

Advanced Solid-State Storage Technology

Are all solid-state storage technologies equal? Not even close! Silicon Systems "SiliconDrive" is advanced storage technology engineered to overcome the problems associated with hard drives and flash cards. This means thousands of dollars in cost savings by eliminating unscheduled downtime resulting from field failures, product wear-out or forced production re-qualifications.

Call us to discuss your needs.



[More Info.....](#)

SiliconDrive Highlights	
PowerArmor - eliminates drive corruption	ü
SiSMART (forecasts useful life)	ü
6-Bit ECC	ü
Wear-Levelling Over Entire Drive	ü
Eliminates Bit-Flip Errors	ü
MTBF >4,000,000 Hours	ü
Low Power Consumption	ü
Scalable Technology	ü
Enhanced Data Security	ü

Spread Spectrum Ethernet Radios



The FreeWave Technologies FGR-HT radio is a leap forward for customers who need an industrial grade high speed Ethernet radio that operates in harsh environments and noisy RF conditions. The FGR-HT is a rugged and reliable solution that performs where other products fall apart. The FGR-HT product family supports Transparent Bridging of all Ethernet Protocols tested at FreeWave's world class manufacturing facility in Boulder, Colorado, with 100% temperature testing from -40°C to +60°C.

FreeWave Technologies is an innovative designer and manufacturer of spread spectrum radios. The goal is to help customers establish communication networks even where other radios may have failed.



[More Info.....](#)

Operator Interfaces

Spectrum Controls operator interfaces provide unsurpassed flexibility and compatibility.

- ▶ Faster implementation and increased productivity with fill-in-the-blanks, easy-to-use programming software.
- ▶ Less programming and reduced operator entry errors with auto-scaling and programmable operator entry limit (minimum and maximum values).
- ▶ Direct access to any register location within PLC and P/AD feature.
- ▶ Quick operator response and reduced downtime with alarm generation.
- ▶ Controlled access with security screens.
- ▶ Rugged - Rated IP65.

[More Info.....](#)



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Advanced Antenna Solutions "Whipless Mobile Antennas"

The Phantom® is a tough antenna for outdoor or indoor applications. The revolutionary design features field diversity with both vertical and horizontal polarization components. This gives the antenna diversity, frequency agility, low visibility, wide bandwidth and a low angle radiation pattern that is superior to traditional gain antennas in most applications.



- ▶ **Field Diversity:** Field diversity means that the antenna is simultaneously sensitive to both the electric and magnetic fields of the signal, like having two antennas. Field diversity makes the antenna resistant to the picket-fence fading and multipath nulls that are found in urban operation and undulating mobile environments.
- ▶ **Permanent Mounting:** Permanent mount versions of the UHF and higher frequency models are available for high risk applications such as metering where antennas must resist vandalism and achieve economical mounting.
- ▶ **Versatile:** Excellent for voice or telemetry applications.
- ▶ **Whipless Design:** The whipless design allows car washes without removing the antenna. Whipless means they don't look like antennas, attract less attention, less vandalism and have lower wind resistance.



[More Info.....](#)

Mobile Data Terminals

Control Synergy is the recently appointed Australian distributor of InfoWave's Wireless **Mobile Data Terminals** (MDT)



The MDTs are fully Integrated with both GPS and GPRS/GSM capabilities to provide a cost-effective and seamless deployment of mobile computing. Meant for mobile track and trace of your assets, vehicular fleets and critical workforce.

Waveon 718

GPRS/GSM Mobile Data Terminal

Features:

- ▶ Flexible Wireless Communication
- ▶ High Performance Multimedia Playback
- ▶ Comprehensive Interfaces
- ▶ Seamless Video Playback
- ▶ Versatile Storage Capabilities
- ▶ USB 2.0 Host



Waveon 728

Mobile Terminal

Features:

- ▶ Rugged in-vehicle unit::Built-in GPS module::Built-in Voice/data GPRS module.
- ▶ Familiar platform for users and developers - Windows CE 3.0 or CE .NET v4.1.



Waveon 738

GPRS/GSM Mobile Data Terminal

Features:

- ▶ Portable Capabilities
- ▶ USB 2.0 Enabled
- ▶ Hot Swappable Battery Power
- ▶ Upgrade Storage Capabilities
- ▶ Seamless Video Playback

Accessories Available:

- ▶ Waveon 738 Mounting Cradle
- ▶ Fixed Mount with Junction Box



[More Info.....](#)

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