President & Chief Executive Officer,

Daniel Flynn

flynn@accipitersystems.com

724-933-8895 x111

Vice President of Engineering,

Eric Helmsen

helmsen@accipitersystems.com

724-933-8895 x112

Accipiter Systems

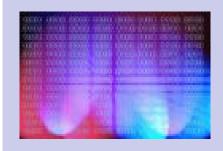12330 Perry Highway
Wexford, Pennsylvania 15090

Phone: 724-933-8895
www.accipitersystems.com
E-mail: info@accipitersystems.com

Capabilities & Services

Developing Innovative Data Communications Solutions

Company Overview

Accipiter Systems specializes in the development of next generation data communications systems for government agencies, DOD contractors and commercial companies.

Accipiter Systems is a small business and was incorporated in 2002.

Accipiter Systems customers include:

- Air Force
- Army
- DARPA
- NAVAIR
- NAVSEA
- Boeing
- Lockheed Martin

Contract awards include roles on:

- The DARPA ORCLE Program
- Joint Strike Fighter Mission Rehearsal Trainer
- High Altitude Airship

Core Competencies

- Industry recognized computer networking expertise
- Quality of Service (QoS)
- Asynchronous Transfer Mode protocol
- High production volume product design
- Engineering services
- Research and development

Capabilities

Accipiter Systems provides differentiating architecture, design, development and test of next generation data communications systems for military, paramilitary and commercial applications. The products that we provide our customers include systems, hardware, software and design documentation.

Accipiter Systems staff includes a core of experienced and highly trained engineers who are experts in data communications. Staff areas of expertise are:

- Quality of Service (QoS) Quantitative and Qualitative
- QoS Interworking
- LAN Emulation
- Switch Control Processor, Backplane, Fabric, Network Interface Card Design
- Connection-oriented/Connectionless
- Network Management
- Traffic Management and Traffic Shaping
- Securing Data At-Rest and In-Transit

Accipiter Systems is proficient in the use of several engineering development tools. These include:

- Systems Analysis/Structured Design Tools
- Viewlogic (DxDesigner 050), ORCAD, GEDA, Schematic Capture Tools
- Allegro CAD Tool Suite (including PCB Design HDL 220)
- FPGA Design and Simulation Tools (Quartus, Synplicity, Synopsys, Modelsim)
- GNU C/C++ Compiler and gdb debugger
- Microsoft Visual C++
- Clearcase, Subversion, Perforce, CVS, and sccs
- Configuration Management Tools
- Ethereal

Engineering Services

A greater number of customers are requiring data communication expertise to develop their system solution. Accipiter Systems provides the following engineering services:

- Program Management
- Requirements Specification
- Architecture
- Hardware and Software Design
- Hardware and Software Development
- Mechanical Mockup Development
- FPGA Design
- FPGA Development
- FPGA Simulation
- Mechanical Design
- Schematic Capture
- PCB design
- Prototype Fabrication
- Diagnostics Development
- Hardware and Software Test
- Hardware/Software Integration
- EMI/Thermal Scans

Why should I team with Accipiter Systems?

- Add differentiating computer networking expertise to your team
- Increase proposal appeal and award potential
- Gain access to SBIR programs and monies
- Meet small business set-aside requirements

 Accipiter Systems