GCS | RUGGED GROUND CONTROL STATION

GROUND CONTROL WORK STATIONS

CP Technologies' expeditionary workstations provide a platform for versatile, high speed processing capabilities in a mobile military-grade system. Offered in assembled transit case and portable "briefcase" form factors, these workstations are the ideal solution for a mobile and versatile ground station application while out in harsh, real-world environments. The workstations built by CP Technologies can be custom tailored to meet the specific needs of the operators with optional additions such as capacitive touchscreens, specialized input ports, switches, routers, data links, or other integrated 3rd-party equipment for a fully mobile all-in-one solution.

Who We Are

CP Technologies designs, fabricates and integrates standard and customized high-performance computing platforms and LCD monitors for military, industry, and commercial applications.

Using COTS components, CP Technologies provides solutions for customers who need reliable systems that will operate in a variety of harsh conditions and who require revision control and hardware consistency for multi-year programs.

CP Technologies is an ITAR Registered and ISO 9001:2015 Certified business that has been operating in Southern California for over twenty years.

Assembled in the USA
ISO 9001:2015 Certified
ITAR Registered

CP Technologies
2620 Deep Well Ranch Rd
Prescott, AZ 86305
combatproven.tech
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These systems offer a high-performance desktop or server-class computing systems complete with displays and input peripherals for deployment in the field. Our rugged portable systems can be scaled up or down in size to match the demands of the application, with sizes ranging from the compact desktop-sized systems with a single 17" display up to large-scale triple 24" system with multi-touch hi-bright displays as well as multi-transit case solutions.

The systems are designed to provide deployable networks, Rugged Cross Domain Solutions, and a full network architecture to deployed units. The processing capabilities available not only support the ground station operations themselves but can also provide the support of an entire Tactical Operation Center. High-quality military-grade components are used throughout to maintain the highest MTBF's. The rugged workstations are intuitive to use, straightforward to install, and are designed to meet MIL-STD's to survive in the toughest deployable environments. These systems can be configured to include integrated third-party equipment such as timing, Power is tailorable based on customer requirements for 110-240 AC or MIL-STD-175 and MIL-STD-704, which includes 28V DC vehicle power.

QUESTIONS?
Reach out to us at
combatproven.tech
or call 858.571.4330

ENGINEERED TO YOUR SPECIFICATIONS

• In-house engineering department
• Design and build of rapid prototypes. Experience with solving difficult customer application problems through knowledge of the industry and custom system design and manufacturing capability
• Our Engineers use Solid Works 3D CAD modeling software for mechanical design and thermal simulation
• Design experience with MIL-STD-167, MIL-STD-461, MIL-STD-810, and MIL-S-901, in addition to FCC, UL, CE, and country specific agency requirements

REVISION CONTROL & CONFIGURATION MANAGEMENT

• Our Program Managers will assure your products are revision controlled for the life of the program
• Configuration Management to assure TAA Compliance and system compatibility
• One part number for life of the program
• Counterfeit and obsolescence management

FACILITY AND TEST

• All integration work is performed in a state-of-the-art, ESD-controlled facility
• Our facility has 23,000 sqft and has dedicated 12,000 sqft to manufacturing and 3,000 sqft to engineering
• Operate to anti-static standard ANSI/ESD S20.20-2007 and electronics assembly standard IPC-A-610, Revision E-2010

QUALITY COUNTS

• ISO 9001:2015 Certified
• 100% system inspection before shipment
• All integrated systems undergo a minimum 24-hour system test and burn-in before shipment to the customer
• Assistance with 3rd party verification of system specifications
• 5-year warranty on all servers and 3-year warranty on LCD monitor products
• TAA compliant
• Built in the USA

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