



IDENTITY MANAGEMENT WITH THE **FREJA FAMILY**

Freja is an innovative solution to one of the biggest problems in the Internet era: How do you securely manage identities, access and credentials for a large number of users without costs going haywire?



5 reasons for securing your Identity Management:

1. Cyber crime is exploding
2. Fixed passwords are insecure
3. Decrease administration
4. Gain control over credentials
5. Increase productivity

It is becoming increasingly obvious that fixed passwords are not secure enough to protect company assets.

In addition to insufficient security and expensive administration, fixed passwords provide no opportunity for managing digital identities and authentication.

Verisec provides end-to-end solutions for securing digital identities, and our Freja appliance is the axis around which it all revolves. Adjacent to this, we offer a broad selection of login devices in the form of physical hardware tokens and software based devices such as Google Authenticator. The Freja appliance can also be combined with our Freja Self-Service Portal to facilitate user enrollment and registration.



The Freja philosophy: any user, any device, any application

Take the unlimited approach, at a limited cost.

COMPETITORS



USERS



DEVICES



APPLICATIONS

FREJA



TOTAL COST

The Freja philosophy:

- Unlimited number of users
- Add all applications
- Authenticate with any device
- Unsurpassed simplicity
- Endless scalability
- Total flexibility
- Limited pricing model
- Unlimited opportunity

AN UNLIMITED APPROACH WITH A LIMITED COST

Freja is a next generation strong authentication solution that lets you add as many users, applications and devices as you like, without additional costs or complex interferences to your systems:

1. Any user

Freja is based on a unique pricing model where the costs are independent of the number of users.

With Freja, there is no limitation on which kind of user types you want to manage and distribute credentials to. This is made possible by the fact that Freja does not intrude on already existing user records and databases, but only collects credentials from these directories. Since no user information is stored within Freja, you get total control and full flexibility. This means that you can manage all different user types, including different credentials, in one system; management teams, employees, partners, vendors and customers – without compromising security.

2. Any application

Freja provides secure access to all your applications without additional costs; remote access to internal networks, webmail, cloud services and web applications. Through the built-in SAML2 protocol, Freja can manage identity federation and thereby make single sign-on available to your users. With just one login you get access to both internal and external resources, everything secured through strong two-factor authentication with complete control over the credentials you choose to distribute.

3. Any device

As Freja is based on open standards (OATH) you are free to choose the login devices which best suits your needs and budget; from 2FA tokens (“Internet banking tokens”) and “one-button” tokens, to USB tokens and SMS passwords. If you wish to cut token costs completely this is also possible, since Freja fully supports authentication with the mobile application Google Authenticator. However, freedom does not only apply to the choice of tokens. One important benefit compared to PKI based login solutions is that the user – as long as he or she has a username and a token – can establish a connection from any computer or tablet.

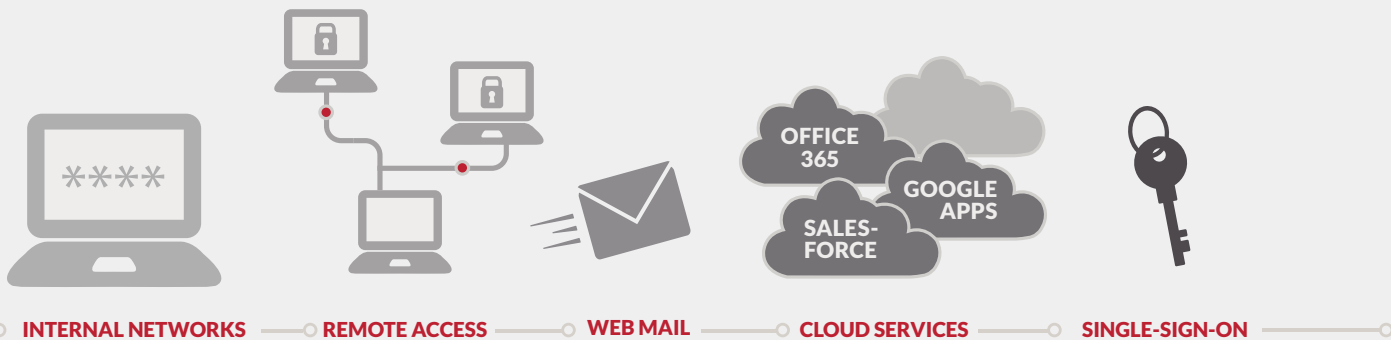
Minimize your costs

Freja is the most cost efficient solution even when the number of users in the system is only a few hundred. If you take into account that there is no extra cost for adding an unlimited number of applications it becomes even more competitive. And when you expand the number of users, Freja is without competition and essentially you use the system for 1000, 10,000 or 1000,000 users without increasing costs. Cost comparisons that have been conducted by our customers shows that Freja saves up to 65% compared to a proprietary authentication solution.



Any application

Secure identity and access management everywhere.



AREAS OF USE

As we get more connected, our need for secure access and identity management increases. That is why we have designed Freja to allow you to grow – not only the number of users but also the areas of use. Here is a summary of the most common areas of use today:

Remote access authentication

With Freja, you can easily set up a secure connection between an employee's home computer and your network, e-mail or other internal resources that he or she needs to access. Due to Freja's unique licensing model, you don't have to ponder on which employee should have priority for deploying secure remote access – as it is possible to include everyone without increasing costs.

Secure cloud access

With Freja, you can utilize all the benefits of the cloud while also taking control over information security – and not being forced to rely on insecure fixed passwords. Freja is completely disengaged from the cloud service and allows you to maintain control over credentials and identities. This also means your information will still be secure, even if the cloud service password database should be compromised.

Single sign-on & identity federation

Freja may function as a central coordinating unit for all your identity management. When a user logs on to, let's say his or her web mail, a SAML2 ticket is generated that can provide access to a number of resources such as Office 365, Google Apps or other cloud services – all in one and the same session.

Customer & partner login

Many businesses require individuals from outside the organization to logon to their systems. Freja's licencing model, where the price is independent of the number of users involved, in combination with the cost free Google Authenticator, allows you to offer secure login to large groups of customers, members, partners, retailers and vendors.

Multi-tier solutions

For large organizations where different divisions, affiliates or departments have varying degrees of integration, a clustered Freja solution can work as a center for routing credentials and identities. With a clustered Freja solution, the main office can maintain full control while leaving some credential distribution to be administrated locally.



Any device

Choose among a wide range of login devices or the free Google Authenticator



○ **HARDWARE TOKENS** ○



○ **SMS & E-MAIL** ○



○ **PIN-MAILER** ○



○ **CODE CARDS** ○



○ **GOOGLE AUTHENTICATOR** ○

LOGIN DEVICES WITH MAXIMUM FREEDOM OF CHOICE

Since Freja is based on open standards (OATH) you are free to choose from a host of login devices in order to meet your specific need and budget; in general, OTP devices that comply to OATH are less expensive than their proprietary counterparts. It is also possible to mix different devices for various user groups, if you wish.

- One-button tokens – a user friendly, low cost alternative without PIN keyboard
- Keyboard tokens – requires a PIN code before generating a onetime password
- Card tokens – allows additional functions as physical access control
- USB tokens – an easy to use one button device plugged in to the computers USB
- SMS & E-mail – excellent for temporary users or as a backup function
- Code cards – Multiple one-time passwords printed under scratch-film
- Google Authenticator – A free mobile token for iPhone, Android and Blackberry

The most popular devices:

- Keyboard tokens
- Google Authenticator
- One-button tokens

Verisec delivers these devices as part of an end-to-end solution in combination with Freja, and we also manage any warranty issues that may arise. We can guarantee all programming and logistics associated with the devices, ensuring that the right device gets to the right user at the right moment. We can also offer personalization of the tokens, with specific colors and logo prints to fit your branding.

However, since Freja is an OATH-based product you are not at all required to buy your tokens from Verisec. We will be pleased to help you implement OATH-tokens of any kind.

TECHNICAL PERSPECTIVE

General specifications:

Non-intrusive: The Freja appliance can easily be setup in existing infrastructure and can use existing AD schemes without requiring any changes. Existing FW's can be used to request strong authentication from Freja.

Quick deployment: Freja is an appliance that requires minimum time for installation and configuration.

Flexible: Freja comes with two different API's (SOAP and STS), that provide programmatic interfaces allowing integration with portals, single sign-on systems or legacy applications.

Open standards based: OATH, RADIUS, SOAP, SAML2.

Easy to upgrade: Quick update by downloading firmware or software upgrades.

Interoperability: Through its Security Token Service (STS) implementation, Freja can be used as the authentication component of an identity provider.

Deployment options

Freja hardware appliance: Freja as a rack-mountable hardware appliance is based on an OEM DELL server. The appliance is installed on the internal network with both external and internal access. All software is pre-loaded on the appliance and administration is provided through a WebGUI, accessible through a separate administration interface (NIC). Installation, configuration and training are included in the pricing, as well as free program updates and new versions.

Freja virtual appliance: installed as an appliance in your existing VMware environment. Installation, configuration and training are included in the pricing, as well as free program updates and new versions.

Freja Managed Service: We deploy and manage the complete authentication functionality as a cloud service. Login devices can be included in the package. If you wish to keep all your IT-operations with your existing supplier, Freja Managed Service is installed and integrated in that system.

Support: Standard 3 years support is always included. Our hardware support (NDB) ensures that faulty hardware reported before 11 a.m. is replaced on the next business day. It is possible to upgrade to 4 hours settling time. 24/7 service and support is also available as an option.



Freja Self-Service Portal

User enrollment has never been easier



How to provision a log-in device in less than a minute

FREJA SELF-SERVICE PORTAL **SIMPLIFY PROVISIONING AND USER ENROLLMENT**

The Self-Service Portal is an add-on to Freja which simplifies the process of user enrollment, ensuring that the right credentials are provisioned to a user's physical hardware token or to Google Authenticator on the user's smartphone.

Securing identities with less administration

Unless the right person gets the right credentials associated with his or her login token, it does not matter how secure your authentication solution is. Ensuring an identity may involve a significant amount of administration if this process is performed manually, i.e. face to face. In these cases, the user has to turn up at a certain place within the organization and show a proof of identity, after which he or she gets a login token associated to that identity. Although this provisioning method is secure, it is extremely demanding from a resource standpoint.

An automated solution with complete control

By leaving the enrollment to the user, Freja Self-Service Portal relieves the organization of much burdensome administration. But letting users verify their own identities is, of course, utterly pointless. That is why the user has to show some form of proof of identity during registration. This may be login information – username and password – to existing AD schemes or a PIN code delivered in a registered letter.

Customizable

The Freja Self-Service portal can be customized and branded to a particular organization's look and feel. Explanatory texts are all customizable in order to fit your corporate language and thereby minimize the risk of users not understanding the process. The portal can also be linked to your internal helpdesk and support teams.

Since Freja comes with license that allows you to add an unlimited number of users the Google Authenticator is especially interesting. It is a mobile app with proven functionality, and a high degree of security, that lets you take advantage of our unlimited approach without adding any cost for tokens.

HOW TO BUY FREJA

SIMPLICITY IN ALL ASPECTS

Freja is just as easy to buy, as it is to deploy. Our pricing is based on a license that gives you an opportunity to use Freja – within your organization – for an unlimited number of users and applications. No hidden costs, no supplementary costs, and no fine print are restricting your room for maneuver. The license also includes three years support, after which you can add a new support agreement at a limited cost, but this is of course optional. Should you choose not to extend the support agreement, you are still free to use Freja for an unlimited time period.

Migrating from an existing authentication solution

Several of our customers already have an existing authentication system in place. The migration process to Freja is very simple, and it's possible to adopt a gradual transition in a seamless process where users can be substituted in a pace of your own choosing. By switching to Freja, our clients have decreased their overall costs with as much as 65 % over a three-year period. If you want, we can provide financing solutions that make your cost savings visible from day one.

Also profitable for small businesses

To make Freja just as profitable for smaller organizations, we offer a license that gives you an option to use the system for up to 300 users. Apart from this, the functionality stays the same and there is no limit on how many applications you can add to the system. The day you wish to expand to more than 300 users, you can purchase a supplementary license that allows you to utilize Freja for an unlimited number of users.

Contact us!

We have solid experience of helping companies and authorities through the long process of acquiring or replacing an authentication system. This means that we can relieve you of much of the work related to the procurement process, such as requirements definitions, specifications and additional administration – we'll do everything we can to make your situation as easy as possible.

Start by contacting us via sales@verisec.com, give us a call at 0800 917 8815 (UK toll-free) or contact one of our local partners in your area.

