IT unit of Government Organization

Our client, a competent IT unit that manages some of the core IT functions of government trusts ARCON | Privileged Access Management to safeguard its critical systems.
about our client

Our client, a government department, helps deliver complex IT systems to its parent organization. Our client is digital-savvy. It has invested a significant number of resources in emerging technologies and automation. Our client develops mission-critical applications and software for the core IT functions of its parent company. Some of the functions supported by our client include procurement services, transportation, freight forwarding among others across the length and breadth of the country.

our client’s requirements

One of its functions, procurement services that was managed by multiple end-users located in two different locations, required a security upgrade. Our client wanted to ensure that all servers and databases associated with procurement systems were secure from insider as well as external cyber threats.

Our client wanted to ensure that its datacenter’s privileged access environment was secure. Below are some of our client’s requirements:

- End-users access to target systems is through a centralized mechanism
- Privileged passwords are vaulted and passwords are frequently randomized
- The Privileged Access Management solution must offer seamless single-sign-on
- Video logs of all privileged users must be maintained
- Seamless monitoring of privileged sessions happening from multiple devices spread across two cities
How ARCON helped its client to meet all the requirements

ARCON | Privileged Access Management (PAM) solution was chosen by our client because it addressed all the datacenter challenges. The solution offered a set of robust privileged access management features that not only helped our client to meet the daily IT use-cases but also reinforced the security around privileged accounts.

Here is the detailed analysis of how ARCON | PAM enhanced the data security posture

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<th>Features</th>
<th>Solution</th>
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| ARCON Password Vault | • ARCON’s highly mature Password Vault securely vaults the all important privileged passwords  
                        • Privileged Passwords are now frequently randomized  
                        • Privileged password automation has helped to establish a robust validation mechanism |
| ARCON Single-Sign-On (SSO) | • Deploying Single-sign-on (SSO) ensured our client does not have to share privileged credentials  
                                • SSO offers one-time administrative access to all applications; thus enhancing the IT efficiency  
                                • ARCON SSO supports all modern identity protocols such as Security Assertion Markup Language (SAML), OpenID Connect (OIDC) and OAuth |
| Video Logs        | • ARCON | PAM solution captures all privileged sessions in the video format (also in text) for a detailed and minute security assessment  
                        • Our client now have complete audit trails  
                        • Video logs have enhanced the IT oversight |
| Session Monitoring | • ARCON | PAM's session monitoring capability enables our client to continuously view and monitor all the privileged sessions  
                                • Our client can now terminate a session if the security department finds something anomalous  
                                • Session Monitoring helps our client to comply with the IT standards |
conclusion

ARCON | Privileged Access Management (PAM) ensured that our client has:

• Proper password management policies in place to ensure secure access to the critical systems and devices
• Complete video logs to track, secure, and audit privileged users
• Security mechanisms in place to continuously monitor the elevated users who are accessing the critical systems for various purposes
about ARCON

ARCON is a leading enterprise information risk control solution provider, specializing in Privileged Access Management (PAM) and continuous risk assessment solutions. Our mission is to help enterprises identify emerging technology risks and help mitigate them by robust solutions that predict, protect and prevent.

PAM: ARCON | Privileged Access Management (PAM) is a highly effective solution that helps in managing, controlling and monitoring privileged user activities. The solution provides IT security team with a centralized policy framework to authorize privileges based on roles and responsibilities ensuring rule-based restricted access to target systems.

UBA: ARCON | User Behaviour Analytics (UBA) is a highly effective risk predictive & analytics tool built for daily enterprise use cases. It breaks the traditional approach of ‘restrictive’ access and is capable of crunching large lakes of enterprise data, spot anomalous activity and trigger alerts in real-time.

SCM: ARCON | Security Compliance Management (SCM) allows an enterprise to prioritize security and compliance efforts based on risk level. The tool enables continuous risk assessment for critical technology platforms and ensuring desired compliance levels.

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