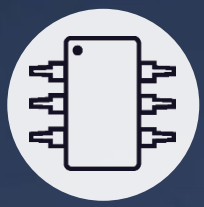
RINCON RESEARCH

EMPLOYEE OWNED

RF SIGNAL PROCESSING



HIGH-PERFORMANCE ELECTRONICS DEVELOPMENT

SPACE SYSTEMS

HIGH-PERFORMANCE COMPUTING

LiDAR TECHNOLOGY

SDR ADVANCED ANTENNA ARRAYS **FPGA HARDWARE**

SYSTEM DESIGN **SIGNAL EXPLOITATION** OFDM

GNSS/GPS ANALYSIS CYCLOSTATIONARY TECHNIQUES

DIGITAL SIGNAL PROCESSING PASSIVE RF SATELLITE TRACKING

ORBIT DETERMINATION **VHDL** ADAPTIVE BEAMFORMING

SPACE SITUATIONAL AWARENESS **GEOLOCATION ALGORITHMS**

SIGNAL ANALYSIS/SIMULATION SYSTEM ENGINEERING & INTEGRATION

DIGITAL COMMUNICATIONS SYSTEMS **MACHINE LEARNING APPLICATIONS**

SMALLSAT PAYLOAD DESIGN & INTEGRATION

COMPLEX PROBLEMS ADVANCED SOLUTIONS

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ENGINEERING & PROFESSIONAL SERVICES

SMALL COMPANY, GLOBAL REACH

AT RINCON RESEARCH CORPORATION, our core business is to design, build, test, and field digital signal processing (DSP) products and services. We use our superior expertise to serve our customers with a range of technologies.

WITH YEARS OF EXPERIENCE, Rincon Research Corporation provides results that go above and beyond expectations. Our hardware and software products impact the future of digital signal processing.

WITH OUR WIDE-RANGING EXPERTISE, Rincon Research Corporation can help you successfully complete challenging missions with innovative and cost-effective solutions.

SIGNAL COLLECTION, ANALYSIS, AND PROCESSING

Rincon Research Corporation has teams of experts researching and developing signal-processing algorithms, general-purpose signals analyses, and prototypes for a range of mission-critical systems to support our customers' signals technology objectives.

GEOLOCATION APPLICATIONS

As a pioneer in RF geolocation, Rincon Research Corporation continues to develop unique techniques and applications, including time-based, frequency-based, and interferometric techniques.

MISSION-ORIENTED SMALL-SAT SERVICES

Rincon Research Corporation has experience designing and integrating small-sat payloads to solve challenging RF problems. Our experienced engineers design, analyze, and plan missions to achieve maximum results with the latest small-sat technology.

DSP INFRASTRUCTURE DEVELOPMENT

Many of our DSP systems are built upon the Midas family of software that we helped pioneer and that is still in use today. Rincon Research Corporation continually evaluates and offers the latest software tools and hardware platforms to enable our customers' applications.

HIGH-PERFORMANCE ELECTRONICS DEVELOPMENT AND PRODUCTION

Our line of high-performance electronics includes FPGA-based SDRs and high-performance signal recorders. Our COTS products can be used as-is or customized to implement systems that perform to extraordinary standards.

CUBESAT PAYLOAD FOR HIRE

Our AstroSDR is a complete RF processing payload: configurable radio, FPGA signal processor, ARM processor, and data storage. AstroSDR combines state-of-the-art capabilities with a flexible design, resulting in a compact, efficient solution for multiple mission requirements.

DSP SYSTEM DEVELOPMENT

We have a 30-year history of developing cutting-edge applications that turn general-purpose computers into software-driven DSP powerhouses. Our DSP systems are deployed around the world by the U.S. Government in sea-, air-, and land-based applications.

SPACE SITUATIONAL AWARENESS AND ORBIT ANALYSIS

Our orbit engineers have a history of innovative and cost-effective solutions for high-accuracy orbit and maneuver determination. Our passive RF technology is ready to provide all-weather, 24/7 support to your mission.

GROUND TERMINAL OPERATIONS

Need a ground system solution? Rincon Research Corporation has a rich legacy of ground network digital-RF technology and antenna expertise to achieve scalable, cost-effective, command, control, and mission data links.

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