

ICAM Solutions

Federated Identity, Credential, and Access Management



There's an increasing demand for multi-agency information sharing and collaboration, as well as migration of data, applications, and services to multiple cloud environments. As such, maintaining and enforcing access controls in increasingly decentralized identity providers is even more critical. Application administrators and data owners require the ability to authenticate users from a variety of sources and define access control policies that are increasingly complex. Role-based access control models just cannot keep up.

Solutions must be able to integrate identities and identity information from a variety of sources, including cloud-based identity management sources, agency level active directories, or other directory services, as well as support hundreds or thousands of user-specific attributes and extend to details such as the user's current location, device, clearance levels, or special access categories.

CACI's Federated Identity, Credential, and Access Management (ICAM) Solutions

Our experts have designed ICAM technology solutions that easily integrate identities and attributes from multiple participating organizations, without requiring additional user accounts or domain or forest trusts. We enable integration with a variety of client and web-based applications, such as Outlook, Office 365, SharePoint, Apache/Tomcat, and IIS, data stores like Oracle, MySQL, and SQL. Our solutions have been designed to be able to run on any environment, from on-premise to C2S and commercial cloud.

CACI's ICAM solutions also provide both fully or partially automated data categorization and classification capabilities, using custom rules engines that can identify Personally Identifiable Information (PII), such as Social Security numbers and birth dates, or context-aware keywords.

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Features

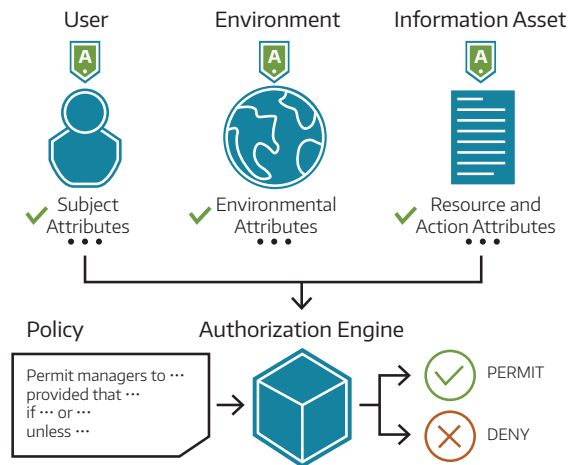
- Host anywhere – protect data on premise and in the cloud
- Integration with a variety of client and web-based applications
- REST, OAuth, SAML, and WS-Federation support
- End-user training for self-service policy development
- Aligns with Federal ICAM reference architecture

Benefits

- Share data, services, and applications across agencies
- Easily develop and enforce granular data access controls
- Easily onboard applications and data
- Enables contextual and dynamic access control decisions
- Increased protection of mission critical data
- Reduced risk of insider threat

Why Attributed-Based Access Control

Role-based access controls typically rely on security groups and access control lists to determine whether a user has access to data. But what if the decision needs to include things such as, Where is the user now? What type of device is the user currently using? What network is the user currently on? Role-based access controls alone cannot support this type of decisioning making.



Attribute Based Access Control enables rule-based decision-making in determining if a user should have access now. In fact, attribute-based access controls can be extended from users to devices and can be based on static or dynamic situational attributes such as time of day, device type, network, and geographic location.

Why CACI Is an ICAM Leader

CACI's Federated ICAM technology solutions enable agencies to implement highly scalable, flexible, and secure access control policies to protect data assets from unauthorized access, manipulation, or removal, while ensuring the right people have access to needed data, applications, and services. CACI experts have developed and integrated solutions using a variety of leading commercial off the shelf products and services, such as Ping Identity and Sail-Point, as well as custom-developed microservices compliant with XACML3.0 standards.

We include training for data owners to quickly get up to speed with policy development through an easy to use policy administration server. We also provide software development kits, which enable application developers to quickly integrate both legacy and new applications, providing highly flexible access controls to critical mission data.

CACI experts have a long history of innovating technology and consistently deliver high-value solutions that protect our nation's interests and transform enterprise and mission operations – from intelligence, to secure information technology, and other vital national security needs.



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CACI's approximately 22,000 talented employees are vigilant in providing the unique expertise and distinctive technology that address our customers' greatest enterprise and mission challenges. Our culture of good character, innovation, and excellence drives our success and earns us recognition as a *Fortune* World's Most Admired Company. As a member of the *Fortune* 500 Largest Companies, the Russell 1000 Index, and the S&P MidCap 400 Index, we consistently deliver strong shareholder value. Visit us at www.caci.com.

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