

Passwordless Proof of Concept

Improve end user experience and security – get on the path to passwordless

The problem with passwords

The use of a username and password to gain access to services is something we are all familiar with, but there are significant user experience and security challenges associated with this approach.

- Compromised passwords are the cyber criminals principal attack vector.
- User controlled passwords are often weak and re-used in multiple places.
- Forgotten passwords are a major cause of user frustration and bad user experience.
- Passwords are expensive, sucking up service desk time to maintain and reset.
- Passwords can be shared, presenting a security gap.

If someone else gets hold of your password it can be used to impersonate you from another device and location – presenting a big security challenge.

81% of hacking related breaches used either weak or stolen passwords ^[1]

References: ^[1] Verizon 2017 Data Breach Investigations Report

Multi-factor authentication (MFA or 2FA) helps to mitigate the risks, but the crux of the problem is that the secret or password can be discovered or phished.

Users are still required to memorise and safeguard secrets, so the security risk of password reuse still exists, and the costs of maintaining passwords also remain.

What if you could increase your identity security whilst also improving your end users' experience?



Passwordless solutions

Did you know that Microsoft offers various passwordless solutions right now?

- **Windows Hello for Business (WHFB)**
Passwordless login via Windows 10 devices to authenticate using either a biometric or a PIN.
- **Microsoft Authenticator App on mobile phone devices**
Passwordless sign-in using mobile phone (or other device) authentication.
- **Fast Identity Online (FIDO2) standard compatible security keys**
These keys can be used to login to your Windows 10 devices and authenticate to both your cloud and on-premises resources.

A Passwordless Proof of Concept

ThirdSpace works extensively with many organisations to help them move away from passwords. Our close relationship with Microsoft and other reputable security vendors, such as Yubico, enable us to help you move to what will be the new standard way of signing in.

To help you better understand how these technologies will work in your environment, ThirdSpace offer a Passwordless Proof of Concept (PoC). This PoC can be delivered in a controlled way within your production environment and enable you to experience the benefits it can provide.

ThirdSpace can discuss the options available, how they could work in your organisation, and help prepare a solution that is right for you.



Our approach

The PoC kick-off workshop

Our PoC will always start with a workshop where we will cover the following topics:

- Understanding your specific business drivers for moving to Passwordless.
- Understand how your business functions in terms of:
 - Geography
 - Business units
 - Applications in use
 - How you manage and communicate with your end users
- Provide technical overview and understanding of the options available.
- Work with you to define the right approach for the PoC including:
 - Helping you define the right set of PoC users
 - What options to include
 - Pre-requisites necessary
 - Implementation approach
 - Communicating with and educating your end users

Following the workshop, we will have a clear agreed path to enable you to experience the benefits of a passwordless approach.

The PoC roadmap and implementation plan

With a defined scope, ThirdSpace will then work with you to enable the relevant technologies and develop a PoC implementation plan covering:

- Initial configuration requirements
- Validation and testing
- End user communication and business change management
- Support during the PoC

Having understood your ambitions with Passwordless, we will also create a Passwordless roadmap that will allow you to better understand your Passwordless journey and the necessary considerations along this path.

Next steps

Speak to one of our friendly experts about our Passwordless Proof of Concept options.

Just want to better understand and experience how a Yubico FIDO2 security key can work in your environment? That's no problem. We can be flexible in our approach - our ultimate aim is to align closely with your specific needs.

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