

Silver Palm Technologies

Turning Signals Into Intelligence



A wireless engineering company that specializes in high quality products, custom services, and quick-reaction solutions that support radio frequency and microwave distribution, signal conditioning, down and up conversion, and signal processing.

Your Solution From Antenna to Data

SP

Technologies

About Us

Silver Palm Technologies specializes in high performance, high dynamic range signal processing products that maximize system performance. Silver Palm Technologies offers a wide range of quality products and quick-reaction customized solutions for all applications and environments, including low size, weight, and power (SWaP), airborne, and shipboard. Our products cover high frequency (HF) through super high frequency (SHF) and include radio frequency (RF) distributions, non-blocking switches, receivers, software-definable radios, tuners, upconverters, and wideband digitizers.



SP-4301

RF Distributions and Switches

RF Distributions and Switches are available that cover 0.5 MHz to 6 GHz. Non-blocking switches support up to 8 inputs and 16 outputs. Numerous packaging options are offered including standard rack-mount, low SWaP, and fully qualified RTCA/DO-160 solutions. RF distribution and switch products incorporate proprietary high dynamic range amplifier technology that offers excellent signal linearity.



SP-2302



SP-4342

Receivers

Silver Palm Technologies offers true heterodyne receivers that provide exceptional RF performance at a very affordable price. Receivers support coverage from 20 MHz to 6 GHz with up to 80 MHz of bandwidth. Analog and digital intermediate frequencies (IFs) are available with digital IFs compliant with VITA 49 standards. Packaging includes man-portable solutions, rack-mount solutions, and open architectures such as VPX.



SP-8383



SP-8309

SP-8344



Software-Definable Radio Solutions

The Software-Definable Radio (SDR) product line includes highly integrated transceivers and receivers with state-of-the-art field-programmable arrays (FPGAs). Units offer standard features such as digital filters and re-samplers. Additionally, the platforms support user demodulators and algorithms. 10-Gigabit Ethernet (10GE) enables full use of digital bandwidths up to 80 MHz. Specialized products provide SDRs that are optimized to replace legacy receivers, allowing for an extremely economical way to extend the life of existing systems.



SP-8385



SP-1342

Subsystem Solutions

To assist in quick-reaction system integration, Silver Palm Technologies offers various components and packaging solutions that save time and space. These include multicouplers, low-noise amplifiers (LNAs), receive/transmit switches, power amplifier integration, and ruggedized packaging. Silver Palm Technologies specializes in low volume, quick-reaction customized solutions.



VNT-1301



SP-4711



SP-1394



SP-4710

For more information, visit www.silverpalmtech.com, e-mail info@silverpalmtech.com, or call 301-874-0065.