THALES

Citrix XenApp and SafeNet Trusted Access

The virtualization of essential enterprise applications allows organizations to deliver, from their data center, any application to any user, while managing access policies and software updates from a single, central location.

Citrix XenApp is an application delivery solution that enables any Windows® application to be virtualized, centralized, and managed in the data center and instantly delivered as a service to users anywhere on any device. However, as with any service consumed over the web, application virtualization also demands enhanced access control so that only authorized users can view, modify, and share enterprise files.

Thales Authentication Solutions

With the efficiencies and convenience of virtualization arises the need for stronger authentication. Beyond harboring sensitive documents and data, Windows applications are used to manage projects, databases, and schedules; distribute surveys; hold webinars and training (via Citrix services); and collaborate with peers.

Exclusively protecting access to your organization's documents and data with only a user name and password jeopardizes their integrity and security, as passwords can be easily compromised by phishing, hacking, and nefarious methods such as brute force (or dictionary) attacks.

By adding a second authentication factor, your organization can effectively raise the identity assurance level of users accessing your applications and information assets. To this end, Thales offers SafeNet Trusted Access that protect identities and ensure that individuals are who they claim to be.

A wide range of authentication methods and form factors, combined with federated login capabilities and flexible pricing models, allows Thales and Citrix customers to add strong authentication to Citrix XenApp, along with other network or cloud-based applications, streamlining authentication across an organization's IT ecosystem with unified, centrally managed access policies—managed from one authentication back end, delivered in the cloud or on-premises.

Key Features

Secure access to virtualized application and information assets

- Enforce centrally managed access policies on XenAppdelivered applications—protecting enterprise communications, sensitive documents, and application integrity.

Organizational efficiencies

- This integrated solution reduces the total cost of ownership when migrating to a virtualized application delivery environment, The solution provides a cost-effective method for hardening existing application virtualization schemes.

Deploys without changing existing architecture

- The Thales SafeNet flexible authentication solutions portfolio supports a wide range of authentication methods; organizations can implement strong authentication without sacrificing existing investments.

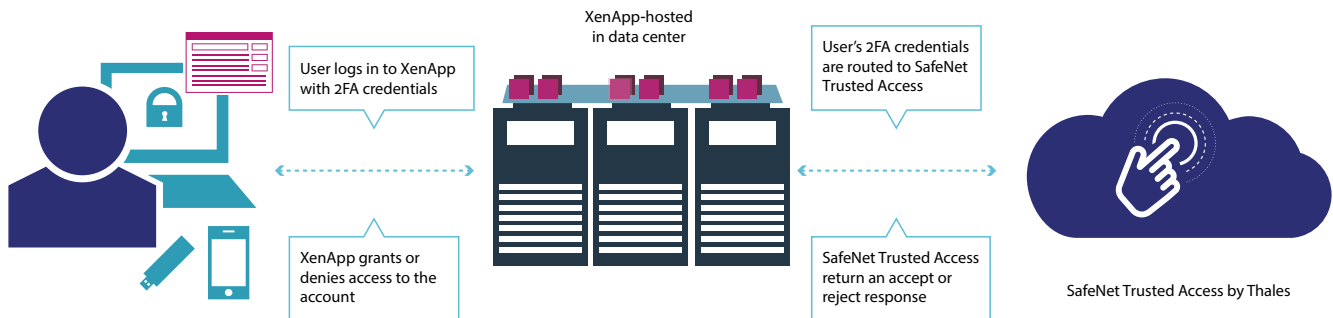**Extends strong authentication to the cloud**

- Enabling federated login multiple SaaS applications, cloud support from SafeNet Trusted Access by Thales allows organizations to use identity federation to extend enterprise identities to the cloud— creating a robust, extensible authentication framework.

Thales Authentication is Citrix Ready

SafeNet Trusted Access is certified Citrix Ready, so this product integrates seamlessly with Citrix XenApp, providing an added layer of security in the form of strong authentication when XenApp is accessed locally or delivered from the data center.

To securely access a XenApp account:

1. User logs in to XenApp with two-factor authentication (2FA) credentials.

2. SafeNet Trusted Access by Thales verify the 2FA credentials.

3. XenApp grants access to the account based on the response from the SafeNet Trusted Access.

Supported authentication methods

- One-time passwords (OTP)
- Certificate-based authentication
- Context-based authentication
- Out-of-band via SMS and email
- Pattern-based authentication

Available form factors

- Hardware tokens
- Phone tokens
- Smart cards
- USB tokens
- Mobile tokens

About Thales's SafeNet Access Management and Authentication Solutions

Thales's industry-leading Access Management and Authentication solutions let enterprises centrally manage and secure access to enterprise IT, web and cloud-based applications. Utilizing policy-based SSO and universal authentication methods, enterprises can effectively prevent breaches, migrate to the cloud securely and simplify regulatory compliance.

XenApp-hosted in data center

User logs in to XenApp with 2FA credentials

XenApp grants or denies access to the account

User's 2FA credentials are routed to SafeNet Trusted Access

SafeNet Trusted Access return an accept or reject response

SafeNet Trusted Access by Thales

SafeNet Trusted Access

SafeNet Trusted Access by Thales delivers fully automated, highly secure authentication-as-a–service, with flexible token options tailored to the unique needs of your organization—substantially reducing the total cost of operation.

- Comprehensive management
- Automated workflows and processes
- Vendor-agnostic token integrations
- Broad APIs
- Seamless user experience

With no infrastructure required, SafeNet Trusted Access enables quick migration to a multi-tier and multi-tenant cloud environment, and protects everything from cloud-based and on-premises applications to networks, users, and devices.

About Thales

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organizations are faced with an increasing number of decisive moments. Whether the moment is building an encryption strategy, moving to the cloud, or meeting compliance mandates, you can rely on Thales to secure your digital transformation.

Decisive technology for decisive moments.