One of India's leading oil refinery & Forbes 2000 enterprise deploys ARCON PAM to manage Privileged Access Control.

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Number of devices

1000

Number of privileged

identities

200

client brief

A Government of India enterprise, Fortune 500 and Forbes 2000 Company.

the context

In the backdrop of huge oil refining projects, our client had to build an extensive IT infrastructure to meet its day-to-day business operational needs. This meant it had to maintain a shared data-center, comprising of many databases, operating systems, web servers and host of systems and applications. Through Supervisory Control and Data Acquisition (SCADA) it controlled several industrial process by monitoring and collating data in a real-time.

While big investments on IT infrastructure resulted in increased efficiency, it also brought an element of risk as highly critical data assets became increasingly distributed and more vulnerable to internal and external threats.

key challenges

- No monitoring of privileged access. Basically customer required video logs of administrators.
- ADMIN passwords were changed manually and infrequently.
- No access control for new administrators on roles or access to particular systems.
- Management of multiple shared IT infrastructure
- Time based access problem. An administrator with a shift timing 9-5 used to be access after 5pm too
- Third party access control

the solution

After several rounds of deliberation, the management decided to deploy ARCON Privileged Access Management (PAM). ARCON implementation team was able to map the client's existing IT architecture and workflows for multiple lines of business. Subsequently, the suite was implemented centrally in a shared datacenter of the company

the result

ARCON PAM allowed the client to capture all the logs at a central location. The suite captured comprehensive audit trials of any PAM-initiated session of the target devices. ARCON Enterprise Password Dashboard allowed the Information Security personnel to see the password rotation frequency and password change success—failure rate, including how much the password policy meets the compliance requirements. The dashboard provided real-time alerts.
Likewise, User Access and Usage Dashboard provided a real-time analysis of the all privileged user activities.

The solution also allowed to create a proxy connection between the remote third-party and the customer system thereby eliminating direct system level connection. With ARCON PAM, all third-party access was regulated, managed and audited.

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about ARCON

ARCON is a leading Information Security solutions company specializing in Privileged Identity Management and Continuous Risk Assessment solutions. With its roots strongly entrenched in identifying business risks across industries, it is in a unique position to comprehend and identify inherent security gaps in an organizations infrastructure framework and build and deploy innovative solutions/products to significantly mitigate potential risks.