

COMPANY DATA

Our Principals have over 20 years of experience working with CDC and other government agencies.

CODES

DUNS: 079695682

CAGE: 86CW4

TIN: 82-5498470

UEI: DE3LJUGN6EY5

NAICS:

541512 Computer Systems Design Services **(Primary)**

541690 Other Scientific and Technical Consulting Services

541511 Custom Computer Programming Services

541611 Administrative Management and General Management Consulting Services

541715 Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)

HUBZone certified!

We accept government credit cards!

CAPABILITY STATEMENT

Company Overview

Headquartered in Buford, Georgia and founded in 2018, Sophron Networks, LLC is a trusted leader in providing cutting-edge IT services to federal agencies and private sector clients. With seven years of experience, Sophron Networks LLC provides a comprehensive range of technology services, including application development, Agile and DevOps transformations, modernizing legacy applications, technology consulting, and assessments. Our approach involves rigorous planning, clear identification of milestones, a commitment to customer-centric services, and effective risk management.

Differentiators

Sophron Networks LLC provides a range of technology products and services, including application development, hosting and maintenance, Agile and DevOps transformations, modernizing legacy applications, technology consulting and assessments. The company is a Microsoft Certified Partner, and its staff are experienced in Azure, AWS, containers, and cloud-native technologies as well as modern software engineering utilizing domain driven design, micro-services, and APIs.

Past Experience

- United States Courts – Programming, Analysis
- CDC/ATSDR – Geospatial Research, Analysis and Services Program (GRASP) – Architecture, programming, analysis
- CDC – ITSO/AHB – Architecture, Program Management
- CDC – CSELS – Architecture, Program Management
- Federal Reserve – Architecture, DevOps
- CDC – OCIO – Architecture, DevOps, FinOps, Cloud Architecture, AI, Database Architecture, Data Center support

COMPANY DATA

Microsoft
Partner



Core Capabilities

- **Application Development & Modernization:** Custom application development, legacy system modernization, and full-stack software solutions using cutting-edge technologies and frameworks.
- **Agile & DevOps Transformation:** Complete Agile methodology implementation, DevOps pipeline creation, continuous integration/continuous deployment (CI/CD), and automated testing frameworks.
- **Cloud Solutions & Infrastructure:** Cloud migration, multi-cloud architecture, containerization with Docker and Kubernetes, and infrastructure as code implementation.
- **Cybersecurity & Compliance:** Security assessments, vulnerability management, compliance frameworks (NIST, FISMA), and zero-trust architecture implementation.
- **Technology Consulting:** Strategic IT planning, technology assessments, digital transformation roadmaps, and enterprise architecture design.
- **Data Analytics & AI/ML:** Advanced analytics solutions, machine learning model development, data pipeline creation, and business intelligence platforms.

CDC Projects

- **CSELS** – Worked on a BAA project for DHIS to design and build a next generation prototype for data transport to easily and securely transport data between CDC and its partners. Designed and coded microservices to process data and leveraged new tools such as Kafka, Minio, Consul, and SpringBoot to deliver a lightweight but robust and performant transport prototype. Utilized Agile development and DevOps tools for continuous integration and delivery.
- **MISO** – Implemented DevOps transformation envisioned by MISO. Working with client and BAH staff to embrace Agile/DevOps culture, enhanced collaboration, Agile teams, new tools, CI/CD, automated testing, and automated security scanning.

- ITSO/AHB – Brought innovation and fresh ideas to the newly formed Applications Hosting Branch. Helped to bring in new ITIL processes and support ISO certification. Introduced Splunk to bring new AI and machine learning capabilities to help monitor and report on data center environments. Other innovations included creation of virtual High Performance Computing clusters to support Pulsenet production needs and implementing DevOps tools like GitLab, Nexus, and OpenShift to enable AHB to offer new technologies to its developer users.
- ATSDR – Support GIS group which would later become GRASP. Helped to develop CDC's first Internet mapping site to provide valuable information about sites investigated as part of Public Health Assessments and Health Consultations.