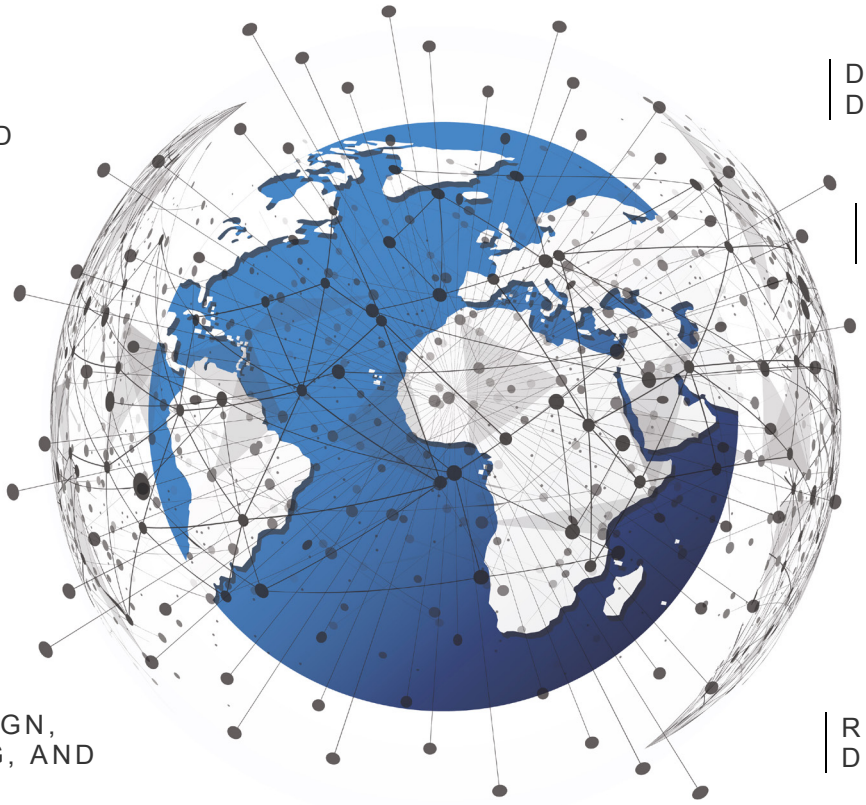
Rincon Research
Engineering and Professional Services

Small Company, Global Reach

At Rincon Research, 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.

EXPERIENCED

- SIGNAL COLLECTION, ANALYSIS, AND PROCESSING
- GEOLOCATION APPLICATIONS
- SMALL-SAT PAYLOAD DESIGN AND INTEGRATION
- GNSS ANALYSIS
- SYSTEM DESIGN, ENGINEERING, AND INTEGRATION
- RESEARCH AND TRADE STUDIES



ACCOMPLISHED

- DSP SYSTEM DEVELOPMENT
- DIGITAL-RF SIGNAL DISTRIBUTION
- SPACE SITUATIONAL AWARENESS
- PASSIVE RF ORBIT DETERMINATION
- RF ANALYSIS AND DESIGN
- HIGH-PERFORMANCE ELECTRONICS DEVELOPMENT

- ISO 9001:2015 CERTIFIED SYSTEM DESIGN, ASSEMBLY, AND TEST

Smart · Innovative · Trusted

Rincon Research Corporation
An Employee-Owned Company

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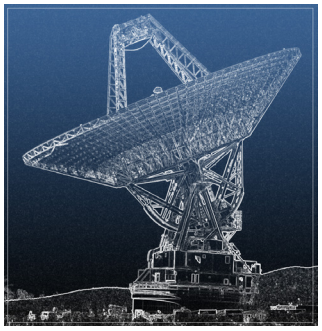
With years of experience, Rincon Research provides results that go above and beyond expectations. Our hardware and software products impact the future of digital signal processing.



With our wide-ranging expertise, Rincon Research can help you successfully complete challenging missions with innovative and cost-effective solutions.

SIGNAL COLLECTION, ANALYSIS, AND PROCESSING

Rincon Research 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.

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 continually evaluates and offers the latest software tools and hardware platforms to enable our customers' applications.

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.

GEOLOCATION APPLICATIONS

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

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.

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.

MISSION-ORIENTED SMALL-SAT SERVICES

Rincon Research 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.

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.

GROUND TERMINAL OPERATIONS

Need a ground system solution? Rincon Research 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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