# DataSoft

# Engineering Design Services

## RF & Digital Hardware

## Real-time Embedded Software

## Information Assurance & Security
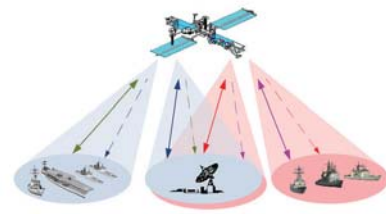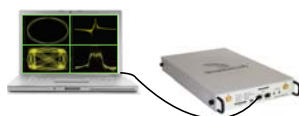
# DEPENDABILITY

Reduced Development Expenses

Shorter Time-to-Market

Mitigated Risk

Cost-effective Design

# EXPERIENCE

For 19 years, DataSoft has designed wireless communication solutions and related technologies. We develop innovative hardware and software designs, rapid prototypes, and production-ready products. Our clients range from the Defense Department and government agencies to small and large commercial companies. DataSoft's impressive track record is the result of our commitment to meeting objectives and time lines through expert system engineering and efficient development processes.

# TECHNICAL SPECIALTIES

Software Defined Radio

Information Assurance

Radio Network Management

Tactical Radio Accessories

Embedded System Engineering

Bandwidth Efficiency

**DataSoft**

# Thunder SDR

**Broadband Communications / TV White Space**

**Development and Test Platform**
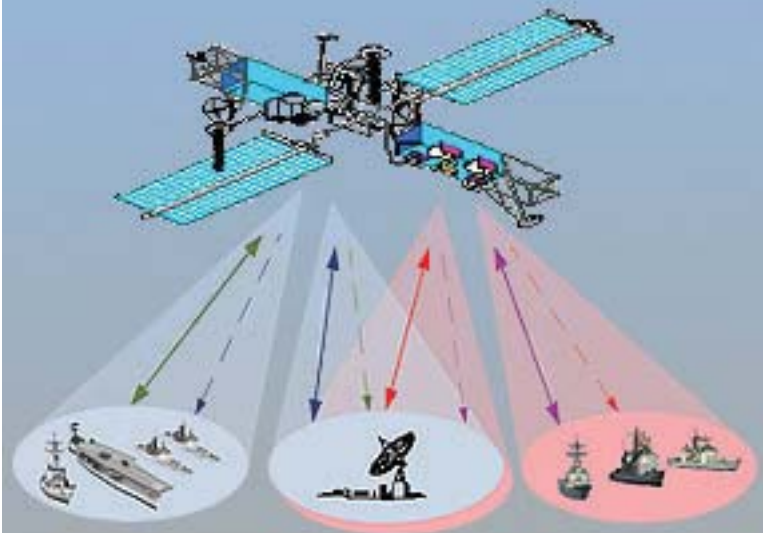
**Academic Research**

# SATCOM Software

**Bandwidth Efficiency**

**IP Networking**

**Information Assurance and Security**

# SideBridge and BlueLink

* Bluetooth
* WiFi
* GPS

# Microburst SDR

Broadband Communications / TV White Space

UAVs and Sensors

LTE Femtocell Backhaul

# What We Do

## Hardware

RF Transceiver, FEM, Baseband, and GPP

FPGA/CPLD

Custom PCB

Mechanical

Rapid Prototyping

3D ABS Printing

## Software

Real-time Embedded Applications

Real-time Linux, VX Works, and Green Hills

Secure Communications

IP Networking and QoS

Secure Bluetooth and WiFi Communication

Satellite Communication

Standards Compliance Tools

Waveform Porting, Analysis, and Verification

Cryptographic Application

Network Modeling and Simulation

Android Applications

Mission Control Applications

Web-based Command and Control

DataSoft

# FLEXIBLE BUSINESS MODEL OPTIONS

Time and Materials

Firm Fixed Price

Royalty/Licensing

Cost-plus

## TESTIMONIALS

*"DataSoft has been very responsive to the project's needs."*

**Division Contracts Manager, General Dynamics, C4 Systems**

*"We appreciate DataSoft as a teammate on various programs – Air Force HDR Modem, Navy ATIP program, and the network simulator advanced VSAT. Their engineering and software development contributions have allowed us to achieve program milestones in a cost-effective manner."*

**Vice President, Product Development, Comtech EF Data**

*"DataSoft has been extremely flexible and knowledgeable in achieving all tasks assigned to them. DataSoft's personnel are very qualified, all around subject experts, and can perform engineering, software development, and testing. They can juggle multiple tasks and fulfill multiple requests at the same time."*

**Contracts Manager, Lockheed Martin IS & GS**

*"Quality of deliverables was high and DataSoft worked very hard to maintain the quality. They integrated into the project well and were proactive in identifying and working on issues. Their technical expertise and experience was a definite contributor to the success of the test effort."*

**Manager, General Dynamics, C4 Systems**

## CLIENTS

**GENERAL DYNAMICS**   **COMTECH EF DATA**   **THALES**

**Space Data**   **Raytheon**   **LOCKHEED MARTIN**