

## Identity, Credential, and Access Management (ICAM) Edge Solution

Federal ICAM Platform Enabled at the Edge



## The keystone for a true zero trust architecture

Cybersecurity is a critical component of national security and strategic deterrence. For the last two decades, the Department of Defense's (DoD) cybersecurity was based on a defense in-depth strategy that started at the outer most perimeter and worked inwards towards the warfighters. To address increasingly sophisticated adversarial threats to the Federal technology infrastructure of the Office of Management and Budget (OMB), DoD has released zero trust architecture (ZTA) and maturity models. ZTA shifts the focus of cybersecurity defenses from a static, perimeter/defense in-depth strategy to a data-centric and enterprise-wide embedded strategy enabled by ICAM.

The foundational ICAM capability is required to properly authorize personnel, including Common Access Card (CAC) holders and non-CAC eligible stakeholders, to securely access authorized data from any location, using any device, at any time. The federated capability of ICAM mitigates current inefficiencies, facilitates strong authentication to current state-of-the-art cloud services, provides authorization services with role-based access controls and attribute-based access controls, and enables auditing of users and resources.

## A proven solution

GDIT has teamed with industry leading partners to develop an ICAM solution that has been effectively deployed within US Federal and DoD agencies. GDIT collaborates with select partners to leverage their experience, insight and technological advantages to develop a predefined ICAM platform that can help you quickly achieve accreditation milestones for your authority to operate in the US Federal and DoD networks.

This ICAM platform is currently undergoing deployment in high security environments to achieve U.S. Federal government security program accreditation. A full product offer is targeted for mid-2022.

## Why leverage GDIT's ICAM solution?

Day in and day out, thousands of adversaries are testing our nation's defenses, looking to gain unauthorized access to assets of the United States. As one of the federal government's and DoD's largest IT contractors, GDIT supports enterprise and ICAM edge efforts.

Our solution effectively reduces dynamic threats against a devastating cyber-attack, a security breach, or an insider threat. GDIT has created a holistic, integrated ICAM solution to protect access to resources, resulting in properly configured tools that increase speed and accuracy of authentication processes.

Our ICAM edge solution is based on modern technologies and approaches, improves data sharing and protection simultaneously, and enhances overall security and network access, while also improving the user experience.

The benefit of our ICAM edge solution is customers can establish ICAM capabilities quickly. The stack (which includes required hardware and software) can be shipped to a base or forward operating location, already built and configured, to start your foundational ICAM service capabilities immediately.

## Rapid onboarding

The ICAM solution supports component level onboarding. This allows for the flexibility to begin deployments within the data center with capabilities to bring on edge and cloud elements as the solution is expanded. This flexibility helps customers build out their ICAM based on their operational and budgetary considerations

The edge technology stack is set up as an on-premises managed service capability and includes support, licenses, and maintenance requirements. The ICAM edge synchronizes with the Enterprise ICAM for a complete end-to-end solution.

### SOLUTION ADVANTAGES

- **Streamlined, integrated, iterative approach:** leverages real-world use cases to prioritize the backlog, and integrates account management across the enterprise
- **Reduced technical uncertainty:** resolves the technical uncertainty of non-DoD personnel and systems, validating them prior to access authorization
- **No software development needed:** a holistic set of COTS tools only needing tailored configuration to customer environments
- **Shorter deployment time and lower costs**
- **Access to authorized data is seamless to the user**
- **Complete and holistic services:** includes on-site deployment and accreditation assistance
- **Harmonize disparate sources of information:** brings meaning and confidence to user identities

### SOLUTION FEATURES

- Rapid onboarding modern identity services zero-trust principal architecture
- Account provisioning and identity synchronization
- On-premises, in the cloud, or hybrid deployment
- Ease of use fewer credentials to manage Identity lifecycle management

## ICAM platform capability elements

