

INNOVIM: Mission-Critical Integrity.

**Innovative Solutions,
Flawless Execution**

Science, Technology, and Engineering
for NASA, NOAA, and the DoD.



INNOVIM

Innovative Solutions, Flawless Execution



Trusted Guardians of Data and Infrastructure.

*"To deliver mission-critical
information with transparency,
accuracy, and integrity."*



**Women-Owned
Small Business
(WOSB)**



**ISO 9001:2015
Certified**



**Top Secret (TS)
Facility Clearance**

InnoVisions™

The Strategic Advantage

Rapid Prototyping

Test scale, throughput, and resilience with auto-failover.

Ready Components

Pre-built extractors (APIs, HTTP) and message busses (Kafka, RabbitMQ).

Performance

Profiling AWS services for I/O performance & ingest metrics.

Granularity.

Record-level logging and status reporting.

SECTOR: DEFENSE (DoD).

Defending the Enterprise.

- Systems integration and 24/7 operations
- Cyber defense and cloud computing
- Sustainment of mission-critical systems
- Hardware/software integration for tactical environments

INNOVIM Defense Services (IDS) | Top Secret Facility Clearance

Global Scale: Missile Defense Agency (MDA).

Project: IRES - Integrated Research Development for Enterprise Solutions.

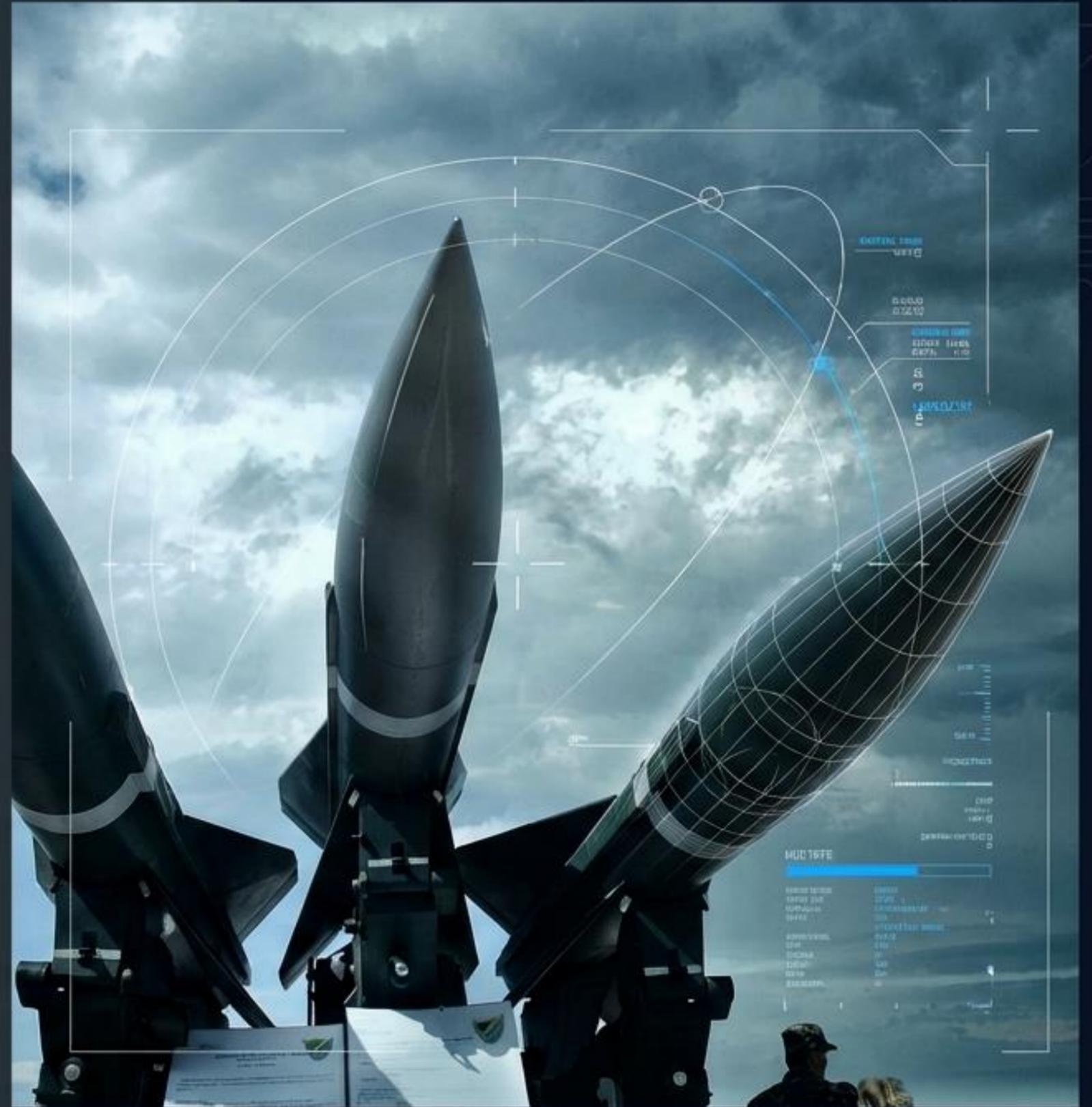
28,000+

Users Supported

250

Global Locations

Providing 24/7/365 operations for the Missile Defense Integration & Operations Center (MDIOC). We manage cloud computing, network defense, and Red Hat Linux infrastructure to support the Ballistic Missile Defense System.





Strategic Warning: NORAD & US Air Force

Project: NISSC II (NORAD)

Sustainment of mission-critical systems for the Cheyenne Mountain Complex. Delivering DevSecOps services and virtual infrastructure updates for Integrated Tactical Warning/Attack Assessment.

Project: Kessel Run (USAF)

Advanced Data Science Services including data governance, metadata management, and microservice-based architectures.



Powering Exploration

SECTOR: SPACE (NASA)

- **Instrument Design:** Remote sensing systems build & launch.
- **Science Data Engineering:** Big data and mobile computing solutions.
- mobile computing solutions. -nent.
- **Propulsion Support:** Valve and fluid system evaluation for spacecraft.
- **Data Distribution:** Processing advanced algorithms on commodity hardware.





Earth Intelligence: EOSDIS & ICESat-2

EOSDIS (EED-3)

Improving reliability for the Earth Observing System Data and Information System. We reduce operational costs while distributing terabytes of Earth science data.

HBG (Hydrosphere, Biosphere, Geophysics)

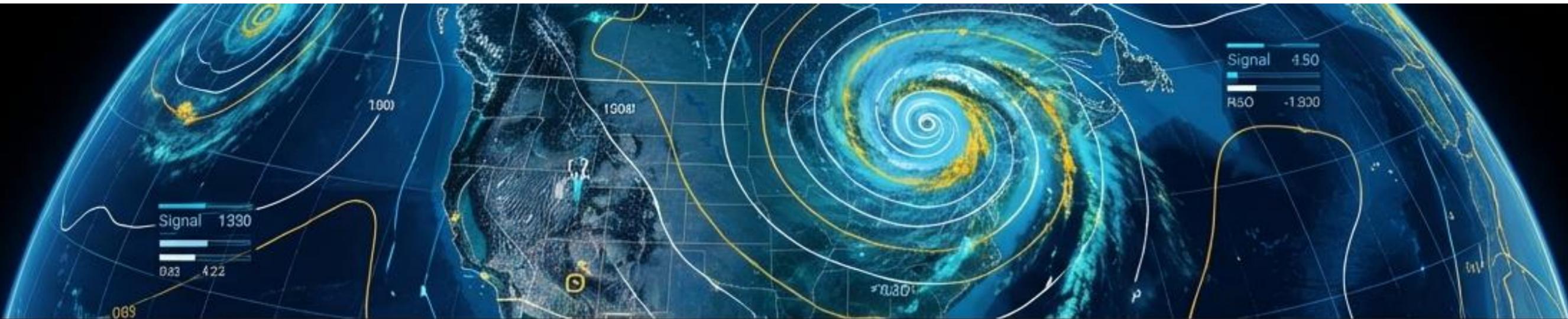
Supporting the ICESat-2 Instrument Support Facility. Monitoring and operating the ATLAS laser altimeter system to measure ice sheet elevation.

Forecasting the Future

SECTOR: ENVIRONMENT (NOAA)

- **Extreme Weather Modeling:** Precipitation, temperature, and atmospheric phenomena.
- **Satellite Data:** Enterprise ground systems for polar-orbiting satellites.
- **Resilience:** Modeling the effects of extreme weather events.





Comprehensive Support: From Space to Supply Chain

Scientific Support (SWO)

Providing expertise for Observing System Simulation Experiments and flight project formulation.

Logistics Management (NWS)

Supply chain planning and resource coordination for the National Weather Service during severe events.

Administrative Support (OSPO)

Strategic planning and budget oversight for Satellite and Product Operations.



The Technical Arsenal.

We Develop Innovative Solutions.

CLOUD & DEVOPS	LANGUAGES & FRAMEWORKS
AWS, Azure, Kubernetes, Jenkins, Docker, Ansible	Python, Java, C++, TensorFlow, PyTorch, Angular, Ruby
DATA & OS	TOOLS
Hadoop, SQL Server, Oracle, Red Hat Linux, UNIX	Jira, Gitlab, ArcGIS, Snyk, Selenium

National Reach, Local Presence.



Headquarters:

Silver Spring, MD

Space Hubs:

Greenbelt, Huntsville,
Pasadena

Defense/NOAA Hubs:

Colorado Springs,
Ft. Worth, Boulder

Key Sites:

Boston, Sterling,
Anchorage

Leadership & Experts

Backed by subject matter experts in science and engineering.



**Samira "Sammy"
Samadi**

Managing Member



**Marianna
Murphy**

President



**Shahin Samadi,
PHD**

Chief Innovation Officer



**Mark
Rodrigues**

Sr. VP, Operations and
Growth - DoD

Streamlined Procurement.

NOAA ProTech Satellite 2.0
NOAA ProTech Weather 2.0
(Small Business)
NASA SEWP
GSA MAS
NMITS

NAICS Codes:
541330 (Engineering),
541611 (Management
Consulting),
541512 (Systems
Integration).



Forging Knowledge Advancement.

*Empowered people enabling smart decisions
through data analytics and exploration.*