

OVERVIEW

Our Mission

The Catalyst Accelerator Ogden empowers nontraditional technology companies to accelerate their involvement in the national security ecosystem by providing connections, mentorship, and business development in a collaborative setting for a lasting national impact.

Description

The Catalyst Accelerator Ogden is powered by the Department of the Air Force (DAF) Digital Transformation Office (DTO) and is launching its second Accelerator cohort. It is a semi-residential, three-month program for small businesses that provide business development training, connections with users and government liaisons, and fosters mentorship with industry and government subject matter experts. The Catalyst Accelerator Ogden does not assume an equity stake in the Accelerator cohort companies and instead relies upon sponsorship funds to support the companies' travel costs and to enhance the Accelerator program.

It is based on the proven model of the Catalyst Accelerator in Colorado Springs and had its debut in the Spring of 2022. The Catalyst Accelerator program has launched eleven Accelerators to date with 86 participating companies. By the end of 2021, the Catalyst Accelerator had launched eight cohorts with 62 participating companies, 284 contracts won, over \$290M in contract follow-on funding, 933 jobs created, and over \$650k in sponsorship funds. The economic impact associated with the three Accelerator cohorts hosted in 2022—including the inaugural Catalyst Accelerator Ogden—will be available in mid-2023.

Challenge Statement

The Department of the Air Force (DAF) Digital Transformation Office (DTO) is seeking small businesses that provide novel ways to ingest, digest, or assess digital models (special interest in MBSE SysML, CAD, and FEA models) to streamline the certification of a system. As more programs within the USAF and DoD embrace digital models, the complexity and quantity of data needing to be processed through the certification pipeline will increase, so the DTO is searching for technologies that can streamline the ingestion, digestion, and analysis of models to certify systems. The certification process requires the timely input and assessment of underlying engineering to assist the certification teams, and this is currently done through manual and semi-automated processes. With the rise of digital twins, model-based system engineering, and Dev*Ops, certifying these systems has expanded beyond what humans can do in a timely fashion, especially as more programs within the DAF and DoD embrace digital models. The goal of this Accelerator is to explore technology that can help accelerate and automate the certification process. This process includes certifying software and hardware designs for airworthiness, cyber security, and nuclear surety.

Key Dates

Accelerator in Session: March 7 - May 25, 2023
Demo Day: May 24, 2023

Contact Us

OgdenAccelerator@CatalystCampus.org



SPRING 2023 COHORT



Acuity Innovations LLC is a small, woman-owned defense contracting company that provides digital ecosystem design, program integration, and program sustainment services to defense customers. Our core services are delivered through expertise and experience in enterprise architecture, solution design, digital engineering, defensive cyberspace operations, system integration, and test and evaluation capabilities that improve performance and decrease decision timelines.

Location: Colorado Springs, Colorado
Website: acuityinnovationsllc.com



OP Media, Inc. is a digital transformation company, with a proprietary software system of technology focused on the digital transformation market for all businesses. The OP Builder Engine is a proprietary translation software system that allows any user to digitize, version, activate, and track all parts of an organization's process. This allows for customization of content, click-through interactions, real-time updating and data-tracking of digitized processes.

Location: Draper, Utah
Website: opmediainc.com



RedShred is an API-first, AI/ML-powered platform that turns data trapped in documents into usable, structured information. It helps teams extract, enrich, and reshape content for smarter applications and higher value work. It supports common formats, and easy integration with existing platforms.

Location: Baltimore, Maryland
Website: redshred.com



Intrinsic is a technology services and product development company delivering modern applications and scalable Cloud software solutions. Established in 2015 and headquartered in Seattle, Intrinsic's core engineering team provides valuable solutions for the USAF, the USN and commercial customers.

Location: Newcastle, Washington
Website: www.intrinsic.ventures



Tensor Networks is a software developer NAICS 513210 that produces the SARAH AI platform. SARAH is an acronym for situational awareness response and help AI. SARAHAI is a bolt-on AI addition to existing surveillance systems and IP cameras for big data streaming analytics across video infrastructure.

Location: Sunnyvale, California
Website: www.tensornetworks.com



At Prewitt Ridge, former SpaceX and Slingshot Aerospace engineers are building digital engineering tools to promote collaboration and innovation across the entire engineering lifecycle. Verve is an engineering collaboration environment that eases inter- and intra-team friction while designing complex systems. Our software establishes an inclusive digital engineering workflow that enables integration of data sources from multiple design systems, tools and standards.

Location: Los Angeles, California
Website: www.prewittridge.com



InnoVet is a pioneer in Digital Decision Making. We offer purpose-built digital engineering software and techniques to enable multidisciplinary teams to make decisions on many types of complex problems for customers at all digital maturity levels. InnoVet, Clarity from Complexity.

Location: Dover, Delaware
Website: www.innovetusa.com



GURU Technologies develops custom software, web apps, mobile apps, databases, UI/UX design, desktop & server programming as well as technical support.

Location: Layton, Utah
Website: www.gurutechnologies.net



WHO WE SUPPORT

Utah Aerospace and Defense Cluster

Catalyst Campus is partnered with the City of Ogden to lower the barrier of entry for technology adoption into the DoD and drive modern capabilities to the warfighter. Ogden is focused on growing a robust and regenerative ecosystem that produces the innovation, workforce training, talent growth, and economic opportunities that the Utah aerospace and defense industry needs to thrive. This collaborative ecosystem enables industry, small businesses, entrepreneurs, startups, and venture capitalists to intersect with the aerospace and defense industry to create a community cluster, spark innovation and stimulate business growth.

Within the Utah Aerospace and Defense Cluster, Hill Air Force Base (AFB) has an impressive local economic impact as the largest single-site employer in Utah with a total annual economic impact of over \$7.1 billion. Hill AFB creates over \$3.8 billion in indirect jobs and created over 56,600 job opportunities. There are nearly 22,000 employees working within Hill AFB. Over 5,000 of those employees are military, over 14,000 are civilians, and the remainder are contractors. Hill AFB has an annual federal payroll of nearly \$1.6 billion and annual expenditures of nearly \$1.7 billion.

Department of the Air Force Digital Transformation Office

The DTO is responsible for digital transformation initiatives across the Air and Space Forces. It is focused on leveraging modern digital technologies and facilitates collaboration across Department innovators, AFWERX, and DAF Software Factories. The DTO is the Government sponsor for the Catalyst Accelerator Ogden. As the Government sponsor, the DTO shapes the challenge statement addressed by each cohort and provides use cases to help the cohort identify how their technologies solve it.

Air Force Research Laboratory (AFRL)

The U.S. Air Force awarded Northrop Grumman a \$13.3 billion contract to modernize a crumbling Minuteman III infrastructure by developing a next-generation Intercontinental Ballistic Missile. The replacement of 400 aging missiles will cost 83 billion dollars and take until the mid-2030s. Hill AFB is slated to host a new Mission Integration Facility that will serve as a headquarters for these new modern initiatives. This initiative is the USAF's first major program to earn the e-Programs designator, meaning it leverages digital engineering, agile software development, and open systems architecture. The Catalyst Accelerator Ogden focuses on U.S. Air Force-enterprise digital solutions that can support modern, fully integrated digital systems, commercial tech transfer, innovation, and workforce development programs.

Software Engineering Group

The 309th Software Engineering Group, (SWE), is comprised of 2,100 personnel, and its primary customers are the System Program Offices for fighter aircraft and for missile and space systems. This grants it a diverse workload ranging from developing Software Integration Laboratory environments, command and control and space systems for Sentinel, and aircraft programming. The Catalyst Accelerator Ogden has a digital focus that supports use cases within SWE and supports rapid modernizations of warfighter capabilities.

