Analog Informatics™ Corporation

AIC Results for the Sample RFP

How Analog Informatics Corporation meets each sample requirement

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Analog Informatics Corporation

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These results answer the Sample RFP, row by row, for the AIC Enterprise Privilege Suite™. Privileged Identity Management (PIM), Privileged Access Management (PAM), and Privileged User Management (PUM) share one roster, one policy engine, and one audit trail.

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How to Read Availability

Availability	Meaning
Available now	The capability ships and works on the systems the product manages.
Available now, wider scope planned	The capability ships. Broader coverage is planned.
Planned	The product does not do this yet.
Organization	People, facilities, or policy the organization operates. The product can store the record.

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Auditing and Reporting

Requirement	How AIC Meets It	Availability
Account permission reports	Report who can see, check out, or use each vaulted account, and through which role or set.	Available now
Trace every administrator and user action to a person and a time	Every action is recorded with the named person, the target, the outcome, and the server time. Windows Event Log and syslog carry the same record.	Available now
Out-of-the-box and on-demand reports for owners	Built-in reports for accounts, rotation, sessions, access, and audit events, run on demand.	Available now
Automated report queries	Saved report queries run on a schedule and deliver results.	Available now
Log creation, storage, analytics, and alerting	Audit log with search and filters, retention and archive, and alert rules. Forward to any Security Information and Event Management (SIEM) collector.	Available now
Email notifications	Email through the organization's mail server, including Microsoft 365 and Outlook, with message templates.	Available now
Event subscriptions and alerts	Subscribe people and groups to events and reports.	Available now
Inactive-account reporting	Report accounts with no recent logon, on demand or on a schedule.	Available now
Password history	Every prior password value is kept, encrypted, with who changed it and when.	Available now
Scheduled reports	Reports run on a schedule and are emailed or saved.	Available now

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Requirement	How AIC Meets It	Availability
Security assessment reporting	Current State Compliance - the admin ledger of control-oriented findings with rescan - and the Assessment Binder export.	Available now
Self-monitoring, health check, and repair	The server checks its own services, storage, and connections, reports health, and repairs shipped reference data that is missing after an upgrade.	Available now
User audit report	All actions for one person over a date range.	Available now
Agentless auditor tools	Read-only auditor role in the console and the Assessment Binder. No software installed for the auditor.	Available now
Custom reports	Build reports from fields, filters, and grouping, and save them.	Available now
External auditing tool integration	Syslog (RFC 5424), Windows Event Log, and the REST API feed outside audit tools.	Available now
Ad-hoc user reports	Filter any report by person, system, or time and export it.	Available now
Dual control (four eyes)	A second person must approve before a credential is released.	Available now

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Deployment and Support

Requirement	How AIC Meets It	Availability
Data segregation between customers	Each customer runs in its own instance or enclave with its own database and keys.	Available now
Same features in the cloud and on premises	One server build runs in the cloud, on premises, and air-gapped.	Available now
Network zone segmentation	Engines and agents run inside each zone and connect out to the server.	Available now
Centralized administration	One web console for every module.	Available now
On-premises deployment	Windows and Linux server installers.	Available now
On-site engines to reach untrusted networks	Agents, discovery engines, and session gateways run in the remote network or demilitarized zone (DMZ).	Available now
Password masking at logon	Passwords are injected into sessions and never shown unless a person with permission reveals them.	Available now
Cloud (SaaS) deployment	Hosted on Microsoft Azure. Other clouds are listed on the deployment page.	Available now, wider scope planned
Selective, targeted discovery refresh	Re-run discovery for one system, one set, or one account type.	Available now
Support for current Payment Card Industry (PCI) controls	Rotation, access review, session recording, and audit reports that PCI Data Security Standard audits ask for.	Available now
IP address restrictions	Limit console and API access to listed networks.	Planned
Notice before a hosted upgrade	Release notes and notice before hosted upgrades.	Planned

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Requirement	How AIC Meets It	Availability
Pre-upgrade testing site	A staging site to test an upgrade before production.	Planned
Optional agent	Agentless management over WinRM and SSH, or the Agent where an agent is preferred.	Available now
24/7 support with a service level agreement	Partner and customer support with escalation to engineering. A 24/7 service level agreement is planned.	Planned

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Discovery

Requirement	How AIC Meets It	Availability
Active Directory synchronization	Read users, groups, and computers from Active Directory over verified LDAPS.	Available now
Automatic discovery of privileged accounts	Scan systems for local and domain accounts and privileged group membership.	Available now
Windows, Unix and Linux, LDAP, and Active Directory accounts	Discovered and managed.	Available now
Database accounts	Discovered and managed on the common database platforms.	Available now
Network device and appliance accounts	Discovered and managed over SSH, Telnet scripts, and browser automation.	Available now
Discovery rules that auto-manage credentials	Rules bring matching accounts under management automatically.	Available now
Service accounts	Find every service, scheduled task, application pool, COM+ application, and configuration file that uses an account, and update each one when the password changes.	Available now
Pruning obsolete accounts	Remove accounts that no longer exist on the target.	Available now
Decommission devices based on Active Directory status	Retire systems that are disabled or removed in Active Directory.	Available now
Discover SSH certificates on targets	Find SSH certificates on managed systems.	Planned
Custom account types	Define custom platforms with scripts, browser automation, or the API, managed or manual.	Available now

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Disaster Recovery and High Availability

Requirement	How AIC Meets It	Availability
Automatic backups	Scheduled, encrypted database and configuration backups.	Available now
Cloud architecture	Runs as a hosted service on Microsoft Azure.	Available now
On-premises recovery copy of the cloud service	Export an encrypted backup to the organization's own storage.	Available now
Break-glass emergency access	Sealed emergency accounts with recorded use and forced rotation afterward.	Available now
Load balancing	Spread console and API load across several servers.	Planned
High availability and clustering	Run several servers so service continues if one fails.	Planned
Geo-replication for recovery	Keep a live copy in a second region.	Planned

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Integrations

Requirement	How AIC Meets It	Availability
Active Directory, Microsoft Entra ID, and LDAP	Directory sign-in, discovery, and group sync.	Available now
Amazon Web Services (AWS) and Google Cloud	Discover and rotate cloud access keys and accounts.	Available now
Existing infrastructure	Works with the directories, mail, SIEM, and ticketing systems already in place.	Available now
REST API	Full JSON REST API with an OpenAPI description.	Available now
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
Multi-Factor Authentication (MFA), including OATH TOTP and YubiKey	Time-based one-time passwords, FIDO2 security keys including YubiKey, and RADIUS.	Available now
Okta, SAML, and single sign-on	SAML 2.0 and OpenID Connect sign-in with Okta, Microsoft Entra ID, and others.	Available now
RADIUS	RADIUS second factor.	Available now
ServiceNow, Jira, and other ticketing systems	Require a valid ticket before access, and open tickets from events.	Available now
SIEM, syslog, and Splunk	Syslog (RFC 5424) and direct delivery to Splunk, Microsoft Sentinel, Datadog, Amazon CloudWatch, and Google Cloud Logging.	Available now
Hardware Security Module (HSM) and key management services	Keys in software, a PKCS#11 HSM, or a cloud key management service.	Available now
Incident management	Incident detection, notices, and evidence.	Available now

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Requirement	How AIC Meets It	Availability
Native logon page that bypasses single sign-on when needed	Local logon stays available for break-glass and administrators.	Available now
Custom ticketing integration	Webhooks and the REST API.	Available now
Vulnerability scanner integration	Supply credentials to scanners and import findings.	Available now
Customer Relationship Management (CRM) integration	Manage credentials for CRM platforms.	Available now

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Password Management

Requirement	How AIC Meets It	Availability
Automated rotation on a schedule or a trigger, with complexity rules	Rotate on a schedule, after check-in, or on demand, under per-policy complexity rules.	Available now
Rotation on a system with no server connection, including service, IIS, COM+, and ASP.NET updates and signed customer scripts	The Agent derives the next password on the system, updates Windows services, scheduled tasks, IIS application pools, COM+ applications, and ASP.NET connection strings, and runs signed customer scripts before and after the change.	Available now
Check-out and check-in	Exclusive check-out with a time limit and forced check-in.	Available now
Granular password policies	Length, character sets, history, age, and rotation per account group.	Available now
MFA before access	Required second factor before reveal or check-out.	Available now
Heartbeat to detect password changes made outside the vault	Regularly verify each stored password still works, and alert when it does not.	Available now
CSV and XML import and export	Bulk import and export of accounts.	Available now
Just-in-time group membership on check-out	Add to a group on check-out and remove on check-in.	Available now
One-time passwords, rotated on check-in	Each check-out gets a password that is changed on return.	Available now
Encryption, hiding, and vaulting	AES-256 encryption at rest, hidden by default, manual entries supported.	Available now
Secret policy on stored credentials	Policies apply to every stored credential type.	Available now
Web password vaulting	Store and launch website credentials.	Available now

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Requirement	How AIC Meets It	Availability
File attachments	Attach files to vault entries.	Available now
Folders and permissions	Folders with inherited permissions.	Available now
Personal password and file vaulting	Each person has a private vault for passwords and files.	Available now

Secret Workflow

Requirement	How AIC Meets It	Availability
Out-of-the-box policies	Default policies ship and can be cloned.	Available now
Force check-in and remove a lock	Administrators release a checked-out credential.	Available now
Role-Based Access Control (RBAC)	Permissions by role on every admin and enclave route.	Available now
Attribute-Based Access Control (ABAC)	Grant access from attributes of the person, the target, and the request.	Planned
Exclusion rules	Exclude accounts and systems from management or discovery.	Available now
Double lock and compartments	Separate permissions and second approval for sensitive groups.	Available now
Require a comment on access	A reason is required and stored with the record.	Available now
Request and approval workflow	Request, approve, deny, and time-bound grants with notifications.	Available now
Role inheritance	Roles assigned to groups and inherited by members.	Available now

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Security and Compliance

Requirement	How AIC Meets It	Availability
Create SSH certificates	Issue short-lived SSH certificates for sessions.	Planned
AES-256 encryption at rest	Every stored secret is encrypted with AES-256-GCM.	Available now
Encryption in transit with Transport Layer Security (TLS) 1.2 or later	TLS 1.2 and 1.3 only.	Available now
Federal Information Processing Standards (FIPS) cryptography	AWS-LC, which holds a FIPS 140-3 certificate, on server cryptographic paths. FIPS 140-3 replaces FIPS 140-2.	Available now
HIPAA, PCI, and SOX audit support	Access control, rotation, recording, and audit reports that those audits ask for. Whether an organization complies is decided by its auditors.	Available now
Conditional policies by location and time	Allow or deny access by time window and by location.	Available now
Geolocation rules	Block or flag sign-ins from listed countries.	Available now
Behavior analytics	Detection rules alert on unusual privileged activity. Machine-learning analytics are planned.	Available now, wider scope planned

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Session Launching and Monitoring

Requirement	How AIC Meets It	Availability
Central management console	One web console.	Available now
No third-party tools needed for sessions	SSH, RDP, and VNC run in the browser.	Available now
Log tracing	Every session links to its audit events.	Available now
RDP and SSH proxying, including PuTTY and native clients	Brokered RDP and SSH with credentials injected.	Available now
Automatic RDP and SSH launch on shared-account access	One click opens a session with the credential injected.	Available now
Real-time monitoring, pause, and kill	Watch a live session, pause it, or end it.	Available now
Session recording and archive	Recordings sealed at rest, replayed in the console, and archived under a retention policy.	Available now
SSH key management	Discover, rotate, and push SSH keys.	Available now
Concurrent sessions	Several sessions at once, with limits per policy.	Available now
HTTPS	All console and API traffic over HTTPS.	Available now
Web password launching with transparent sign-in	Open a website with the stored credential filled in.	Available now
Mobile device policies by group	Apply mobile access rules per group.	Planned
Alerts on critical events	Alert rules on checkout, reveal, failed rotation, and policy violations.	Available now
Search inside recorded sessions	Search typed commands and on-screen text in recordings.	Available now
Keystroke logging	Typed commands are captured with the recording.	Available now

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Requirement	How AIC Meets It	Availability
Block critical commands, with allow and deny lists	Dangerous commands are blocked as they are typed in SSH sessions, with allow and deny lists.	Available now
Session timeout	Idle and absolute timeouts.	Available now
Web password session recording	Web sessions launched from the vault are recorded.	Available now
Unix privilege elevation	Controlled sudo elevation on Unix and Linux.	Available now

Web API, SDK, and Scripting

Requirement	How AIC Meets It	Availability
Bash, PowerShell, and SQL scripts	Run scripts before and after rotation, and use them to change passwords on custom platforms.	Available now
Full JSON REST API for programmatic credential retrieval	REST API with an OpenAPI description and scoped tokens.	Available now
PowerShell password changes	Change passwords with PowerShell.	Available now
Software Development Kit (SDK) for applications	Applications fetch credentials with no person involved.	Available now
SSH dependencies such as su and sudo	Rotation and sessions handle su and sudo steps.	Available now

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Ease of Use

Factor	How AIC Meets It	Availability
One product with every feature	PIM, PAM, PUM, discovery, governance, and audit evidence in one product with one roster and one audit trail.	Available now
Onboarding	Guided setup, discovery first, and free training.	Available now
License model	One quote for one platform. Partners can sell and support it.	Available now
Support after implementation	Partner and customer support with escalation to engineering.	Available now
Implementation	A standard, pre-configured deployment with the same design for every customer.	Available now

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And More: Capabilities Beyond the Checklist

Capability	What It Does	Availability
Credential propagation and blast radius	Push a new password to every place that uses it, report how far each shared credential reaches, flag password age and standing administrator membership, and rotate now or on a schedule.	Available now
Robotic process automation (RPA)	Change passwords on devices managed only through a web page.	Available now
Endpoint privilege elevation	Elevate on Windows, Apple macOS, and Linux with one-time codes, challenge and response, or signed grants.	Available now, wider scope planned
Configuration compliance	Check systems against a baseline configuration and report configuration drift.	Available now
Current State Compliance and the Assessment Binder	Findings with rescan, and an auditor package built from live records.	Available now
Training and attestation	Assign training, collect signed attestations, and report completion.	Available now
Air-gapped operation	The full product runs with no internet connection.	Available now
Operational Technology (OT)	Inventory and credential management for industrial devices.	Available now, wider scope planned
Vendor remote access without a VPN	Browser sessions for outside vendors with approval and recording.	Available now, wider scope planned
Mainframe terminals	Telnet scripts for terminal-based systems.	Available now, wider scope planned
Service account governance	Ownership and periodic review of service accounts.	Available now, wider scope planned

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Capability	What It Does	Availability
Identity Governance and Administration	Account lifecycle and access review for suite accounts.	Available now, wider scope planned
DevOps secrets for pipelines and Kubernetes	Deliver secrets to build pipelines and containers.	Planned
Cloud Infrastructure Entitlement Management (CIEM)	Analyze cloud permissions and entitlements.	Planned
Certificate lifecycle management	Discover, renew, and replace TLS certificates.	Planned
Just-in-time network access	Open network paths only for the length of an approved session.	Planned
Robotic process automation (RPA) bot credentials	Supply credentials to software robots.	Planned

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