build, and Program Rack, Portable, or Bench Top Systems to fit your requirements



Test Program Set (TPS):

GEMS specializes in the development of highly complex functional edge connector TPS

- LRU, CCA, LLRU, SRU, SRA
- Teradyne Support Network Supplied since 1995
- National Instruments Certified Alliance Member since 2003
- LabView
- LabWindows CVI
- TESTSTAND
- TEST STUDIO
- CASS ATLAS
- LASAR
- Experienced with many different automatic test systems and software applications

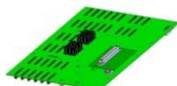


GEMS Products help you Control Costs, Manage Risk, Control Schedule:

- Manage Obsolescence with GEMS MEGA Migrator – cross platform TPS migration software
 - Read in Hardware Configuration and TPS Software from Legacy Test System
 - Port to new System using GEMS tool sets
 - Report any changes required in standard reports for Quality Control
- Reduce new Development costs through use of GEMS libraries for standard functional test types
 - Microprocessors, Serial Bus, Command and Telemetry, Navigation Systems, Targeting Systems
- Improved Diagnostics with GEMS SMART TPS Diagnostic Database Tools
- Learn behavior of legacy Test Systems or Simulators using GEMS Data-Genie Tools

Design and Fabrication Services:

- Automatic Test Systems
- Printed Circuit Boards
- Flex Circuits
- Cables
- Interface Test Adapters
- Special Test Equipment
- Load Boxes
- Field Deployable Systems



GSA Schedule Partner

