ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Ametek / VTI Instruments / VXI Technology MTS-1000* at our website: *Click HERE*

VXI Technology™

MTS1000

Avionics Test Subsystem



- Radar
- Receivers
- Avionics Boxes
- Missiles
- Telemetry
- Electronic Warfare
- Targets
- Heads-up Displays
- Navigation Devices

Overview



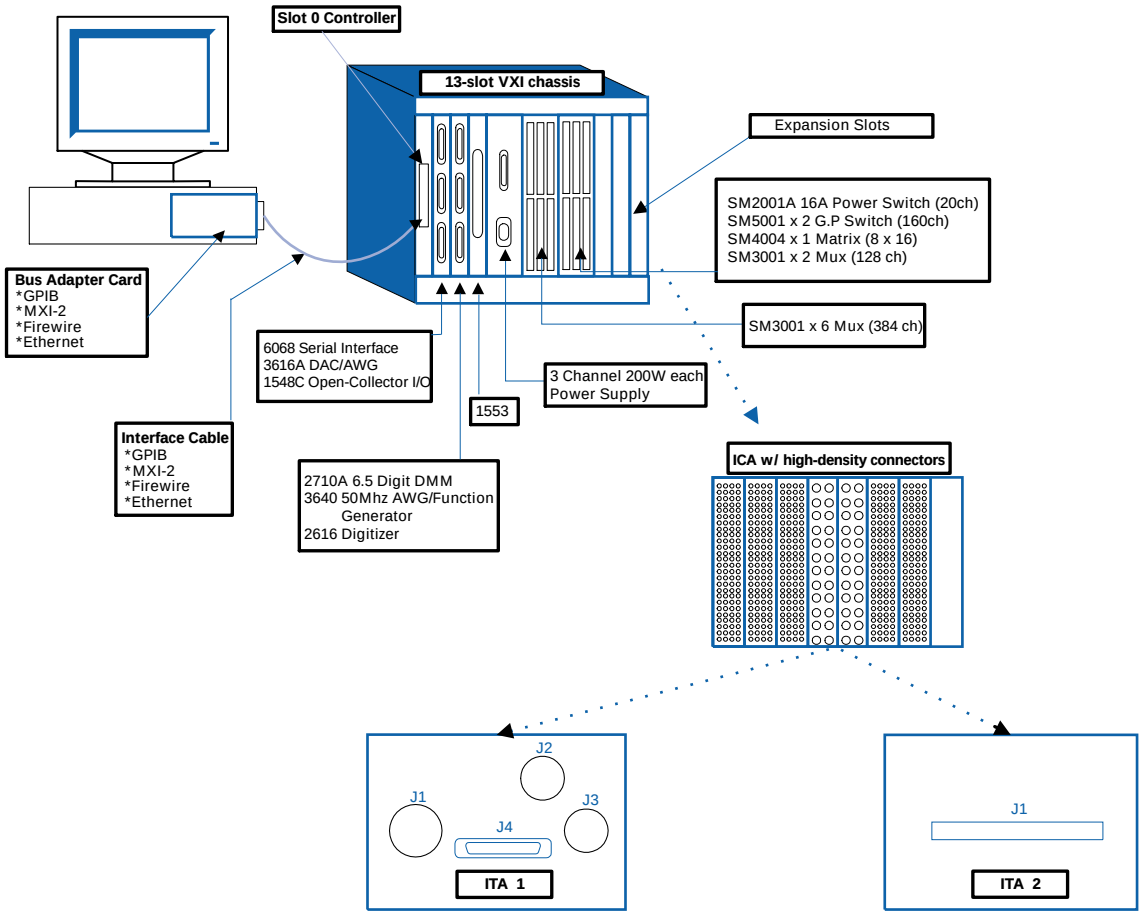
VXI Technology, Inc. has quickly become the industry leader for instruments and switching systems designed for the testing of electronic avionics units. Our award-winning modular instruments (VMIP™), and modular switching systems (SMIP//™) are used by virtually every major commercial or government manufacturer of avionics units, as well as government defense agencies worldwide. The densities and modular concept of our products provides the capability to house a core-subsystem that satisfies the signal switching and general purpose instrumentation needs in a very small footprint. This approach also provides for high performance test solutions to be transported to the field.

Standard Subsystems

The modular approach to our switching and instrument designs allows us to offer pre-configured subsystems that satisfy the majority of the general-purpose test requirements for Avionics test. A typical Avionics VXIbus subsystem is shown in Figure 1.

Additional resources Sub-systems configured within 6 VXIbus card slots can also be configured, especially if GPIB power supplies are used. Customers can purchase these subsystems under one part number and then easily combine them with additional test resources (i.e. power-supplies and loads). Complete systems can also be offered. Consult factory for pricing.

MTS1000
Avionics Test Subsystem



Instruments & Switching Designed for Avionics

Our high-density modular instruments and switching systems are designed for avionics and military weapons testing. Each one of our products takes the nuances of these electronic devices into account. For example:

- Our Serial Interface products provide high-speed simultaneous multi-channel interfacing with RS-232, RS-485, RS-422 plus many other electrical interfaces. We support standard protocols or custom protocol interfacing

- Our 6.5 digit DMM has 2 channels. One for wiring through the switching and interface, while the other can be wired directly to the front of the test station for calibration or manual debug. Additionally extensive triggering and fast data throughput provide for improved test times

- Our 50 MS/s AWGs/Function generators provide high-density outputs, allowing multiple channels to be combined in a small footprint. Standard functions are built-in.

- Very high-density I/O is one of our trademarks. High channel count DACs and digitizers designed for functional test, along with comparators, programmable resistors, TTL and open-collector digital I/O provide flexible functionality.

- Our switching systems offer the greatest densities on the market. For example a complete 19" CASS switching system has been replaced with only 5 VXIbus card slots using SMIP//™.

- Approximately 1000 points of switching can be accommodated in two VXIbus card slots. Unique shielding designs and the latest relay technology provide exceptional signal integrity. We offer switching solutions from DC to light.

- Cable-less wiring systems to the interface connector assembly are offered with each subsystem.

Software Control

Industry standard instrument drivers and easy to use graphical user interfaces are provided with each product. Our sub-systems can be provided with complete self-test software and test executives through our endorsed solution providers. Mapping software that maps existing command protocols to our solutions can also be provided.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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