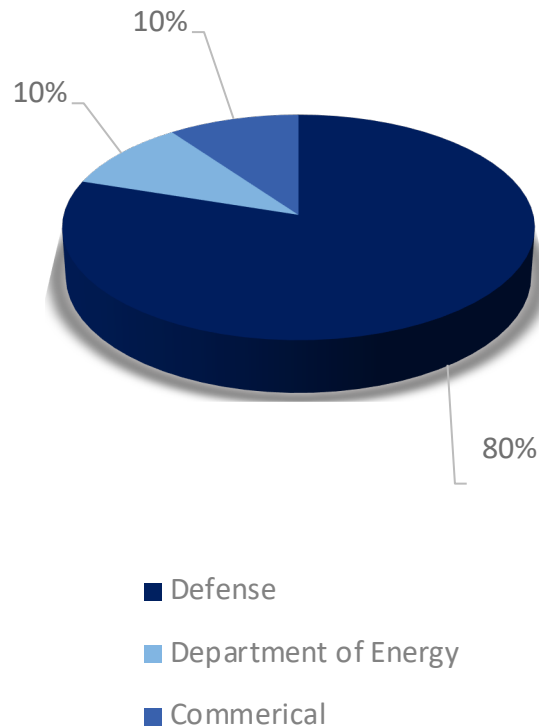# Mission Statement

Solve complex challenges in Defense and Commercial industries through engineering solutions, and Joint Venture partnerships to rapidly deploy solutions to a multi-domain threat environment.

- Disclaimer

Sapphire **BLU**™

Our Company

Business Markets

10%

10%

80%

- ■ Defense
- ■ Department of Energy
- ■ Commerical

Sapphire Innovative Solutions Inc. DBA Sapphire BLU has over 34 years of experience providing a wide range of services to military customers, including; Systems Engineering and Technical Assistance (SETA) and Advisory & Assistance Services (A&AS). Our specialties are systems engineering, project management, UAS research, cyber security, system integration, and consulting services.

Our Cybersecurity Group (CSG) was founded by leading experts in the cyber-security industry and has over 25 years of combined experience in cyber security arenas. CSG has a pedigree implanted in the world of Cyber-security, technology, engineering and academic technical instruction.

Established in 2006, we have grown our staff to 18 employees, operate from locations in Nevada, with business foot prints in Georgia, and DC, as well as various Data Center support locations.

NAICS code: 541330, 541512, 611430, 561612, 541690, 541513, 928110, 517919, 561210, 561620, 541611, 515111, 334112, 236220

Contact info:
info@sapphireinnovations.net
Web:www.sapphireinnovations.net
Phone: 702-810-1048

Sapphire BLU™

Professional Services

The business is currently in it 14th year with a complete infrastructure. We are looking to expand into the Washington, Atlanta, and San Diego market

- Cyber Security
- Work Force Development
- System Engineering & Integration
- Test and Evaluation
- Engineering Support
- Electronic Warfare (EW)
- Architecture & Engineering (A&E)
- Joint Venters for Rapid Development

Sapphire BLU™

Current contracts

Customer	Services	Role	Contract	Prime	Value
DoE	A&E	Sub	RSSI	MSTS	$ 10 Million
USAF	A&E	Sub	RSSI	Amentum	$282,00
US Navy	SETA	Prime	Seaport E	Sapphire BLU	$5 billion
US Navy	SETA	Prime	Seaport Nxt Gen	Sapphire BLU	$4.5 billion
USAF	SETA	Prime	57 OG Cyber/IT support	Sapphire BLU	$4.2millon
US Navy	SETA	Sub	TTS-4	Saalex	$92 million

Core Lines of Business	
• UAS network integrations	• Radar system support
• Project Management	• Operational Test and Evaluations
• Electronic Warfare A&AS	• Cyber Security Network Defense
• Research and Development	• Cyber Risk Management
• Tactical Data Link Engineering	• C4ISR Engineering Services
• Systems Integration Services	• Data Center Cloud Security Support
• Network Operations	• Cybersecurity Maturity Model Certification

Sapphire **BLU**™

Sapphire BLU Technology Support Services

A&AS	A&E	Cybersecurity	UAS	Engineering	Systems Integration	R&D	Simulation
Electronic Warfare Assessment/JT&E	Design assist	RMF Governance and Compliance	UAS Research Technology Transfer	Seaport Next Gen C2 Tactical Data Links	Joint Exercise support	AI, Cybersecurity, UAS technologies	JTACS Training Support

New

Sapphire BLU has a pending application to become a CMMC Third-Party Assessor Organization (C3PAO)

- Assist Organizations Seeking Certification (OSC) with the CMMC accreditation body (CMMC-AB)

- Schedule OSC assessment with the CMMC-AB

- Manage assessments with certified assessment teams to contracted client and provide advisory service to other OSC

- Provide certified professional assessors

Technology Transfer

Cyber Security (C3PAO)

Sapphire BLU has a pending application to become a CMMC Third-Party Assessor Organization (C3PAO)

C3PAO is authorized to enter into a contract to deliver CMMC assessments with:

- Assessed organization
- Certified assessors
- Registered Practioner

Cyber Security

Vulnerability Assessments & Pen Testing
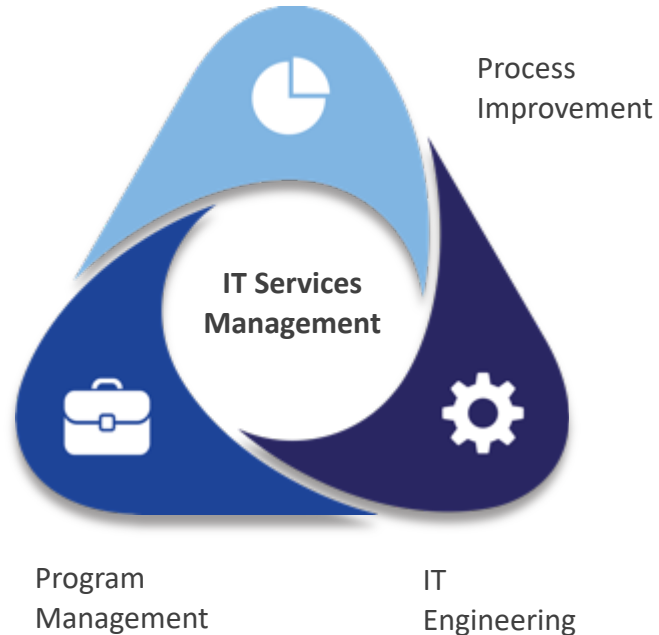
Our Services

Methodology

We focus on reducing risks, improving organizational cyber management processes, and protecting business profitability against loss through Cyber Risk Management implementation.

- Unified Security Management

- Managed Security Support Provider

Sapphire BLU™

Cyber Security

IT Governance DoD best practices

Process
Improvement

IT Services
Management

Program
Management

IT
Engineering

Cyber Security

- Security Assessments

- Risk Management Framework

- Security Awareness training

- Classification Management

- Advanced IA Cyber Security Solutions

- Cloud Security

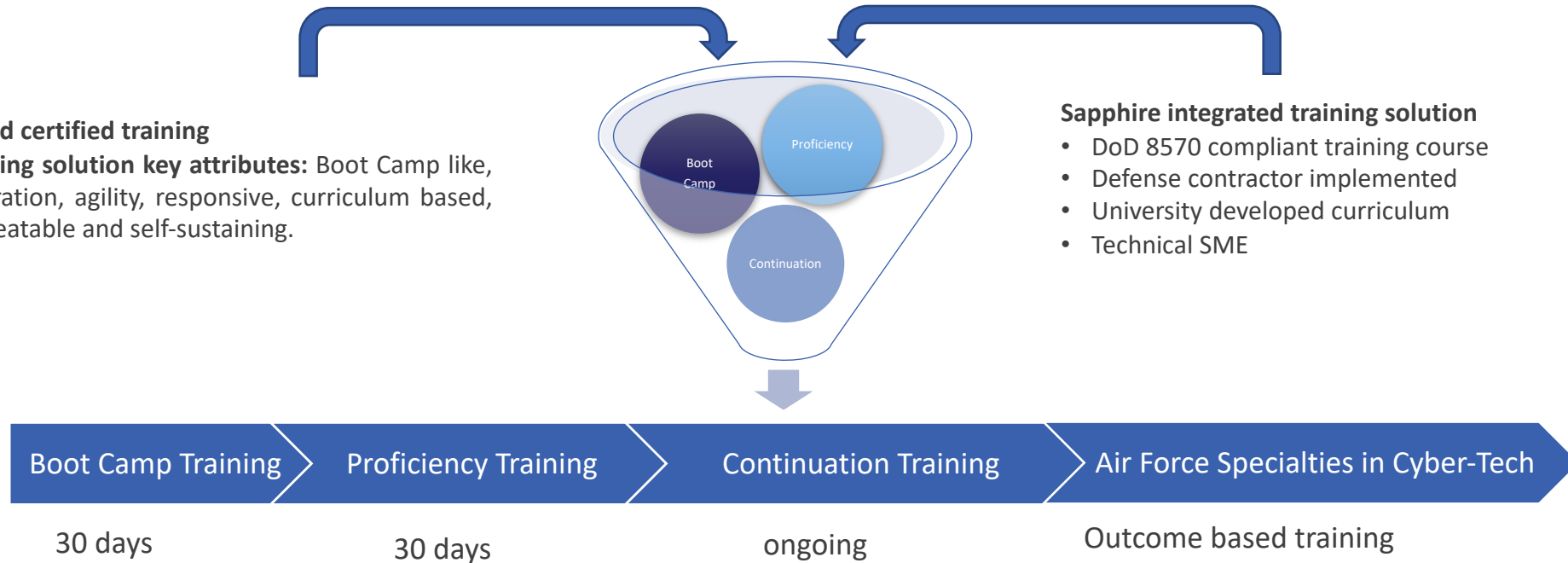Sapphire BLU ™

Sapphire BLU Training Support

Sapphire is developing a self-sustaining in-house Cyber-Tech training solution to address the challenges with, outdated Tech School technology training, newly arriving personnel lacking proper training, manning gaps due to heavy down range deployments, and retention of properly trained personnel.

Industry standard certified training
Cyber-Tech training solution key attributes: Boot Camp like, with a short duration, agility, responsive, curriculum based, measurable, repeatable and self-sustaining.

Boot Camp

Proficiency

Continuation

Sapphire integrated training solution
- DoD 8570 compliant training course
- Defense contractor implemented
- University developed curriculum
- Technical SME

Boot Camp Training	Proficiency Training	Continuation Training	Air Force Specialties in Cyber-Tech
30 days	30 days	ongoing	Outcome based training

Sapphire BLU™

JTACS Simulator Support

Joint Tactical Control Training, Rehearsal System (JTC TRS, JTAC dome simulator) in support of the 6th Combat Training Squadron, Nellis AFB
The 6 CTS trains Joint Terminal Attack Controllers (JTAC), Air Liaison Officers (ALO), Ground Liaison Officers (GLO), and Air Support

- ISSO support services
- Cybersecurity liaison
- Configuration management

Sapphire BLU™

Engineering Support

We manage a multi-year $5 billion dollars contract with the US Navy with the opportunity to provide the following professional services:

Engineering Services category include but, are not limited to the following examples:

Engineering, System Engineering, and Safety and Process Engineering Support

Software Engineering, Development, Programming, and Network Support

Interoperability, Test and Evaluation, Trials Support

Research and Development Support

Sapphire BLU™

ELECTRONIC WARFARE (EW)

EW

We provide Advisory and Assistance Services for testing, assessments, studies, and Foreign Material Exploitation of Electronic Warfare threats against DoD communications environment.
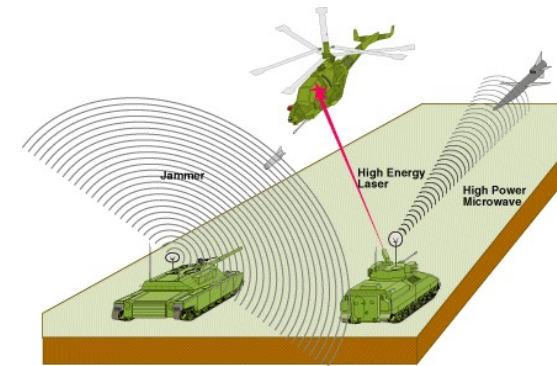
Military planners

 EW Engineering

Subject Matter Experts

Software Engineers

Database Engineers

Network administrators

Cyber Security

Jammer

High Energy Laser

High Power Microwave

ASSOCIATION OF OLD CROWS

Sapphire BLU™

Test and Evaluation

We support advance Fighter Testing and Evaluations

System integrator

Software Engineers

Database Engineers

Network administrators

Cyber Security compliance

System Administrator

Sapphire **BLU**™

System Engineering and Integrations

We support advance Close Air Support Joint Training

System integrator

Software Engineers

Database Engineers
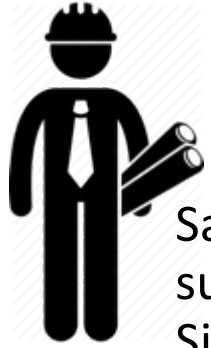
Network administrators

Cyber Security compliance

System Administrator

Sapphire **BLU**™

Architecture & Engineering (A&E)

Sapphire provides architecture and engineering (A&E) services to the U.S. Department of Energy in support of ongoing efforts to revitalize the current infrastructure at the Nevada National Security Site (NNSS) to a dynamic technological environment for the next 50 years.

We manage a $10 million dollar contract to provide a variety of architecture and engineering services across the Nevada National Security Site

Sapphire BLU™

Sapphire BLU R&D Technology Transfer

Value proposition: Rapid Integration of New Technologies in classified environments
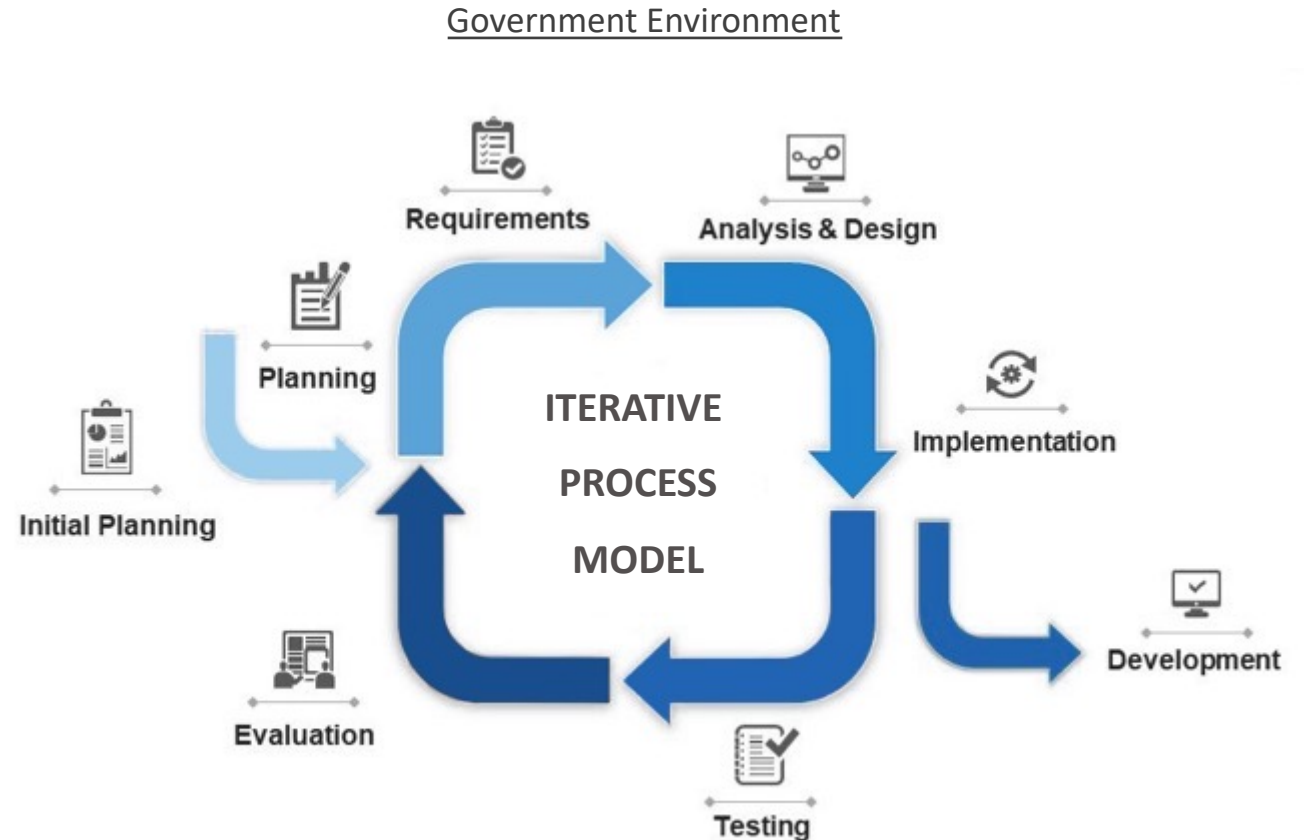
Sapphire BLU™

Government Environment

Defense Contractor Advantages
- Customer access
- SE&I into Defense environments
- Classified gateway "Data Diode"
  - Firewall commercial capability into classified environments
  - ATO process management

Technology Company Advantage
- Advance technology development
- Rapid development capability
- Technology hardware
- Training

ITERATIVE PROCESS MODEL

Initial Planning · Planning · Requirements · Analysis & Design · Implementation · Development · Testing · Evaluation

Sapphire BLU™

Autonomous Patrol Vehicle

AUTONOMY

The APV drives autonomously along a pre-defined route without constant human control

- Automation is made possible through drive-by-wire technology, which uses electronic controls to activate the brakes, control the steering, and operate other systems.
- The APV follows a pre-defined route, defined by geographic locations, to perform safety and security tasks.
- The APV will travel at an average speed less than or equal to 10 m/h.
- The APV has video, laser and inertial sensors for situation awareness and analysis.

SAFETY

Safe operation is critical to the APV mission

The APV has the following features to ensure safe operation:

- The APV will stop if it leaves the planned path, geofenced area, or if its position becomes uncertain.
- The APV will stop if there is an outage of the LTE link, a high-speed cellular network.
- The APV provides high quality video footage during its mission
- The APV is equipped with both a local and remote emergency stop button.
- The APV can be remotely controlled when necessary without computer intervention.
- Completely user programmable and user selectable missions

North American Technology

FEATURES

- Customizable
- Uses Artificial Intelligence
- Uses Telematics

CONTACT US

Orlando
13432 Kitty Fork Road
Orlando, Florida 32828
Phone: (702)721-2230
ken@atpdg.com

Nevada
Sales Representative

Sapphire **BLU**™

Contact info:
info@sapphireinnovations.net
Web:www.sapphireinnovations.net
Phone: 702-810-1048

Follow Us

www.atpdg.com

CUTTING EDGE TECHNOLOGY

AUTONOMOUS Patrol Vehicle

ATPDG Corp

Sapphire **BLU**™