



SOLUTION BRIEF

Automation Anywhere: Automating CyberArk

CyberArk provides a critical layer of IT security that protects against advanced cyberattacks and insider threats across the enterprise: on-premises, in the cloud, and on endpoints. CyberArk secures privileged identities in many ways, one of which is via managing human and non-human (i.e. software bot) credentials in a secure digital vault. The vault not only provides comprehensive security for privileged credentials, it also avoids the duplicate storage and maintenance of those credentials.

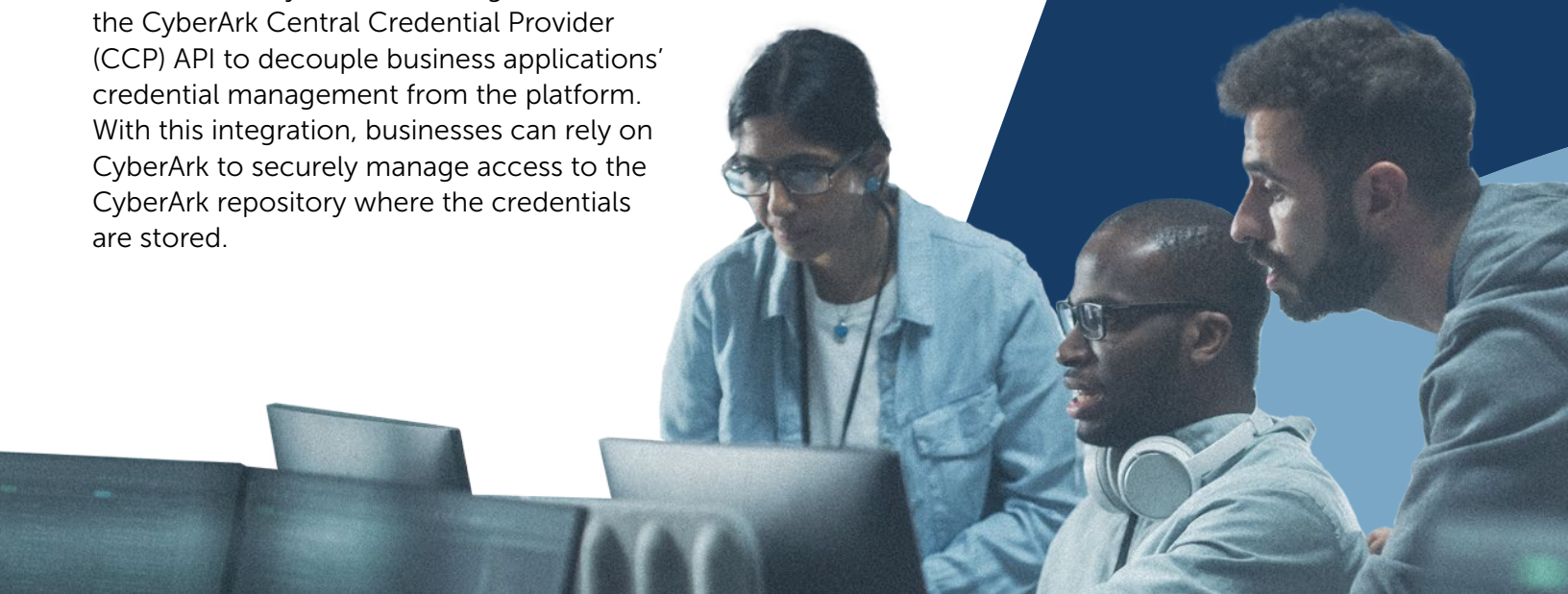
The Challenge

As businesses advance their digital transformation, security has been top of mind and a critical consideration for managing and controlling privileged access to business-critical applications. Managing and rotating credentials for every application adds a lot of operational challenges and is prone to errors. As a result, businesses have embraced strategies and tools that enable privilege access management in a centralized manner across applications.

Automation Anywhere provides bank-grade levels of security for its intelligent automation products. While our platform supports securely storing and managing credentials natively, organizations have standardized on platforms such as CyberArk to manage credentials centrally to achieve operational ease and improve compliance monitoring and auditing.

The Solution

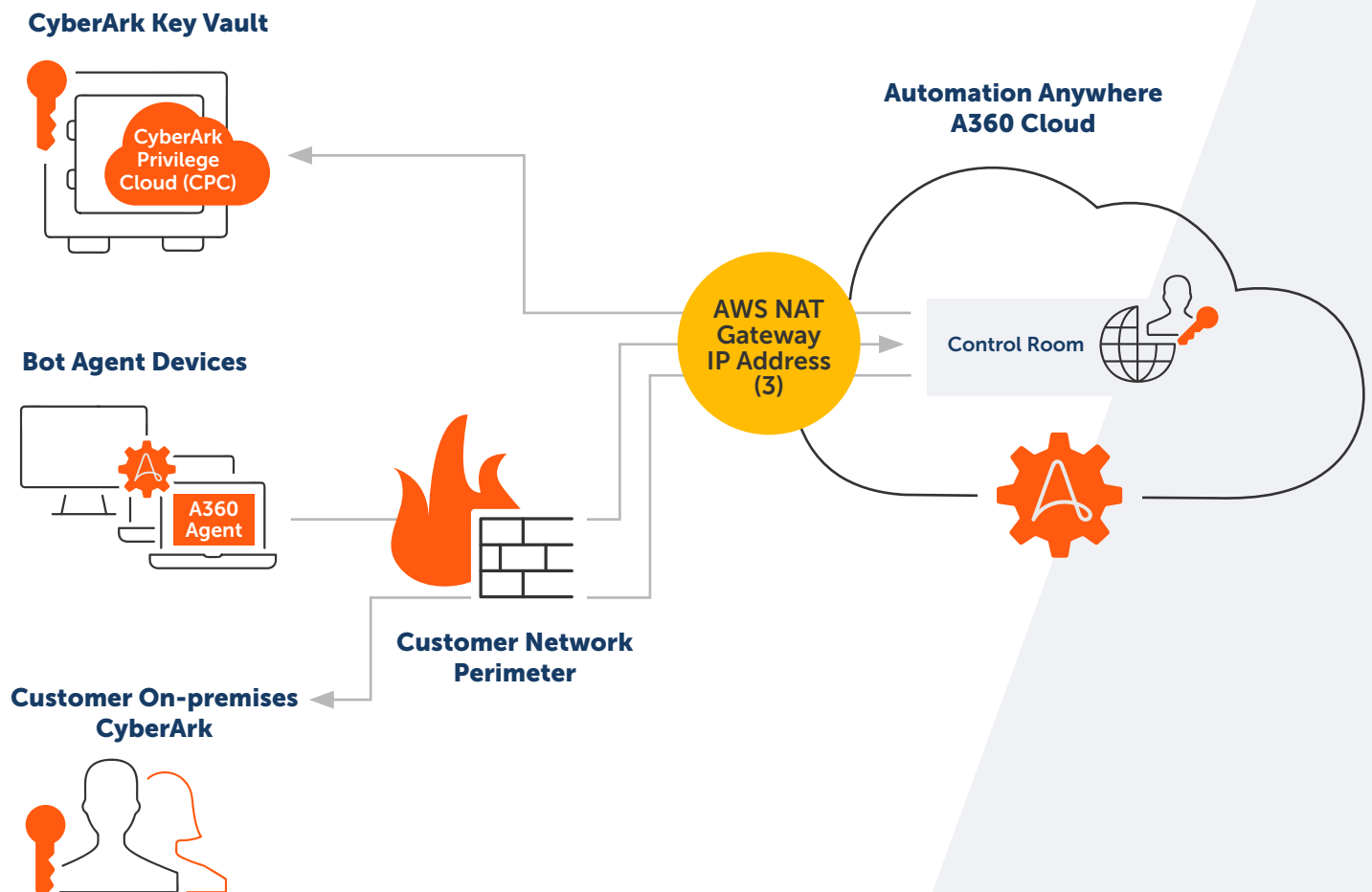
Automation Anywhere has integrated with the CyberArk Central Credential Provider (CCP) API to decouple business applications' credential management from the platform. With this integration, businesses can rely on CyberArk to securely manage access to the CyberArk repository where the credentials are stored.



How it works

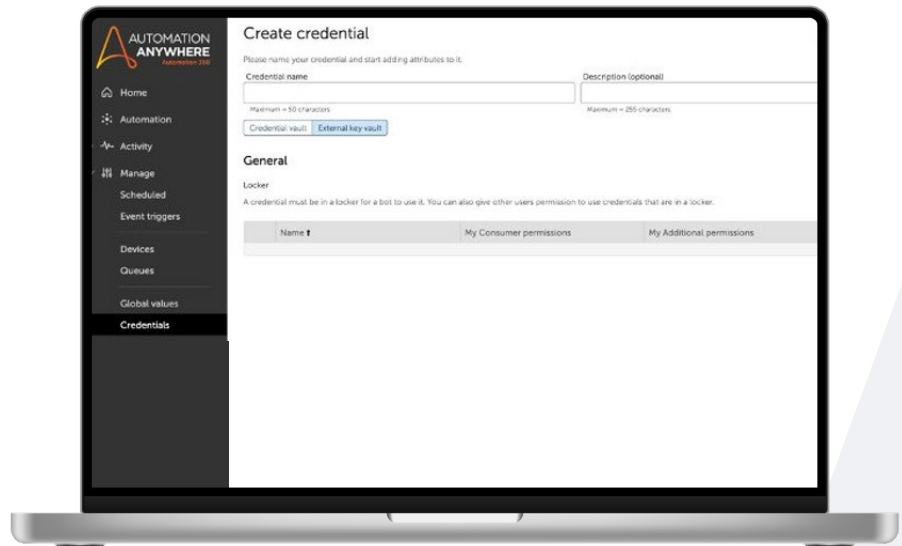
As stated above, Automation Anywhere integrates with the CyberArk APIs to support auto-retrieval of credentials at runtime or auto logging in for an active windows session. This eliminates the need to hardcode credentials in automation scripts and ensures credentials are stored centrally and securely. The core of the Automation Success Platform, Automation 360 Control Room establishes a relationship with CyberArk to obtain credentials for the entities when running the bots. All credentials required for the auto login process are securely retrieved by the Control Room from the CyberArk repository (Safes) prior to performing the automated tasks.

The diagram below shows the flow of requesting and receiving credentials from CyberArk.



Automation 360 uses an X.509 certificate as the authentication method when connecting to the CyberArk CCP APIs. Data exchanges between the Automation 360 Control Room and the CCP API over a secure TLS channel.

The Automation 360 Control Room allows you to configure the CyberArk integrations via an intuitive web-based interface.



Summary

Automation Anywhere automates many of the repetitive processes typically done by humans, allowing the tasks to be completed faster and more accurately. While Automation Anywhere's RPA processes are bank-level secure, some enterprises further enhance their security with CyberArk's credential vault. Automation Anywhere is able to leverage the CyberArk best-of-breed credential security features in its RPA platform.

Automation Anywhere is the world's most secure RPA intelligent automation platform; when combined with CyberArk, it achieves even higher levels of security.

To learn more about Automation Anywhere's products and how they can help your company improve efficiency, lower cost, and maintain high levels of security, go to automationanywhere.com.

About Automation Anywhere

Automation Anywhere is a global leader in Robotic Process Automation (RPA), automating business processes with software bots performing repetitive, manual tasks, resulting in productivity gains and improved customer experience. Visit www.automationanywhere.com.

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