

## ***Data Systems & Applications***

Network Engineering  
System Simulation & Modeling  
Software Design & Development  
Systems Integration & Test  
Business Case Development  
Program/Project Management

Systems Engineering  
Product Definition Development  
Hardware engineering  
Communication System Performance Analysis  
System Performance Measurement  
Custom Hardware Design & Development

## ***Systems Engineering***

System Analysis  
System Specification Development  
System Effectiveness  
DOORS Expertise  
System Integration/Test  
Reliability Design/Assurance (FRACAS)  
Maintaining/testability

Full System Life-Cycle Development  
Industry Studies & Technology Assessment  
Requirements Analysis /Management  
Hardware/Software Systems Design  
Requirements Generation & Verification  
Electromagnetic Compatibility Design (EMI/EMC)

## ***Software Engineering***

2-D and 3-D Graphics  
Demonstration  
Full Scale Development  
Networking  
Data Analysis & Display  
Computer Modeling

Concept Exploration  
Validation  
Database Design  
Real-time Programming  
Large-scale Scientific Programming  
Local/Inter-Platform Messaging & Communications

## ***Software***

Simulation  
Conversion  
Sizing  
Development Environments  
Development  
Rapid Prototyping  
Modular Structure Design

Emulation  
Migration  
Testing  
Production Developments  
Maintenance Methodology  
Microprocessor Software Design

## ***Hardware Development***

High Speed Digital Design  
FPGA  
Schematic Capture & Layout  
Design for Manufacturing

Analog Design  
Microprocessor Based Designs  
Prototyping  
Modified COTS Hardware Design & Implementation

## ***Programs***

VSCS  
TSU  
NADIN  
CON-R (Homeland Security)

VTABS  
VCSU  
ANICS

## ***Procurements***

FTI/ETVS  
NEXCOM

AFSSVS  
Digital Trunks