The only authentication platform you'll ever need.

SWIVEL
the power of knowing

The power of knowing is an incredibly powerful thing. Knowing that you can access your data whenever, wherever and however you want. Knowing that when you do, you're supremely secure. Knowing that your solution will be shaped according to your needs. Knowing it's a platform that uses leading patented technology across web, voice and SMS. Knowing that it's already earned the trust of millions all over the world.

That's the power of knowing.

Swivel.

Trusted by major global enterprises, Swivel is a proven, flexible authentication platform that's helping millions of users work more efficiently, and enhancing IT security.

At Swivel we don't take a 'one size fits all' approach. Instead we have a choice of authentication solutions that can be tailored around your business needs and your budget. Whatever you need to securely connect to and whatever communication devices you want to use, we can make it happen–securely and seamlessly.

Swivel Core.

The core of our offering is a set of technologies that delivers our challenge-response-based tokenless authentication solutions. These technologies allow us to deliver a consistent and compelling user experience.

At the heart of every Swivel solution is our authentication platform. It's the policy engine that defines and maintains all user rules. It manages user accounts and provides a range of administration and operational tools, to ensure that the policies you decide are right for your organisation are indeed implemented. It's a scalable, resilient enterprise-grade authentication platform.

This platform can be combined with our patented PINsafe technology to deliver a unique and powerful authentication solution.

Our core can work with or without our PINsafe technology; always ensuring security regardless of the level of complexity required. Aside from the instant provision/deprovision of users (by just adding or removing end users from Active Directory groups), there are obvious cost benefits associated, as physical tokens (and the associated administration) are completely removed. With this in mind, the overall costs of implementing an authentication solution are drastically reduced – as well as on-going management.

Applications.

The key to Swivel is the variety and flexibility available with our products – i.e. we can meet all your authentication requirements. We can deliver a constant user experience for a wide range of applications including VPN-based, web-based or application-based. Our solutions can be software-only, as a physical appliance, or as a virtual machine appliance, depending on your requirements.

	VPN	Web	Cloud	Desktop

Applications

Swivel Core

Devices

SMS	Mobile App	Telephony	Browser
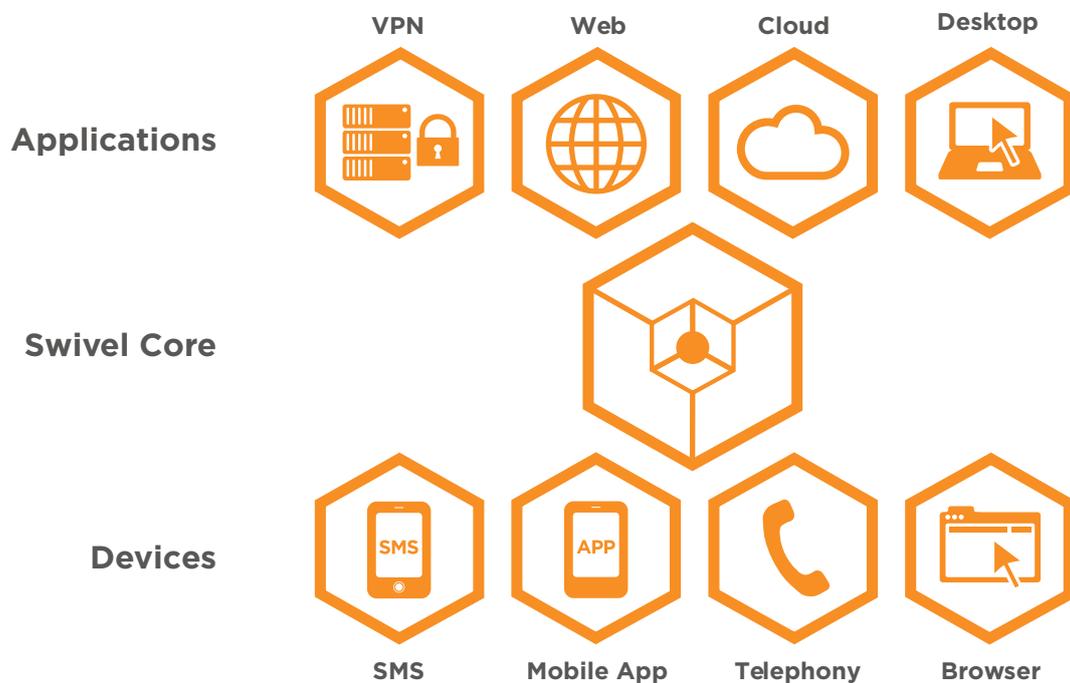
Devices.

When we talk about 'devices' we're really referring to the interface options available for our users to manage the authentication process. Swivel can work with a wide range of devices including mobile apps, tablets, in fact, pretty much any device with a web-browsing option. Or, if your preference is even more basic than that, we have the easier option of SMS.

As you would expect, we are constantly evolving our device options so that, as user behaviour changes, our authentication platform can be used simply, efficiently and above all securely.

Applications of Swivel.

VPN.

VPNs provide secure remote access. This access requires immensely strong authentication. They can be configured to use the Swivel platform as an external RADIUS server for authentication. The Swivel platform can pass additional information back in RADIUS responses, to tailor the VPN integration.

Web.

The Swivel platform has been deployed to allow tokenless access to web sites and web applications on various levels; be it allowing secure enterprise to enterprise comms. (e.g. via Outlook Web Access or via an Extranet), or between an enterprise and its customers or partners, via a customer portal or e-commerce site.

Cloud.

As cloud computing continues to expand and revolutionise business, the need to consider security around cloud applications is evermore paramount. We've developed a range of cloud options, including integration with Office 365, Salesforce.com and Google Docs, ensuring peace of mind when it comes to secure access to cloud services.

Desktop.

Remote users have secure and rapid access to services and applications. Such an environment provides remote access to users with strong authentication. Equally it can be deployed to local desktop environments, ensuring strong authentication whenever corporate data is accessed, either locally or remotely.

Device options.

SMS.

We naturally have an SMS product for those users without smartphones. The option of the PINsafe protocol makes SMS a stronger and more flexible proposition. Our SMS solution is entirely flexible. Security strings can be sent in a range of ways. You have the choice of a large number of SMS providers to choose from.

Mobile App.

As a leading technology business, we must ensure our products are accessible via the latest devices. It's equally important that our clients can confidently access their unified networks remotely and securely. We have developed a secure mobile app that allows safe delivery of our security strings to mobile devices.

Telephony.

Swivel can be used as a voice channel to authenticate internet use. This operates in the same way as the standard OTC process. Either a challenge is delivered to the user's phone, with a response then being entered on the web page; or the challenge is delivered onscreen, with the response being entered on the phone.

Browser.

Since Swivel began, we've been innovators in image-based, tokenless authentication via web browsers – all designed to protect web pages, Outlook Web Access (OWA) and SSL VPNs. We have three such products: all of which enable the security string challenge to seamlessly integrate with web and VPN login pages.

PINsafe.

A key, and unique feature, of our authentication platform is our patented technology PINsafe. PINsafe combines the use of registered PINs with random 10 digit strings that are sent to you either by SMS, Mobile app, email, telephone, or web, either on demand or in advance. You then combine these in your head to work out your unique one-time access codes, putting you at the heart of the strong multi-factor authentication process.

The beauty of PINsafe is that users need to enter a different credential every time, whilst never entering their PIN.

Your PIN is in your head.

The core sends you a 10-digit number here.

SMS

APP

You combine them in your head to create your 4 digit One Time Code.

How it works.

PINsafe allows challenge response authentication, without the need of a traditional token. The different user devices can be assigned to different users depending on your corporate security and access policies. It is designed with ultimate flexibility in mind – regardless of the size of your organisation.

The benefits of our tokenless solutions are endless.

Strong or two-factor? It's your choice.

Our approach is all about getting the right balance of security, cost and usability.
Not all situations have the same degree of risk or threat to the security of critical data.
That's why we offer a wide range of user interface options to reflect the potential risk,
individual users' access privileges and compliance responsibilities.

A secure investment with solid ROI.

With secure, remote access to your systems, your staff can work wherever, whenever.
This increased productivity will create a genuine return on investment. Our approach utilises
existing IT and mobile phone investments, so the costs are limited to the server licences and
minimal mobile network charges. Because of this, our solutions are easily scalable and can
support 100,000+ users without the need to purchase special hardware or client software.

Trusted by millions around the world.

Established in 2000 and a member of the worldwide Marr Group of companies, Swivel is a
tried, tested and most importantly trusted authentication platform. We have a proven track
record and our authentication solutions are used day-in, day-out by over a million users and
some of the biggest names in the world of business. Our products have been independently
tested and are CCTM accredited. Swivel is used across all verticals in the private sector as well
as widely in the public sector, throughout the world. Installations go from 10 users to 100,000
users and beyond.

Resellers.

We have distributor and reseller partners all over the world.

For more details, please visit swivelsecure.com/partners

Questions answered.

INTEGRATION.

Swivel can be easily integrated with all of the usual market leading VPNs and other remote access solutions - from vendors including Juniper, Citrix, Cisco, Microsoft, Checkpoint, Sonicwall, Netgear, to mention a few. It can also integrate with J2EE, .Net and LAMP-based web applications.

Equally, Swivel can be synchronised with your existing user repositories, such as Active Directory (no schema changes required) or SQL-based database, to create/delete user accounts.

ASSISTING WITH COMPLIANCE.

Where two-factor authentication is required, such as PCI and CoCo Compliance, Swivel can help deliver a compliant system. Swivel is a CCTM accredited two-factor authentication solution.

MOBILE PLATFORMS AND SMS PROVIDERS.

There are versions of the client available for all current smartphone platforms including iOS (Apple), Android, Blackberry, Windows Mobile and J2ME.

Swivel can also integrate with over 40 different SMS aggregators/suppliers and more can and are being added all the time.

WHAT AUTHENTICATION INTERFACES ARE SUPPORTED?

Swivel supports RADIUS-based authentication, SAML-based authentication and ADFS-based authentication for cloud applications and there is also a proprietary XML-based API available.

MANAGEMENT COSTS.

Swivel is designed to keep management costs low, by offering the following features.

- A range of user self-help (account reset, PIN changes).
- An easy to use helpdesk screen.
- Single-click PIN reset, account unlock.
- Automatic processes for account creation, account deletion and account reset.

LICENCE TERMS.

Swivel is licensed on a per-user basis. Perpetual and SaaS prices are available. Swivel can also be purchased as a software application or on a purpose-built appliance. Appliances can be physical or virtual and are available in a range of high-availability configurations.

TECHNICAL INFORMATION.

Software-only requirements: Requires Java 1.6/Apache-Tomcat Version 6. Min 1G RAM, 1GHz processor.

Physical appliance: 1U Appliance.
(subject to change)

Height: 1.68" (4.27 cm),
Width: 17.60" (44.70 cm),
Depth: 21.50" (54.61 cm).

RAID disks.

VM Appliance.

Distributed in OVF format. Compatible with ESX v3.x-4, Hyper V and Citrix Xen App.

INTERFACES.

AUTHENTICATION.

RADIUS.
Supports PAP, CHAP, MSCHAP v2, EAP-MD5 and LEAP protocols.

Supports RADIUS Challenge-Response and RADIUS Change PIN.

Supports vendor specific attributes.

Agent-XML.
Agent-XML (XML-based API over http(s)).

ADFS/SAML v2 via additional support software.

OPERATIONAL.

LDAP (for synchronisation with user repositories).
Supports LDAP, LDAPS and Global Catalogue.

Logging.
Supports XML-based and Syslog-based logging.

Reporting.
In-built and customised reports in CSV and XML formats on-demand or scheduled.

Management.
Web-based admin/helpdesk console.
Email alerts for system alarms.