



DEPOT & TEST SERVICES

PORTABLE RUGGEDIZED TEST SYSTEM (PoRTS)

DEPOT



MEASUREMENTS MADE EASY

SCI™ Technology's Depot & Test Services can help extend your sustainment dollars with PoRTS (Portable Ruggedized Test System), our powerful new suite of customizable, cost-effective tools for automated test equipment.



PoRTS (Portable Ruggedized Test System) is SCI Technology's powerful new suite of customizable, cost-effective tools for automated test equipment.

Power + Portability

PoRTS is a user-defined test set that works wherever you work. With its rugged construction and compact form factor, PoRTS has power and portability built right in.

But PoRTS isn't just tough. Since it costs less than commercial off-the-shelf (COTS) equivalents, PoRTS is also a cost-effective solution that can make a positive impact to your bottom line. Plus, SCI's modular tools allow for complete customizability to meet each user's unique needs.

How It Works

To operate PoRTS, users identify their specific requirements so SCI can design a custom test set utilizing a combination of standard cards. Processing is all on-board, with no need for an external computer. However, users can control PoRTS remotely with a wide range of devices via encrypted WiFi. When tests are complete, PoRTS can send the results to a remotely accessible database, or retain the data on its local hard drive. For reduced test times, PoRTS can run test steps either in sequence or in parallel.

Interfacing with the Standard Card Cage (SCC) is easy with a built-in touchscreen on the front of the system. For added convenience, the SCC is

reconfigurable and can run both Windows and Linux-based operating systems. With its reusable design and abundance of slots, PoRTS can host test solutions for a family of products, including SCI's TOCNET® and FireComm® lines, as well as a large selection of customer-manufactured designs.

Current Card List (Non-Exhaustive)

Below is the current list of test cards compatible with PoRTS. SCI has the capability to produce additional test cards as needed.

- > Standard Card Cage (SCC)
- > Standard DC Power Controller
- > Multifunction Interface (MFIF)-In Card
- > Multifunction Interface (MFIF)-Out Card
- > Audio Interface Card
- > Jackbox Push To Talk (PTT) Card
- > Interbus/Ethernet Card
- > Power Relay Card
- > PIC Development Card
- > Analog Mux Card
- > 30-Channel Differential Mux Card
- > Single Pole Dual Throw Relay Sense Card
- > 30-Channel RS-485 Serial Mux Card
- > Discrete Input Card
- > MIL-STD-1553b Card
- > Adjustable Power Controller Card
- > ACNIP Test Set Cards (6)

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