COLSA

CDCA Defense Summit

2021 Company Overview

INNOVATION, DELIVERED.

A FAMILY OF PROFESSIONALS.

ABOUT US

Founded in 1980, COLSA is an information and engineering services and solutions company. We are a proven provider of innovative technologies with a commitment to helping our customers achieve their missions. We remain steadfast in our core goal: *to serve the company's customers with dedication and excellence.*

WHERE WE WORK

We provide our forward-thinking solutions across the nation, and our offices can be found:
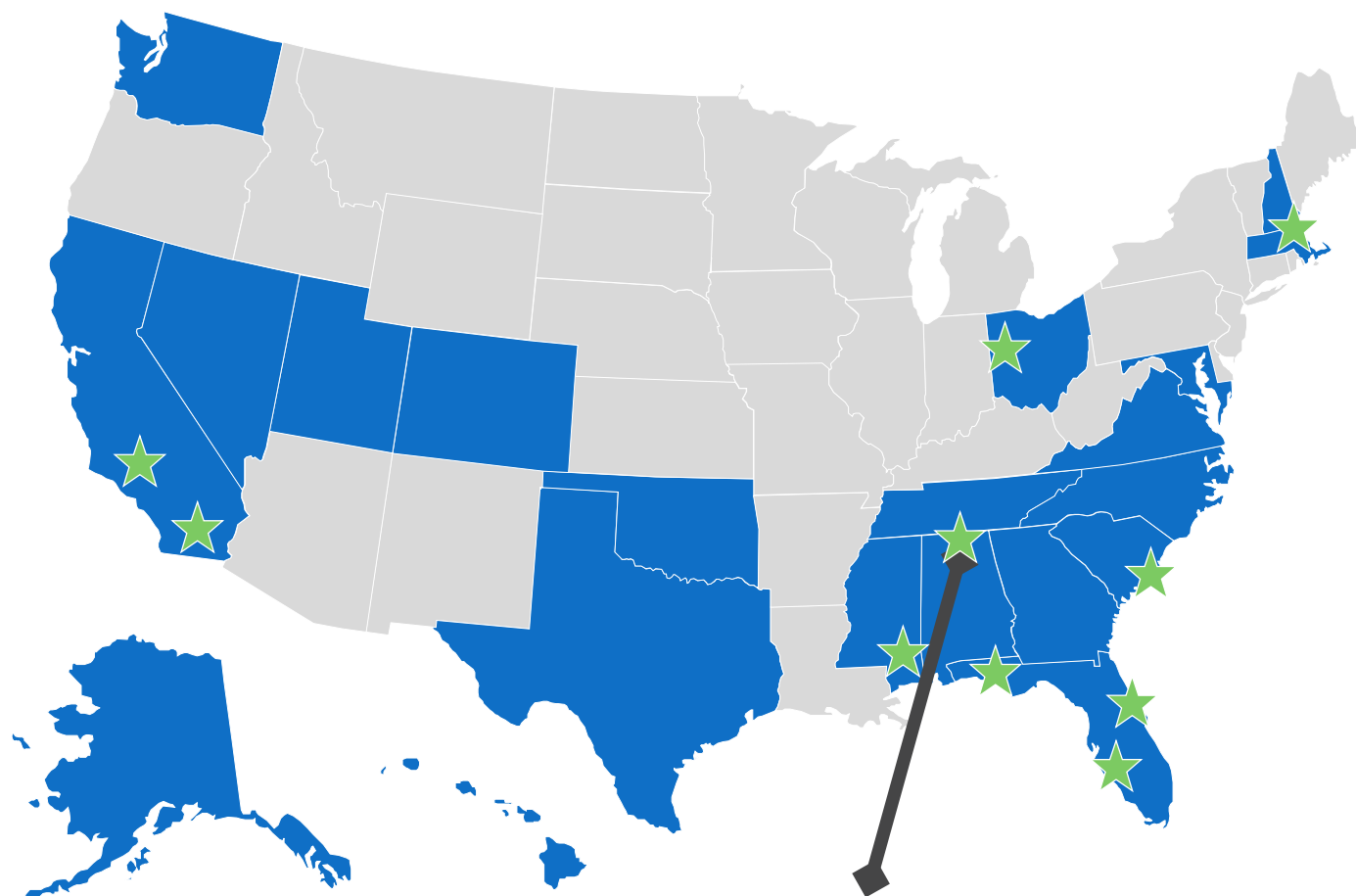
California

Colorado

Georgia

Alabama

Florida

South Carolina

Ohio

Massachusetts

Huntsville, Alabama

Founded in 1980 by Mr. Frank Collazo, our home office resides within reach of Redstone Arsenal.

FOUNDING A LEGACY

After serving more than 30 years in the U.S. Army, Francisco J. Collazo, a native of Puerto Rico, founded COLSA in 1980. Mr. Collazo envisioned a distinctive kind of engineering and support services company. His vision was to build COLSA with a reputation of excellence and quality work, to deliver unsurpassed customer support, and to create a work environment that would attract and retain the best talent.

Mr. Collazo's vision was soon realized with COLSA establishing a reputation as a first-rate provider of engineering and support services while employing a staff of respected experts. Because we have remained steadfast in our commitment to Mr. Collazo's vision – to serve our customers with dedication and excellence – COLSA has provided customers with innovative information and engineering services and solutions for 40 years.

Frank J. Collazo
Chairman

Van Corum
Vice Chairman & CFO

Chief of Staff
Tom Economy

Chief Operating Officer
Barry Gosnell
Executive Vice President

Dr. Richard Amos
President, CEO

Business Management
Cathy Dickens
Senior Vice President

Stan Soya
General Counsel

Business Development
Rob Harris
Vice President

Federal Support Services
Jim Hunter
Senior Vice President

Cyber & Information Warfare
Mike Ledbetter
Vice President

Enterprise Information Services
Jamie Combs
Vice President

Systems& Software Engineering
Ted Martin
Senior Vice President

North Florida Operations
Joe Anderson
Vice President

A family of professionals

Cyber and Information Warfare

Integrating people, processes, and technology to gain and maintain Information Dominance.

Defensive Cyber Operations

Offensive Cyber Operations

Information Warfare

Software Assurance

Cyber Solutions, Engineering Research and Development

Unmanned Systems

A family of professionals.

Data Science

Innovative solutions that leverage the power of Artificial Neural Networks, Intelligent Automation, and other technologies to deliver data-driven decision support at mission speed.

Knowledge Discovery

Multi-Source Fusion

Information Warfare

Edge Computing

Intelligent Automation

A family of professionals.

Enterprise Information Services

Modern solutions that leverage in-depth knowledge of Cloud Computing, Data Center Management, High Performance Computing, and Enterprise Information Technology to deliver a secure and scalable infrastructure.

Cloud Computing and Services

Data Center Management

High Performance and Scientific Computing

Enterprise IT Services

Enterprise IT Data Management

Secure Platform and Solution Development

A family of professionals.

Federal Support Services

Expert Analytical services, program management, and comprehensive solutions throughout the system lifecycle.

Acquisition and Program Management

Acquisition Logistics

Operations and Sustainment

System and Engineering and Technical Services

Studies and Analysis

Systems & Software Engineering

A CMMI-DEV Maturity Level 3 appraised innovative provider of advanced systems and software engineering solutions to defense, space, intelligence, and commercial customers worldwide.

Systems Engineering	Software Engineering	Test Engineering	Information Technology

A family of professionals.

Contract Spotlight

TStorm

The TSMO TStorm project is charted with developing a set of agile sUAS capabilities to extend the system networks, sensor suite, communication systems, and C2 software to better and more rapidly represent the real world asymmetric and near-peer unmanned system threat.

1 **Identify Threats**
- Research threat actors, equipment, indicators, events, and techniques.
- Evaluation of COTS and Open-Source capabilities enabling potential and future threat applications

2 **Develop Representative Systems**
- Acquisition of components and airframes, rapid prototyping, and integration with proven range compatible systems and operational procedures
- Threat tactics documented and employed safely for training and test ranges

3 **Test and Validate Solutions**
- Meet Air Worthiness Release, Cyber Security Risk Management Framework, Safety, Part 107, AR 95-1, and Policy requirements for operation on DoD ranges and National Airspace

4 **Train Operations, Planners, and Maintainers**
- Basic documentation to full TRADOC pubs quality Certified Training Support Packages
- Army Maneuver Center of Excellence (MCoE) Certified Master Trainers

5 **Deploy Threat Systems**
- Operational teams and SMEs to effectively deploy threat systems
- Coordination of Spectrum, Airspace, and Safety
- Develop and Advise on Tactics, Techniques, and Procedures

Team delivered the first Army approved drone swarm to the Threat Systems Management Office (TSMO), the swarm has hundreds of combined flight hours on Army ranges.

ARC

A mission-critical ballistic Missile Defense System (MDS) ground and flight test facility for MDA's entire end-to-end hardware in the loop (HWIL) and distributed modeling and simulation (M&S) capabilities.

1 Major consumer of intelligence assessments produced by the Defense Intelligence Community

2 Operations, Sustainment, and Maintenance (OS&M) for 28 individually configurable test labs with varying levels of HW and SW

3 Modeling and Simulation and High Performance Computing Systems

4 Development, Management, and OS&M of the computing infrastructure to enable geographically distributed testing using MDA Classified Network and Defense Research and Engineering Network

Contract Spotlight

HOSC

Mission is to provide data, video, and voice services for vehicle developers
in 13 nations and for 465 spaceborne payloads

1 Engineering, operations and maintenance, system development services for the International Space Station

2 Local and remote Data Services to support NASA spacecraft, payload, satellite, and propulsion systems operations services

Contract Spotlight

MSIC SCA

Support for MSIC's intelligence mission from data ingestion to assessment dissemination.

Support across thousands of systems with multiple classification levels to perform Scientific and Technical Intelligence (S&TI) analytic support within MSIC and across the intelligence community (IC) via infrastructure, software tools, data and military equipment analysis, program management, business processes, and testing activities.

1 Lifecycle and Systems Administration Management

2 Computer Infrastructure integration

3 Disaster Recovery Planning and Continuity of Operations

4 Automated Software Development, System Center Configuration Management (SCCM) Script Development

5 Network accreditation, vulnerability patching and scanning, information assurance vulnerability management

Contract Spotlight

S3E

Provides support for Army-wide programs from enterprise IT systems to weapon systems

1 Security Control Assessor-Validator (SCA-V); Assessment & Authorization (A&A) validations

2 Cybersecurity Services Provider (CSSP) as part of the National C5ISR CSSP Team for monitoring and incident response

3 Red Team support as part of the National Security Agency – certified U.S. Cyber command (CYBERCOM) TCNOT Red Team

4 Full RMF support for Army systems

5 Software assurance for Army, Air Force, and Missile Defense Agency (MDA) systems

6 Assist and lead the Army's Joint Federated Assurance Center Team

TMAS C4ISR

Provides software certification testing, C&A testing, penetration testing, cyber vulnerability assessment testing, regression testing, and security assessment testing
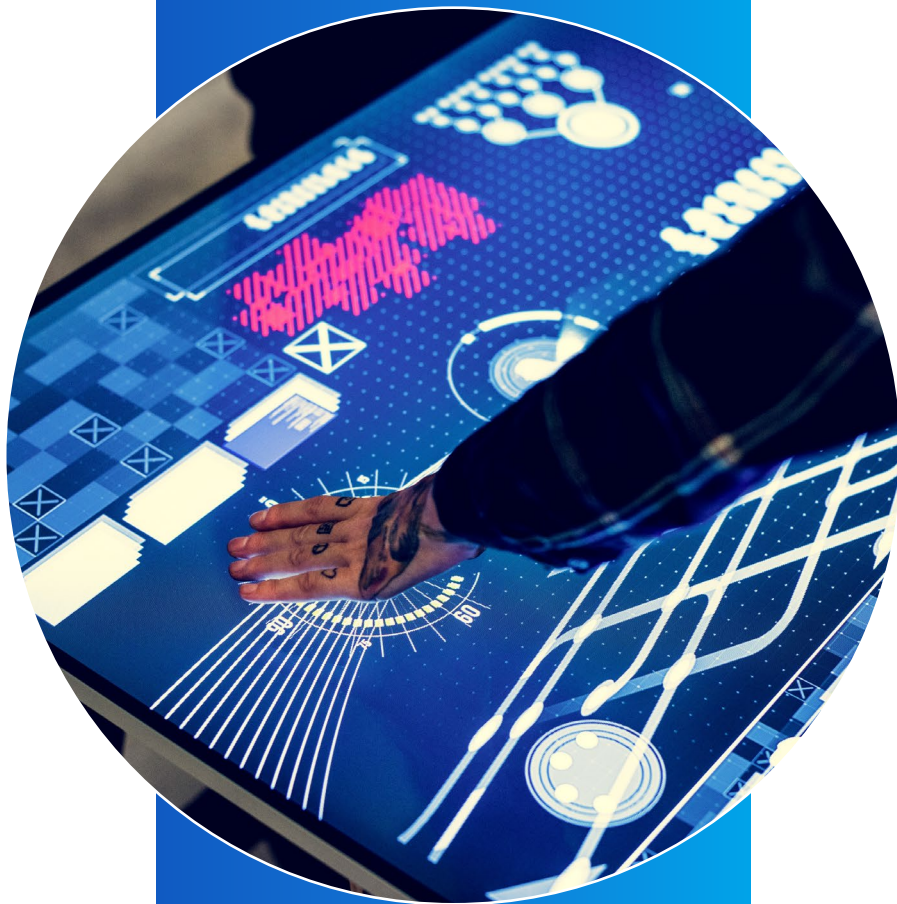
MOBILITY

Engineering services throughout every phase of the acquisition lifecycle including financial analysis and management, cost reporting, and configuration and data management. Participate as Integrated Product Teams (IPTs) and Product/Process Improvement Working Groups (PIWGs). Systems analyses for avionics system design/ design feasibility, and state-of-the-art assessment

Innovations

COLSA Software Factory

The COLSA Software Factory (CSF) designs, develops, and maintains software solutions using our Factory Agile Software Team (FASTSM) process. Our demonstrated procedures and techniques are used to build and test high-quality, secure products for defense, space, and intelligence customers. Our processes are integrated with our development infrastructure consisting of industry standard tools such as Jira, Confluence, Bitbucket, Bamboo, and Microsoft Teams.

Innovations

COLSA Cyberlab

The COLSA Cyberlab is a remotely accessible and completely virtualized environment that simulates both a typical enterprise network as well as public IP space. Every system on the Cyberlab has the capability to reach the Internet or be isolated. The lab is primarily used to simulate attacks on internal systems while developing indicators of compromise for the purpose of training network defenders and enhancing COLSA's threat detection capability. COLSA Cyberlab consists of a routed and switched network that separates public and private networks; an attack infrastructure that uses C2 redirection as well as simulated VPN capabilities from simulated Internet space to internal network space. The COLSA Cyberlab also can perform deep log analysis, DNS analysis and network traffic analysis on any system placed in the virtualized environment or even physically connected to the network.

Innovations

COLSA Data Analysis and Computational Sciences Lab

The COLSA Data Analysis and Computational Sciences (DACS) Lab maintains an on-going research focus to advance capability in support of innovative solutions. We recognize customers that need us often don't have the compute capabilities, accumulated research, personnel, processes or systems to securely process their data. Combined with our data engineering solutions, COLSA fortifies our customers by providing DACS Lab resources and capabilities to quickly meet mission needs.