



CyberArk Identity

CyberArk Identity Integration

Name of Company: Credenti

Website: <https://credenti.com/>

Name of Product: TecUnify

Version: V2

Date: 9/5/2024

SOLUTION OVERVIEW

Platform Components

- TecUnify client components to enable launching of thick apps from CyberArk Identity dashboard
- TecConnect Admin portal integrated with CyberArk Identity to manage application profiles
- Backend Services running in AWS Cloud

Benefits of TecUnify

- Ability to launch thick apps like AS400/Thick Apps/Legacy Apps from CyberArk Identity dashboard
- Integration with CyberArk Identity for Authentication and SSO

PRODUCT DIAGRAM & DESCRIPTION OF PRODUCT INTEGRATION

What is TecUNIFY?

Security Assertion Markup Language (SAML), Web Services Federation (WS-Fed) and OpenID Connect are protocols that are widely used to SSO into cloud applications like Office365, GSuite, Workday, Salesforce, Slack etc. Unfortunately these protocols cannot be extended to on-prem thick apps, legacy apps or mainframe apps. What this means is that the users still have to remember passwords for all these applications. This creates password challenges not only for the users but also for the IT, Help Desk and SecOps team.

TecUNIFY is a platform which allows you to easily SSO into applications which do not support SAML or OpenID Connect or WS-Fed. Using our technology, users get a SSO experience for applications which relies on passwords. TecUNIFY works using a combination of robotic process automation, REST APIs and agents to automate the login process for the user thereby providing SSO experience for the users. This eliminates the friction and challenges associated with passwords.

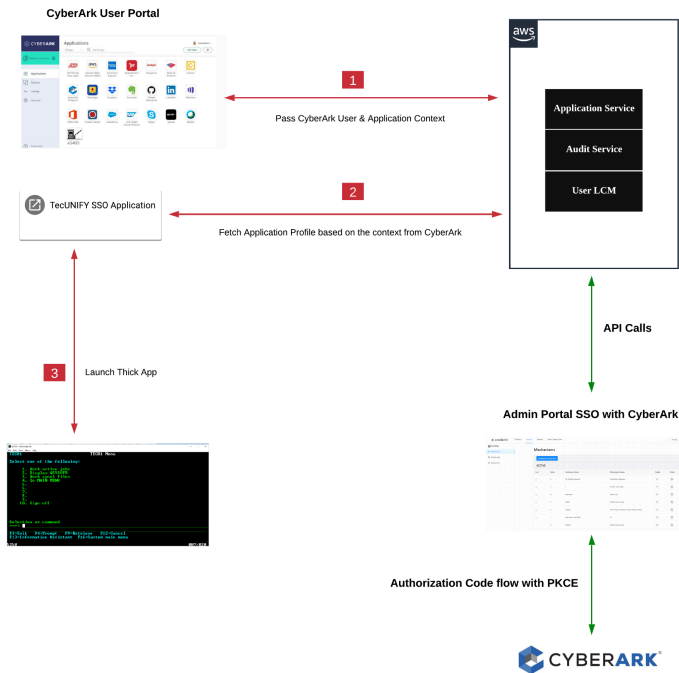
TecUNIFY provides the following benefits

- Leverages CyberArk App template for integration
- No changes need to be made to the on-prem thick apps, legacy apps or mainframe apps
- Supports applications running locally on the machine
- Drastically reduces friction and frustrations related to passwords for both the users and IT, providing IT the option to take away the password responsibility from the users
- Improve user convenience and Productivity
- Provides the IT team audit trail of all user access activities across disparate applications

Types of Apps supported by TecUNIFY

- Web Apps which do not support SAML/OIDC
 - Standard Web app with username and password
 - Multi-step/Multi page login
- Locally installed Thick Apps
- Mainframe/Terminal Apps (AS400)

Features



- Lightweight client components to achieve auto-login for thick applications or Mainframe applications
- Launch applications from CyberArk user dashboard
- Application assignment and credentials are configured in CyberArk Portal
- Easy to use Admin portal to manage application profile. Admin can login to the portal with their CyberArk credentials
- Certificate based authentication for communication between client components and backend services
- Audit logs of all thick applications accessed by the user
- Audit logs of all configuration changes made by the admins

Prerequisites

1. WIN 10 machine with version 21H1 or later
2. An administrator account on the WIN 10 machine to install TecUNIFY components and dependencies
3. Microsoft .NET Framework 7.0 runtime
4. Microsoft VC++ x86 & x64 redistributable is installed
<https://learn.microsoft.com/en-us/cpp/windows/latest-supported-vc-redist?view=msvc-170>
5. Users can access the Thick Apps/Legacy Apps
6. Users are able to login with their credentials to the CyberArk Identity User portal
7. CyberArk Identity Browser Extension plug-in is installed & user is authenticated to the plug-in
8. Installation path or desktop shortcut for Thick Apps/Legacy Apps is known
9. CyberArk Identity Cloud provisioned and accessible by administrators- This is required to profile the apps. The "User-Password" custom template in CyberArk Identity Cloud is leveraged for the integration with TecUNIFY.
10. Administrator may have to whitelist the TecUNIFY

Installation and Configuration Requirements:

- Tecnicos pre-sales team will provide a silent installer, install token, and certificate to install and configure TecUNIFY
- Tecnicos pre-sales team will provision TecConnect admin accounts for the customer admin
- Tecnicos pre-sales team will assist customer admin to set up an OIDC app in CyberArk required for integration
- Tecnicos pre-sales team will assist customer admins to integrate on-prem legacy apps with CyberArk portal