

## Nevada, Southern

216 Avenida Fabricante, Suite 112, San Clemente, CA 92672. Phone: 949 545 6052

### Telemetry, Recorders, RF, Timing and Video

State-of-the-art aerospace telemetry products for flight test, missile, range safety, launch support and satellite command and control applications.



End-to-End Next Generation Solutions: Data Acquisition (including receivers, bit syncs and best source selectors), Data Transport & Distribution, Telemetry Data Processing & Display, Simulation & Test, as well as Data Recording.

Introduced TMOIP, a correlating best source selector, 4-input diversity combiners and more. The newest tech includes a fully functional Range Modernization solution with options to move to virtual solutions.

Supports full-spectrum data acquisition, management, cyber security and encryption for all Electronic Warfare (EW) and Intelligence, Surveillance and Reconnaissance (ISR) mission needs.



Secure ruggedized solutions that operate in Land, Maritime, Air, and Space. Tailored hardware solutions excel at capturing, processing, and distributing RF signals, video/imagery, radar, vehicle bus, flight test, telemetry, and other sensor and mission data. Hardware boasts an open-architecture platform with no proprietary constraints with an IA hardened Red Hat Enterprise Linux OS while meeting Government cyber security requirements.



Data Acquisition, Flight Termination (digital and autonomous), Flight Radar Transponders, Telemetry encoders IFF Systems and Radar Altimeters



DDV designs and manufactures innovative, world-class solutions for video compression and scan conversion products for the Military, Homeland Security, Distance Learning, and Broadcast markets. Develops standards for compressing, converting, streaming, and exploiting video. Specializes in H.264, H.265 ruggedized encoders and decoders.

Committed to delivering the latest technology in low SWaP-C, MIL-qualified packages. DDV's mission is to continuously improve the delivery of high-quality, low latency, FMV to the warfighter.



Conformal and non-conformal flight body antennas including blade, button, wrap-around, microstrip/strip-line, waveguide (Ka/Ku), CRPA/FRPA, ESA (Electronically Steerable Array), simulation & accessories (test hats, cables, etc) for aircraft, buoy, missile, shipboard, test range, and UAV applications.



(formerly Symmetricom) Cesium and Rubidium standards plus time and frequency references, NTP & GPS-based timing, IEEE 1588 Precision Time Protocol (PTP), bus-level timing boards, SAASM, M-Code and distribution solutions



Microwave antenna products: parabolic grids, solid parabolic & feeds including conscan and monopulse designs, micro-strip arrays, panels, horns, helices, sectors, omnidirectional antennas and waveguide arrays - masts and antennas for communication, direction finding, jamming, LPDA, spectrum monitoring and Counter-RCIED



Telemetry transmitters, receivers, trellis demodulators, diversity combiners, tracking antennas and ACU



Ruggedized camera systems: CMOS, low light & color cameras including HUD, 360 degree, and rear view cameras for DO-160, high G forces, supersonic, extreme temperature & harsh environment applications



Airborne batteries, Boost Guidance and Control Systems, Vehicle Interface Units (VIU), Spacecraft and Module Separation Systems, Payload Sequencers, RF Filters/Couplers



Matrix switch solutions from DC to 40GHz



RF over fiber links and systems.

Intelligent RF over fiber Test and Measurement equipment, magnetic and electric field sensors, current probes, baluns and transformers



Wideband Systems INC manufactures the industry-leading Digital Recording System (DRS) product family. Optimized for the Telemetry and SIGINT markets, these recorders provide exceptionable bandwidth and scalability while maintaining strict compliance with the IRIG-106 Chapter 10 standard.

### Embedded Products and Ruggedized Computers



Systel is a proven manufacturer of American-made purpose-built rugged computer solutions, including rackmount and embedded computers. Systel delivers rugged compute superiority for where mission-meets-critical in austere environments.

### Sensors and Transducers



Silicon pressure sensors, transmitters, and transducers for the medical, industrial and consumer market.

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### Sensors and Transducers



Single and tri-axis accelerometers, pressure sensors, pressure transducers and transmitters with the piezoresistive silicon technology



Aerospace and Industrial grade temperature and pressure transducers and transmitters, cryogenic and 810F temperatures, automotive & space-grade electronic options available



Load cells, strain gauge-based force and torque sensors, instruments and complete test systems



Force measurement solutions including advanced torque and force transducers, load cells, multi-axis sensors, wireless telemetry, instrumentation and calibration systems



Micro load cell and force sensors, pressure and bubble sensors, ultrasonic flow meters, scales, float switches and liquid level sensors, signal conditioning



Pressure mapping, force measurement & tactile sensors

### Data Acquisition, Instrumentation and Test



Lab and portable data acquisition systems for aerospace, automotive and general industrial



Specialists in data acquisition, signal conditioning and data communication



Manufacturer of highly intuitive, end-to-end test & measurement systems, including power analyzers, data acquisition systems, signal condition and software

### Enclosures, Racks, Cases and Power Management / Conditioning (UPS, PDUs)



Systems Integration and advanced custom packaging solutions: protective cases for transport, operation and storage of essential equipment including rotomold, FRP, LoadMaster



Sine Wave DC-AC Inverters, On-Line UPS Systems, Frequency Converters in the 120 VA to 500+ KVA, EMI Filters, Transformers, PDUs and MBSS

### Systems Integration



Complete Test and Measurement solutions from concept design to customer acceptance for mechanical, optical and electrical applications. Custom, turnkey full-tracking ground stations and integrated telemetry, tracking and control (TT&C) equipment