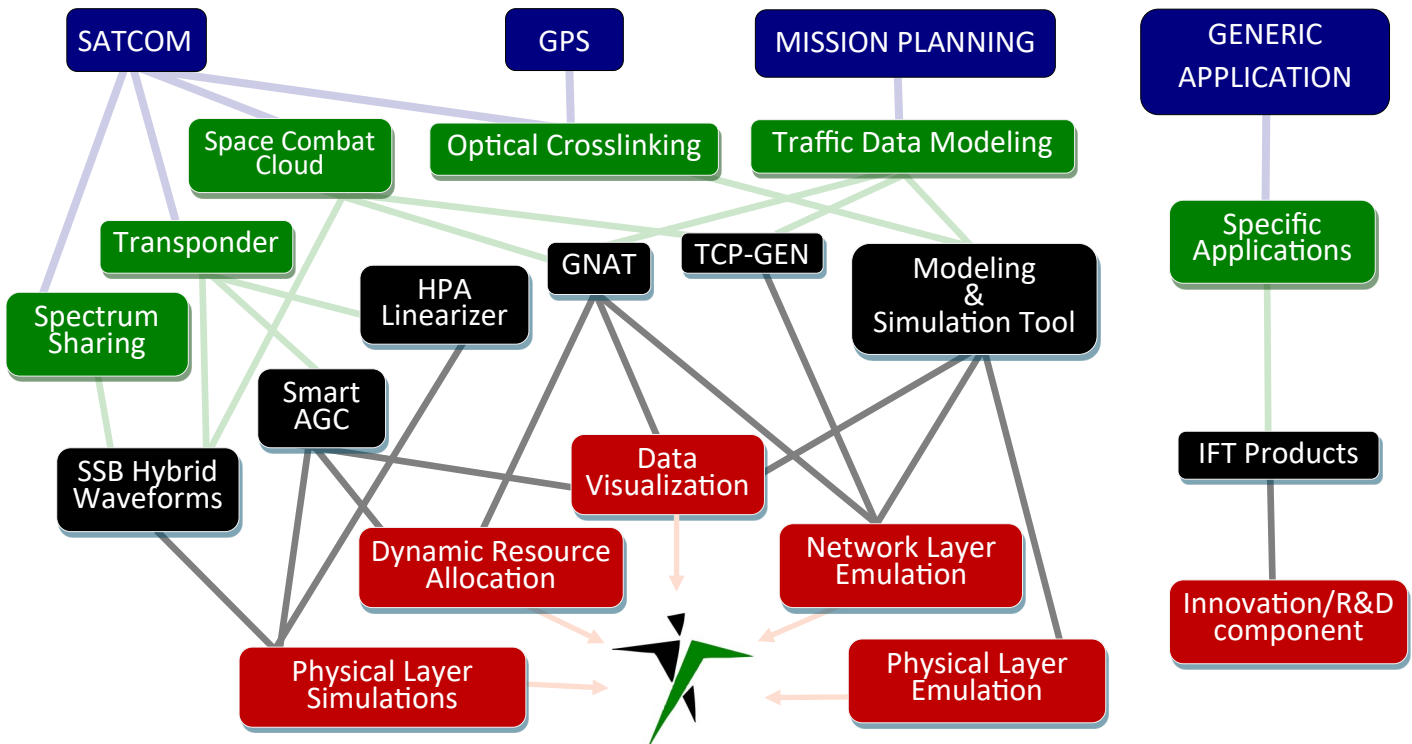




# IFT

**More Information  
More Accuracy**



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Intelligent Fusion Technology (IFT) specializes in delivering R&D and engineering services for the Defense and Commercial Sectors. Our rich portfolio of products consists of software tool kits, custom hardware, emulators, and algorithms for integration with the state-of-the-art systems spanning all SBIR phases and over 120 publications achieving a commercialization achievement index score of 80/100. Our company's purpose values scientific creativity, integrity, and respect manifested through our history of high-quality products and collective ingenuity.

## TECHNICAL AREAS OF EXPERTISE

- ⇒ Cyber Security
- ⇒ Signal & Image Processing
- ⇒ Computer Vision
- ⇒ Network & Communication Systems
- ⇒ Radar & Antenna Design
- ⇒ Hardware Implementations
- ⇒ Sensor & Data Fusion
- ⇒ Space Situational Awareness
- ⇒ Massive MIMO/5G Communications
- ⇒ Robotics/Autonomous vehicles
- ⇒ mmWave Radar o Spectrum Sharing/  
Cognitive Radios
- ⇒ Resilient & Autonomous Systems
- ⇒ Natural Language Processing/Social Media

## Test Beds

- ⇒ Game Theory using Mobile Robots
- ⇒ GPS Constellation Emulator
- ⇒ Cognitive Radio
- ⇒ Satellite Orbital Testbed for SATCOM using Mobile Robots
- ⇒ Persistent ISR
- ⇒ Space Situational Awareness (SSA)

## Research & Development

- ⇒ Game Theory
- ⇒ Machine Learning
- ⇒ Behavior Prediction
- ⇒ Cooperative Control Systems
- ⇒ Decision Making Systems
- ⇒ User Interfaces
- ⇒ High-Performance Computing
- ⇒ Big Data Analytics
- ⇒ Sensor & Data Fusion

## Company Highlights

IFT has delivered over 75+ fast, efficient, and reliable solutions

- 30+Phase II/IIIs
- 50+ patents and patent disclosures
- 6 transition projects
- 2 Licensed products
- 4 Tools tested with DoD analysts