Analog Informatics™ Corporation

AIC Capabilities

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Analog Informatics Corporation (AIC) builds privileged access, identity, audit, and compliance evidence as modules on one platform: the **AIC Enterprise Privilege Suite™**. AIC Enterprise Privilege Suite™ is the set of modules enterprise buyers score. Modules are sold one by one, so you license only the modules you need and add more later. The suite runs in the cloud or on premises, in a secure enclave, and on air-gapped systems.

Hosting models and the Customer Responsibility Matrix: Shared responsibility.

AIC Enterprise Privilege Suite™ receives constant feeds, generates alerts, mitigates issues, and constantly checks each system against its baseline configuration where a feed path exists. That makes continuous compliance possible instead of a point-in-time check. Training is free. We work with the reseller, Managed Service Provider, or service provider the customer already uses.

Figure. The AIC Enterprise Privilege Suite™ capability list

Access, identity, audit, evidence, and monitoring sit in one suite instead of separate products.

Alt text: *One box labeled AIC Enterprise Privilege Suite™ contains five labeled groups: privileged access, identity, audit, evidence, and monitoring.*

Draw: *One outer box and five inner labels. Use words and shape. Do not rely on color. Do not show a person.*

Screenshot to capture: *The main console navigation showing module names, with no host name and no account name. Save it as* `images/capabilities-console.png` *beside this page when a clean product screen exists. Until that file exists, publish the diagram with this caption and alt text.*

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How to Read Availability

Availability	Meaning
Available now	The named AIC module ships and works on the systems and paths the suite manages.
Available now, wider scope planned	The module ships. Coverage of systems outside the suite is planned, or stays with the organization.
Planned	The product does not do this yet.
Organization	People, facilities, policy, or tools the organization operates. The Assessment Binder can store the record.

An assessment organization, certification body, or regulator decides whether a requirement is satisfied. These pages describe product availability. They are not an assessment result, a certification, or legal advice.

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Capability List

Capability	What It Does	Availability
Privileged Identity Management (PIM)	Discover systems, accounts, privileged group membership, password age, SSH keys, and cloud access keys. Find where each credential is used, change it, and push the new value to every service, task, application pool, COM+ and DCOM application, connection string, and configuration file that uses it. Covers Windows, macOS, Linux and Unix, Active Directory and LDAP, databases, cloud accounts, network and hardware devices, and applications. Extend to any other platform with SSH and Telnet scripts, robotic process automation, or the REST API (OpenAPI). Vault and check out credentials. See Privileged Identity Management.	Available now
Blast radius	Report how many hosts and services each shared credential reaches, where that account should exist, how old each password is, and which group memberships grant standing administrator rights. Rotate now or on a schedule, or split a shared account into one managed service account per host, with a preview first. See Blast radius, standing privilege, and credential rotation.	Available now

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Capability	What It Does	Availability
Robotic Process Automation (RPA)	Drive a web management console that has no API: sign in, change the credential, and record the run. Recipes ship for generic sign-in, generic password change, Dell iDRAC 9, HPE iLO 5, Xerox, and account export from another privileged-access web console. Build and publish your own workflow in the console. See Robotic Process Automation.	Available now
Privileged Access Management (PAM)	Live SSH, RDP, and VNC sessions in the browser through a broker, approvals, and command restriction that blocks dangerous commands as they are typed.	Available now
Session recording	Recorded SSH, RDP, and VNC sessions with replay.	Available now
Jump	Managed access path for privileged sessions. AIC Enterprise Privilege Suite™ isolates Jump and records sessions.	Available now

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Capability	What It Does	Availability
Privileged User Management (PUM)	Privilege elevation and delegation management: endpoint elevation, delegation, least privilege, application and command control, just-in-time elevation, and privileged activity auditing. Elevate through the Agent on the system or by remote control from the AIC Server, with one-time activation codes, challenge and response, signed grants, or agentless WinRM and SSH. Windows is the most complete today. Apple Mac and Unix/Linux are expanding. See Privileged User Management.	Available now, wider scope planned
Identity Governance and Administration (IGA)	Account lifecycle and periodic access review for suite accounts. Governance across other applications is planned.	Available now, wider scope planned
Secure Application Launch	Start an application with credentials the user never sees.	Available now

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Capability	What It Does	Availability
Personal password and document vault	Each person stores logins, secure notes, and files, generates passwords and passphrases, and shares items with named people and groups. This is a feature of Cybersecurity Maturity Model Certification (CMMC) Level 1, Level 2, and Level 3 and of AIC Enterprise Privilege Suite, licensed by the user count on that package (named users on CMMC, privileged users on AIC Enterprise Privilege Suite). Items can be marked Federal Contract Information or Controlled Unclassified Information, and a clear export of Controlled Unclassified Information is refused. This is separate from the privileged credential vault. See Personal password and document vault.	Available now
Web browser integration	Save and fill logins from the browser. Card and identity fill stay off on a CMMC profile until an administrator turns them on.	Planned
Phone and desktop vault applications	Open the personal vault in a phone or desktop application.	Planned
Authenticator codes and passkeys in the vault	Store one-time authenticator codes and passkeys with a login.	Planned
Import from another password manager	Bring an existing vault export into the personal vault.	Planned
Data classification	US government, NATO, and national markings with clearances, mandatory access control, and audited formal release. See Data classification.	Available now

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Capability	What It Does	Availability
Conditional access	Allow, step up, or deny sign-in by country, network address, multifactor authentication, and session policy. See Conditional access and threat defense.	Available now
Threat intelligence and attack report	Deny sign-in from addresses on threat feeds, and report blocked and failed attempts mapped to MITRE ATT&CK.	Available now
Audit and event forwarding	Privileged-action and session records, Windows Event Log, and syslog in RFC 5424, CEF, or LEEF. Each event type chooses its format and who is notified when the event is written: Security, IT, or both, by email, text, SIEM, or ticket. Destinations include Splunk, Microsoft Sentinel, Azure Monitor, Datadog, Amazon CloudWatch, Google Cloud Logging, any web service, another AIC Server, and ServiceNow or Jira. Text message notices through Twilio, MessageBird, Vonage, Plivo, Telnyx, Amazon SNS, or a web service. See Logging, SIEM, and event forwarding and Connectors and integrations.	Available now
Assessment Binder	Living evidence package shared by the assessor, the Managed Service Provider, and the Customer.	Available now
Current State Compliance	Ledger of control findings with rescan.	Available now

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Capability	What It Does	Availability
Configuration compliance	Check workstations and servers against STIG-oriented baselines, repair known settings with Fix-It, flag what needs IT, and optionally block a system until it complies. See Configuration compliance.	Available now, wider scope planned
Known default credential detection	Scan networks, match systems and devices to licensed public default-password dictionaries, and flag dangerous defaults still in use. See Known default credentials.	Available now
VM power scheduling	Power off idle workstations and session capacity on a schedule or after idle time, and start them on demand, to cut cloud cost and shrink the attack surface. See VM power scheduling.	Available now, wider scope planned
Incident Response	Incident records, detectors, and email or text alerts when a messaging path is configured.	Available now
Training and attestation	Assign documents to named people and collect a signed attestation.	Available now
Governed mail	Mail for Federal Contract Information or Controlled Unclassified Information inside the suite.	Available now

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Capability	What It Does	Availability
Cryptography and key custody	AWS-LC, which holds a FIPS 140-3 certificate, on server cryptographic paths. Keys in software, in a PKCS#11 HSM, or in a customer-owned AWS KMS, Azure Key Vault Managed HSM, or Google Cloud KMS key. Separate key sets per system group, with rotation and re-encryption. See Key management.	Available now
Directory sign-in	Active Directory and LDAP sign-in, and Microsoft Entra ID, Okta, Ping Identity, and other OpenID Connect and Security Assertion Markup Language (SAML) 2.0 providers, with another step beyond a password.	Available now
High availability	Automatic database failover on customer-supplied hosts.	Available now

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Capability	What It Does	Availability
Air-gapped operation	AIC Enterprise Privilege Suite™ runs on connected and fully air-gapped systems on Windows, Linux, and Apple Mac, in the cloud or on premises. The Agent rotates passwords on schedule from a shared seed with no server connection, then updates Windows services, scheduled tasks, IIS application pools, COM+ applications, and ASP.NET connection strings. Customer scripts, signed before they run, run before and after the change. Elevation uses a one-time code, a challenge and response, or a signed grant. Syslog and the Windows Event Log stay on the site. The Agent and elevation each have a graphical program and a command-line interface. See Air-gapped systems.	Available now
Managed Service Provider operation	A Managed Service Provider can administer inside the customer boundary.	Available now
Localization	The operator console ships with 18 language packs. See Localization.	Available now, wider scope planned
Evidence feeds	Records can feed Vanta, Thoropass, and other compliance packages through export and syslog.	Available now
Certificate lifecycle management	Discovery, renewal, and governance of certificates across certificate authorities.	Planned
Cloud infrastructure entitlement management	Analysis of cloud account permissions.	Planned

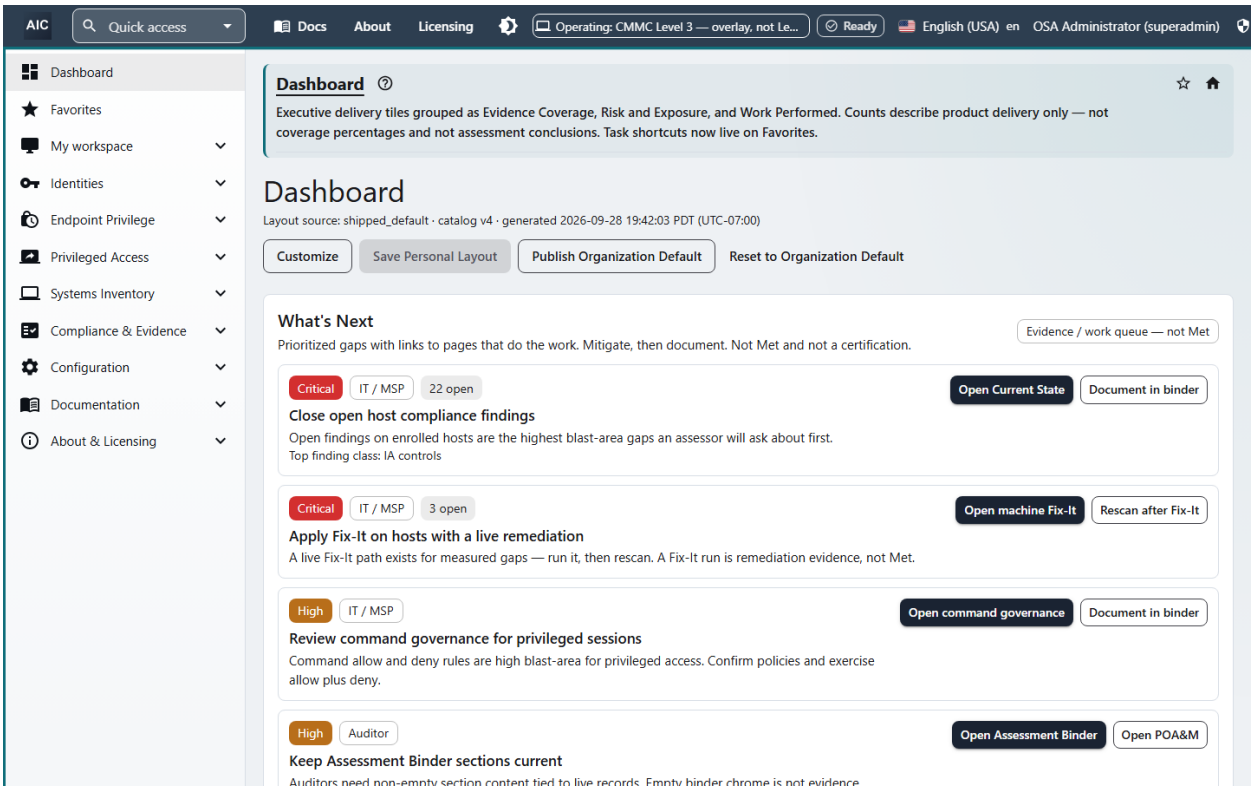
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Capability	What It Does	Availability
Vulnerability analysis	Analysis of discovered systems for known vulnerabilities. Planned as an add-on module.	Planned
Universal host logon banner	One banner pushed to every system.	Planned

The industry terms for these capabilities are on Industry functions.

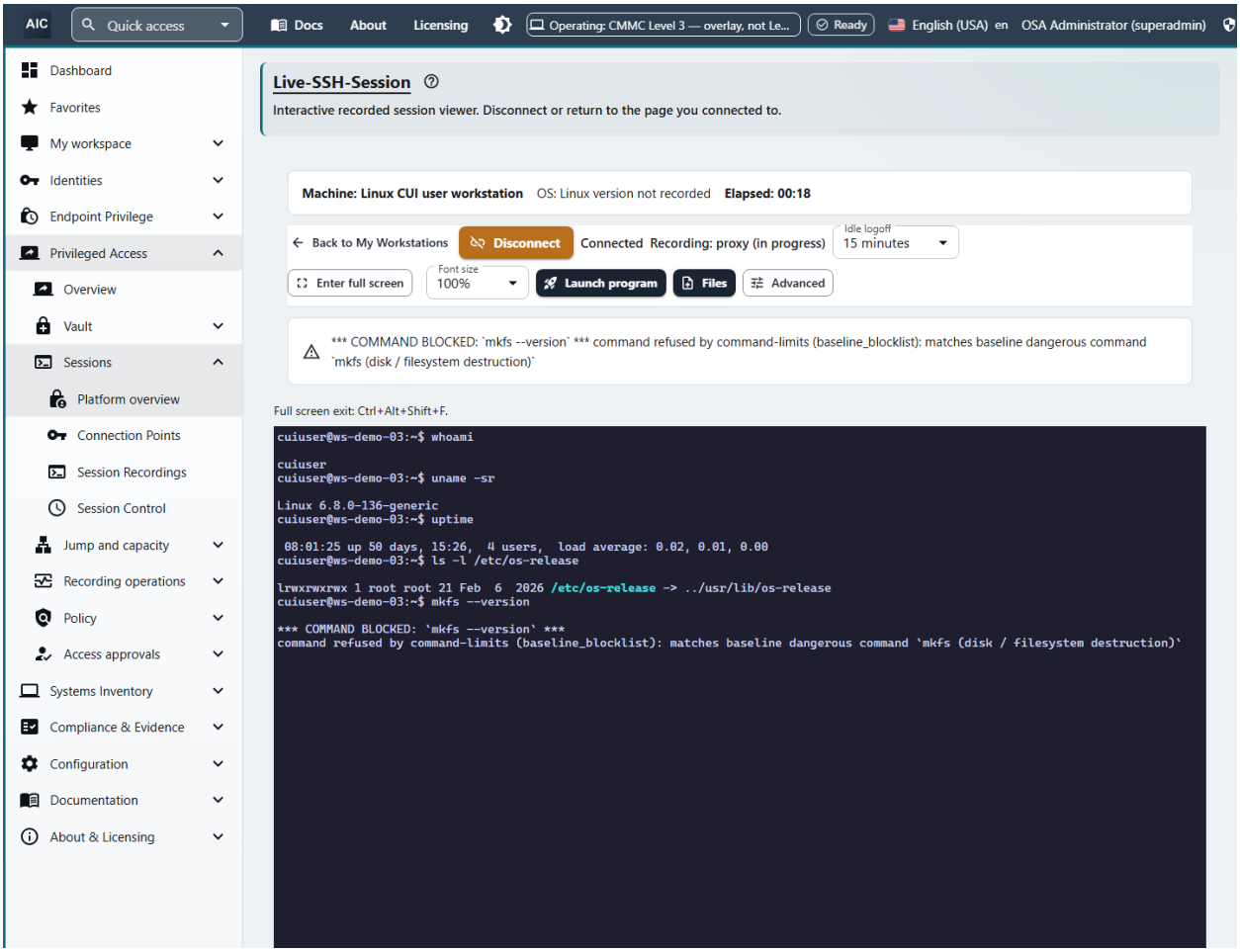
Screenshots

Screenshots come from a demonstration system. Host names, account names, and network addresses are replaced with sample values.



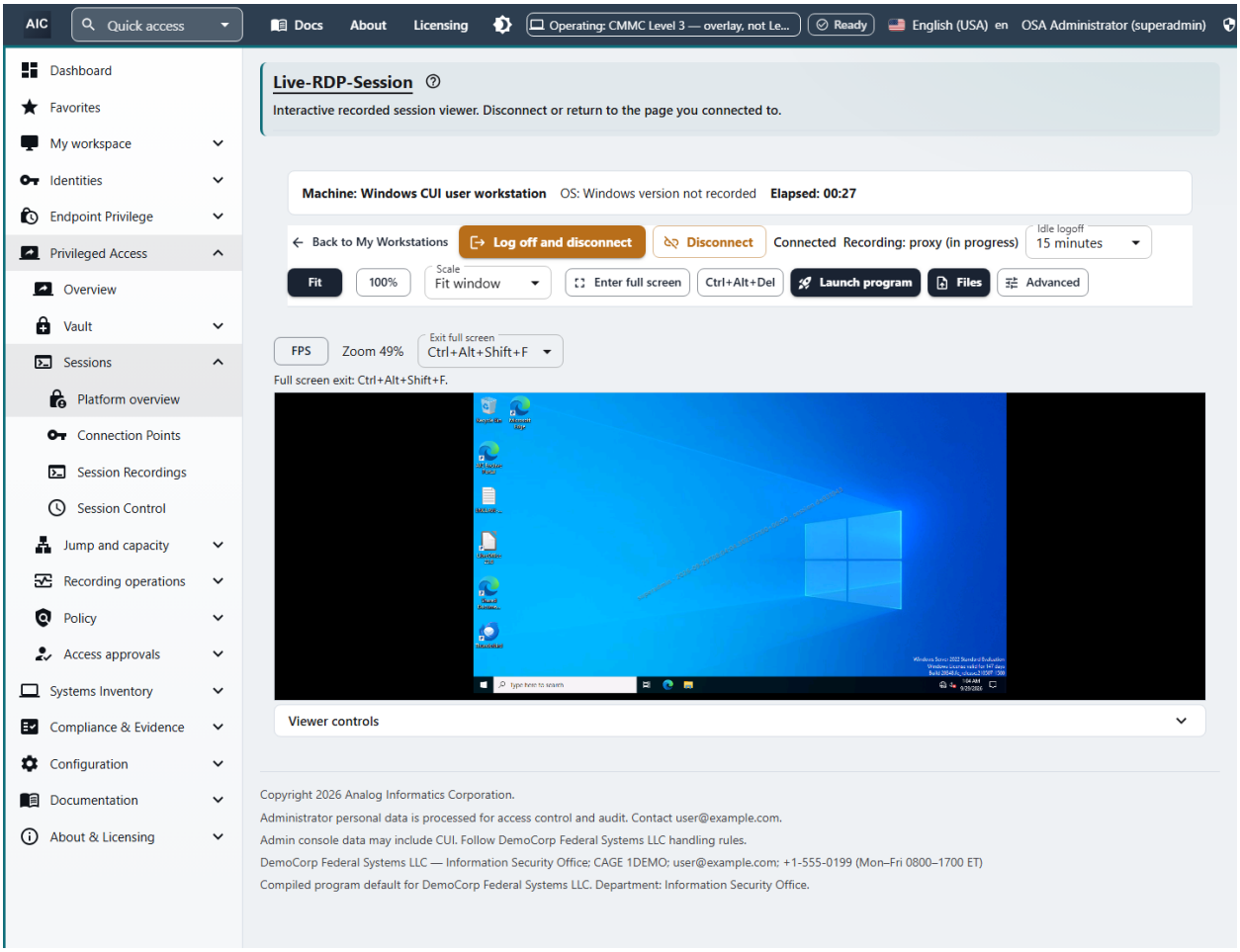
The dashboard puts the next security and compliance tasks first, with one click to the page that fixes each one.

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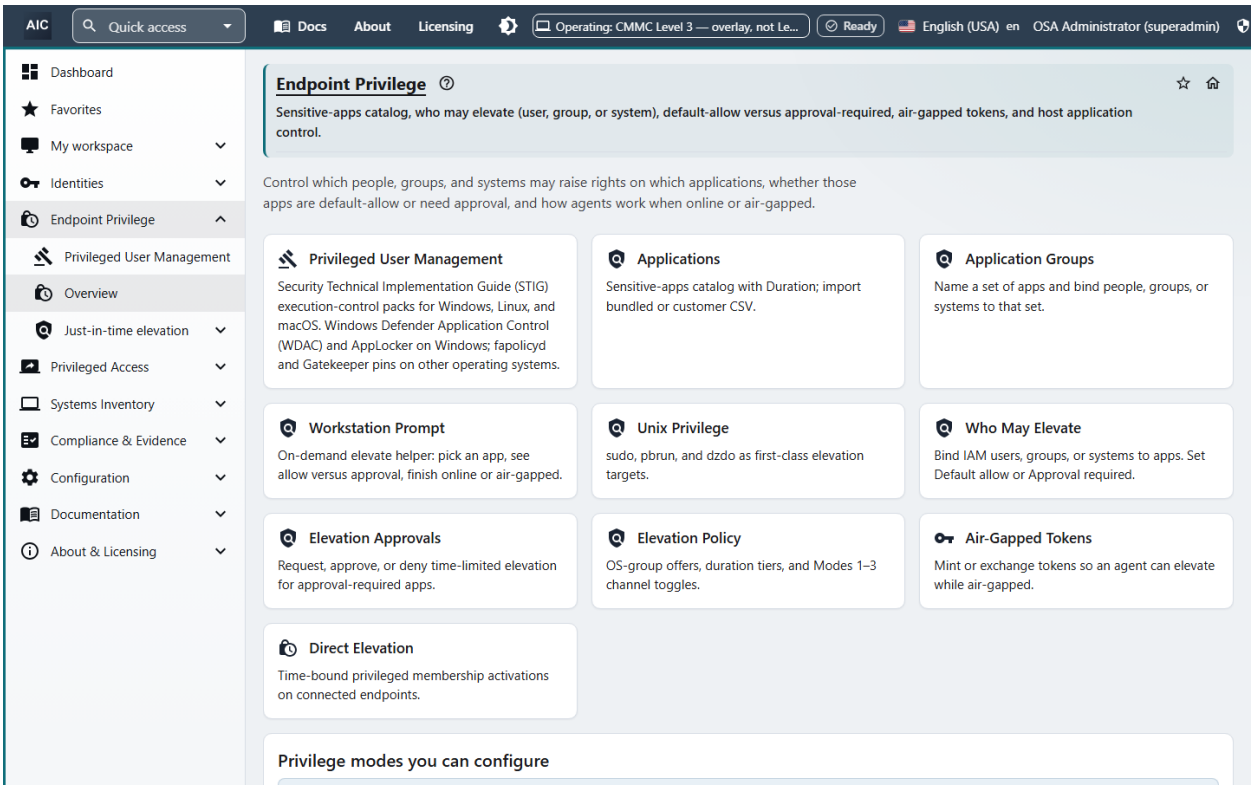
A live SSH command line, recorded, with a dangerous command blocked as it is typed.

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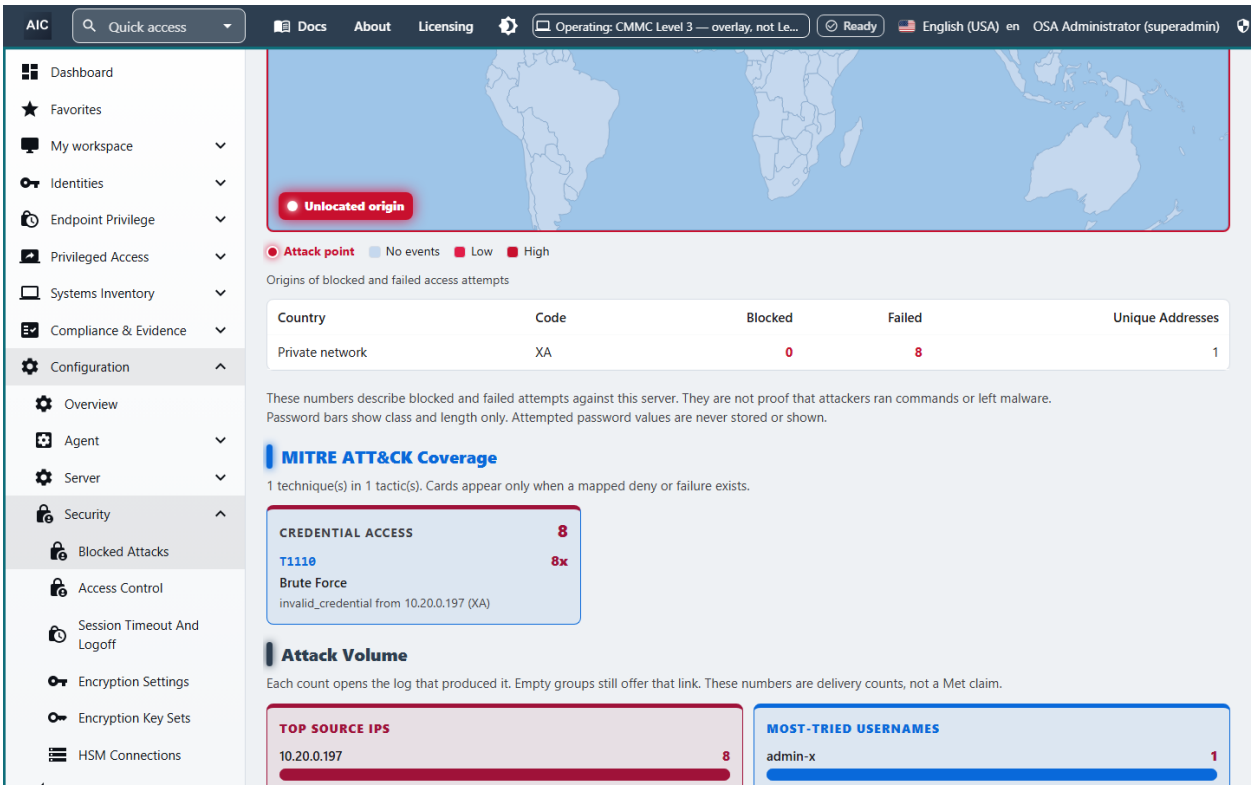
A live, recorded RDP desktop session to a Windows workstation, in the browser.

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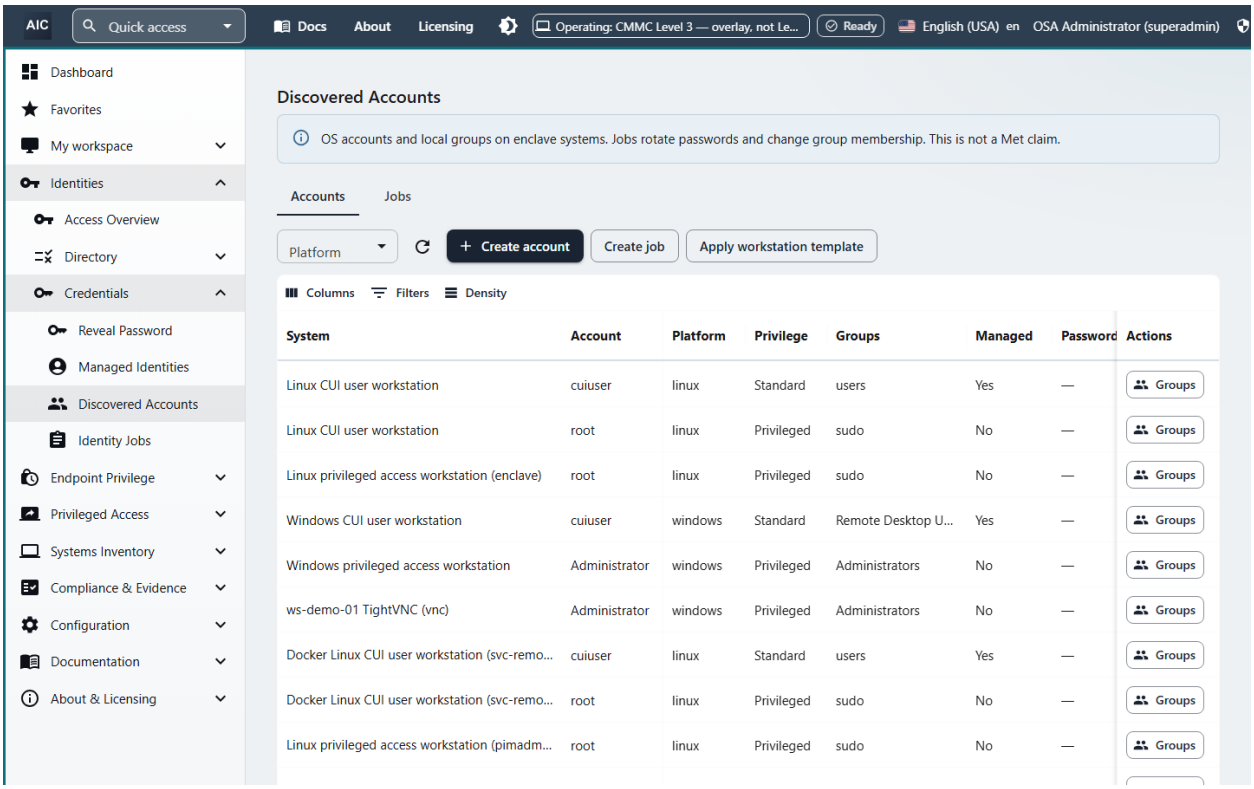
Endpoint privilege elevation and delegation covers Windows, Unix, approvals, policy, and air-gapped tokens in one place.

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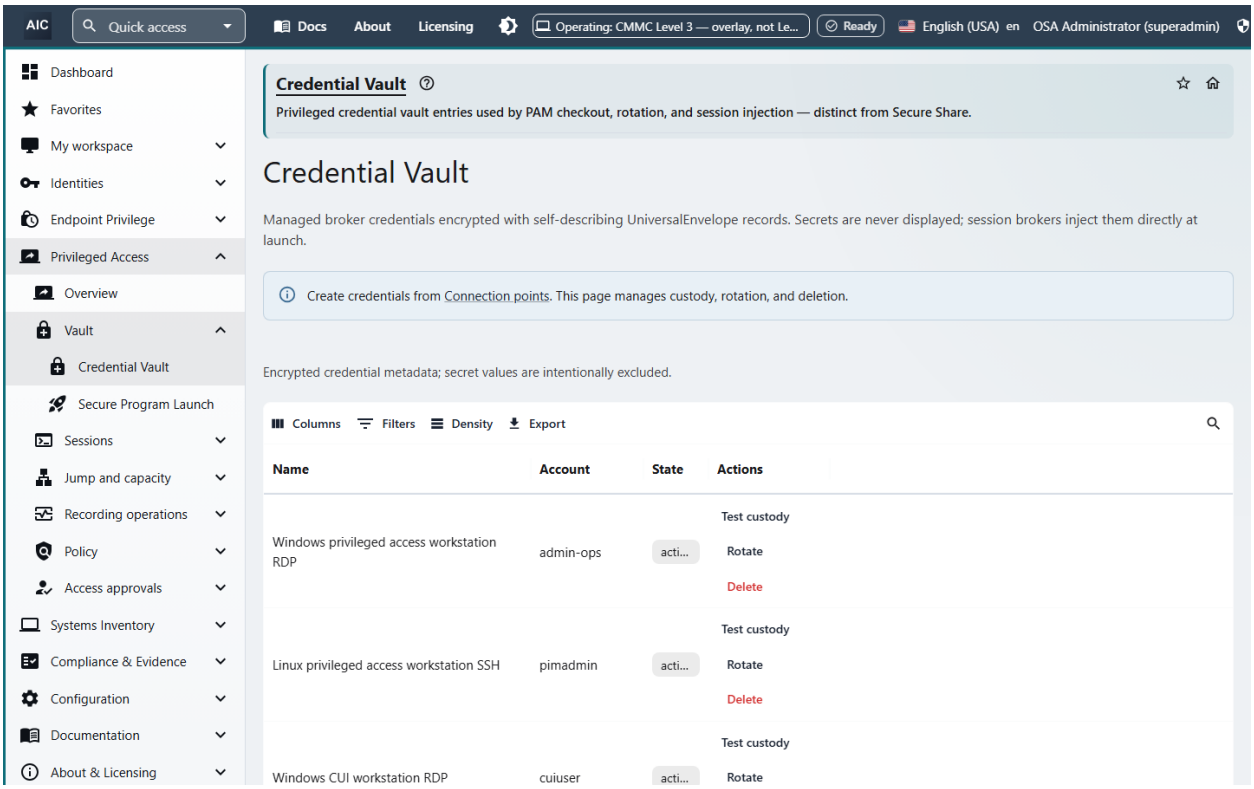
Failed sign-ins are mapped to MITRE ATT&CK technique T1110 Brute Force, with top sources and most-tried usernames.

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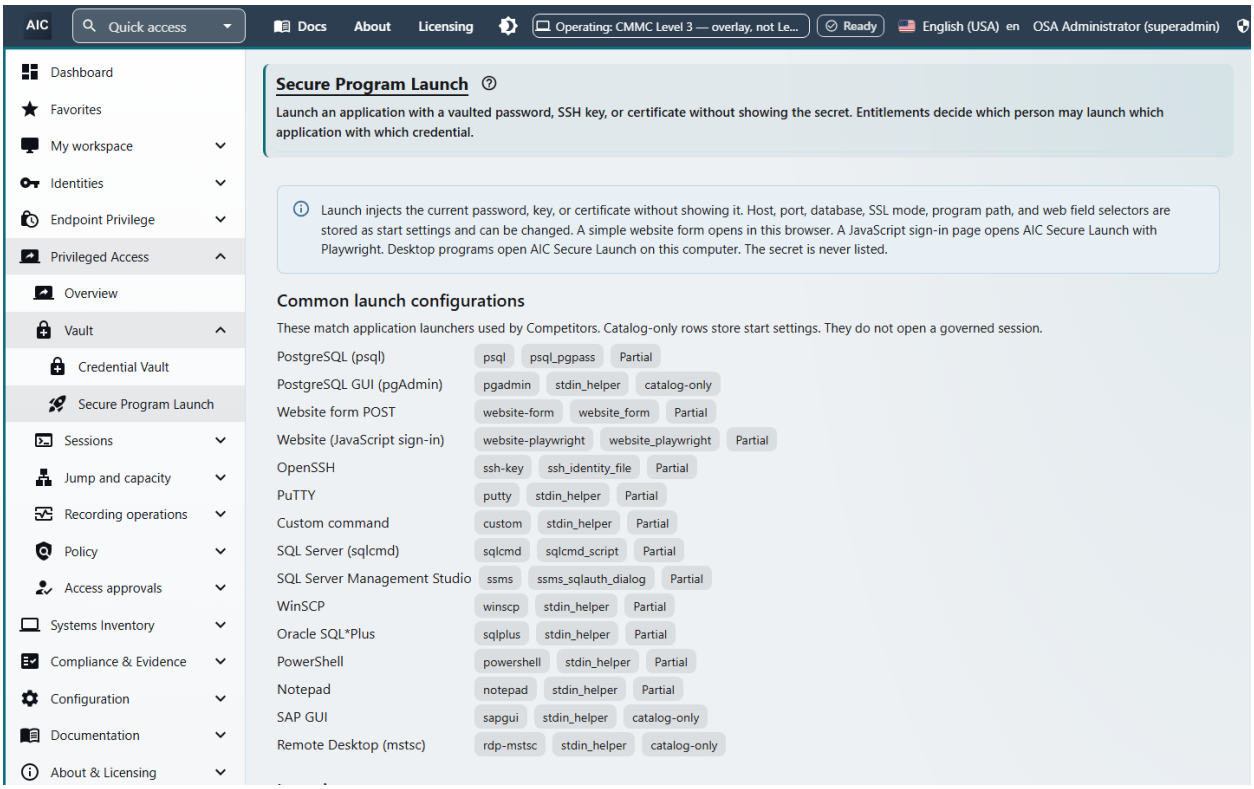
Discovery lists operating-system accounts, privilege level, and local groups, and starts a management job from that list.

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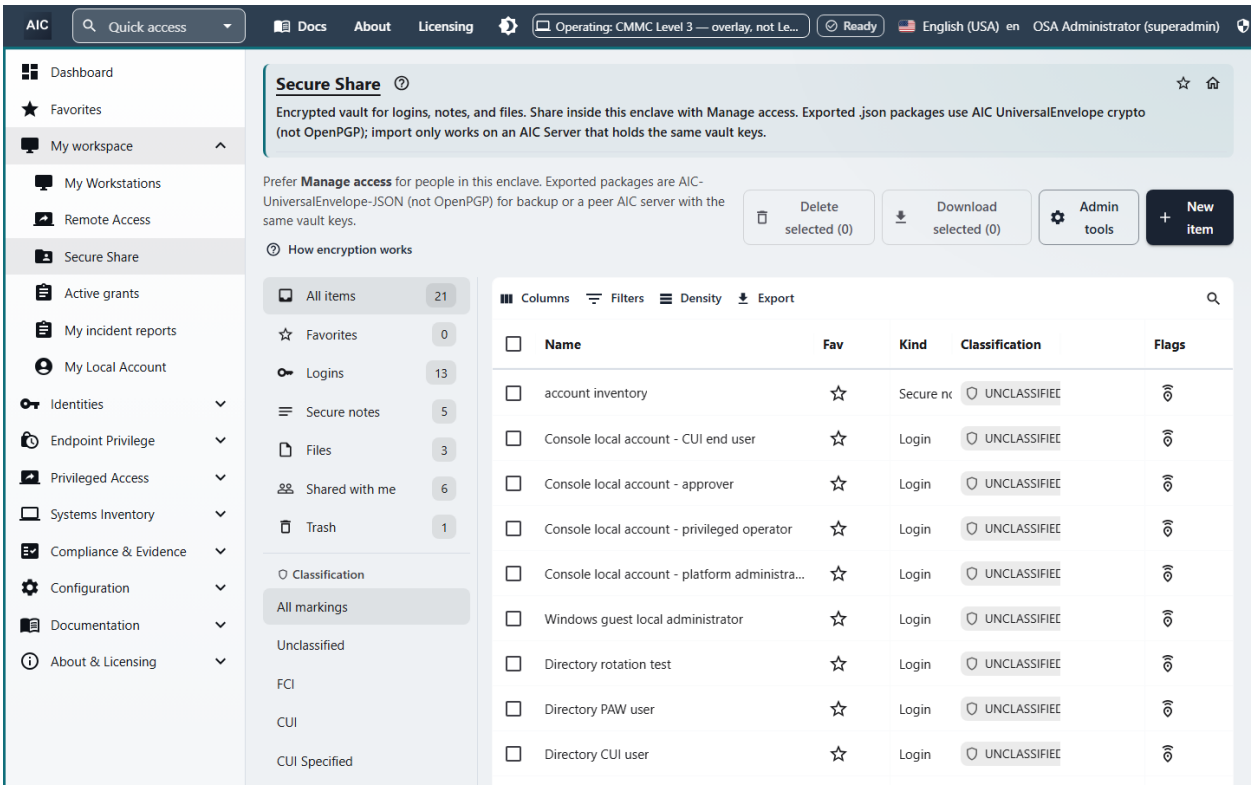
The privileged vault stores the account, tests that the stored password still works, and rotates it. The secret value is not shown.

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Applications and websites launch with the stored credential. The person does not see the password.

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Each person has a vault for logins, secure notes, and files, with sharing and classification markings.

More on Product screenshots. The pages for Privileged Identity Management, blast radius and credential rotation, and robotic process automation describe propagation, scheduled rotation, and web-console password changes. Those three do not yet have a console screenshot on this site.

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Related Pages

- Frameworks
- Capabilities
- Industry functions
- Industry terms AIC supports
- Deployment and integrations
- Continuous compliance
- Air-gapped systems
- Data classification
- Conditional access and threat defense
- Detect, respond, and remediate
- Privileged Identity Management
- Blast radius, standing privilege, and credential rotation
- Robotic Process Automation
- Known default credentials
- VM power scheduling
- Configuration compliance
- Localization
- Partners: MSPs, resellers, technology partners and ISVs, service providers, international, and migration
- Glossary
- NIST: SP 800-53
- Industry and privacy: SOC 2, HITRUST, HIPAA, PCI DSS, GDPR, California privacy
- Operational technology: Overview, IEC 62443, NERC CIP
- International: Overview, ISO/IEC 27001, Essential Eight, NIS2
- Product screenshots

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