

Singapore Charity Organization Addresses Cloud Access Management Solutions with SafeNet Trusted Access (STA)

Overview

A charity organization based in Singapore was challenged with finding an authentication method for end users who do not want the inconvenience of installing additional mobile applications or carrying hardware tokens.

With the issue of security and convenience becoming more urgent, the hospital turned to SafeNet Trusted Access by Thales as their access management system to centrally manage and secure access to cloud applications.

The Organization

The charity organization operating since 2011 provides assistance to the various groups within our community through programmes and services for the elderly and the sick, families, persons with disabilities, and children. The organization endeavours to help anyone in need with full respect to their race, colour, creed, language, culture and religion. It has more than 90 programmes and services, reaching out to more than 55,000 people in the community.



As a healthcare provider, patients' personal data is shared across trusted information systems, such as the National Electronic Health Record (NEHR) system. Personal data is also used to enable patients or need to participate in suitable care programmes or in relevant community services.

The organization assures the public that data is protected under the Personal Data Protection Act 2012 (PDPA), which regulates the processing of personal data in the private sector.

Currently, the organization employs over 700 users who benefit from the Thales SafeNet Trusted Access solution.

The Challenge

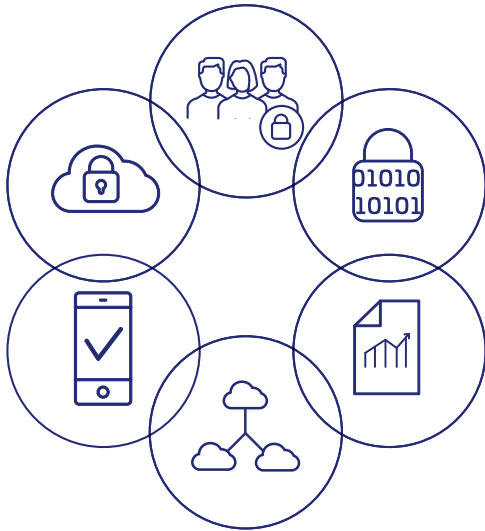
The business challenge to the organization was finding an authentication solution without the need to install additional applications or carry hardware tokens for its over 700 end users. To protect its data as well as to satisfy the different needs of its varying end users, the organization sought to implement a secure access management solution with strong two-factor authentication and role-based policies that can support a range of authentication methods.

An access management system is also required to centrally manage and secure access to cloud applications like Microsoft Office 365 and for ease of use and user convenience.



Solution

The organization adapted SafeNet Trusted Access (STA) by Thales as their solution to centrally manage and secure access to cloud and on-premises applications. SafeNet Trusted Access not only simplified the login experience for users but also reduced the overall security risk by applying flexible risk-based policies, smart Single Sign-on and universal modern authentication methods.



Prevent breaches

Deter unauthorized access and apply universal authentication methods for all apps

Enable cloud transformation securely

Transform your business and operate securely by applying consistent access policies to all on prem and cloud apps

Simplify the login experience

Make it simple for users to log into multiple apps with cloud SSO, elevating trust only when needed

Simplify compliance

Remain compliant as you grow your environment by setting policies that adapt to new regulations

STA is a cloud-based access management service that combines the convenience of cloud and web single sign-on (SSO) with granular access security. By validating identities, enforcing access policies and applying Smart Single Sign-On, organizations can ensure secure, convenient access to numerous cloud applications from one easy-to-navigate console.

STA offers:

- Fast and easy cloud access through Smart Single Sign-On
- A single pane of glass for centralized user access control
- Optimized security through fine-grained access policies
- Visibility into all access events for simplified compliance
- Secure access for partners and contractors
- Identity-as-a-service efficiencies

Thales' SafeNet Trusted Access (STA) streamlines cloud identity management, eliminates password hassles for IT and users, provides a single pane view of access events across your app estate and ensures that the right user has access to the right application at the right level of trust.

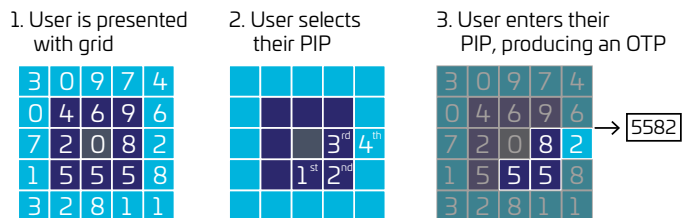
Thales GrIDSure Authentication

The organization also adapted GrIDSure tokens as a flexible authentication solution for end users to generate one-time passwords without the requirement of hardware tokens or software applications.

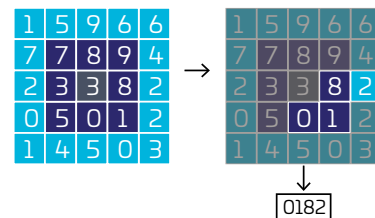
SafeNet Trusted Access makes it easy to implement secure access and strong authentication with Microsoft Office 365, offering robust application protection that is convenient for end users.

Thales' GrIDSure flexible authentication method allows an end-user to generate a one-time password without the requirement for hardware tokens or software applications. GrIDSure tokens work by presenting the end-user with a matrix of cells which contain random characters, from which they select a 'personal identification pattern' (PIP).

Whenever a user wishes to authenticate to a protected resource, they are presented with a challenge grid containing random characters. The user then enters the characters in the cells that correspond to their PIP.



4. In the next logon, the same PIP will produce a new OTP



The end result is far superior to static passwords. Every time the challenge grid appears, the characters in the cells are different, so the user is always entering a one-time passcode. Plus, there's no hardware to lose.

GridSure is supported by SafeNet Trusted Access, and can be used to protect a wide range of use cases, including:

- VPNs
- Network logon
- Cloud applications (SaaS)
- Web portals
- VDI

Key Features:

- Usability: Grid token is easy to use in any user population.
- Zero Footprint: There is no hardware to distribute and no client software to install or maintain.
- Ideal for Partner and Consultant access: GridSure is easy to use and to provision, making it ideal for securing external user access. Provision GridSure to external partners and contractors to secure access to partner portals or collaboration sites, without the hassle of shipping hardware tokens or installing software tokens.
- Cost Effective: This low cost solution becomes even more attractive because there's no administrative overhead with provisioning users with tokens.

Key Benefits:

- Pattern based "PIP" are easier to remember than PINs
- Characters in the Grid change for each logon
- No software to install or maintain
- No hardware to distribute
- Ideal for protecting web-based applications

Benefits:

By adapting SafeNet Trusted Access, the hospital was able to deploy a single solution that met all its needs, including significant cost savings with enhanced user convenience. By providing software and hardware tokens included in SafeNet Trusted Access, the organization was able to deploy a single solution, reducing TCO.

Thales GridSure Authentication further completes the layered security approach, providing a convenient, simple deployment to IT staff, and offers a pattern-based authentication solution that overcomes the weakness of passwords without the need for software to be installed or hardware to be provisioned.

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.

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.