

Passwordless Authentication for the Enterprise

Phishing-resistant authentication with Digipass® FIDO2 security keys from OneSpan, deployed at enterprise scale by Black Box.



“
81% of hacking-related breaches involve stolen or weak passwords.”

— Verizon Data Breach Investigations Report

Passwords remain one of the most common entry points for cyberattacks. Phishing attacks, credential theft, and password reuse continue to expose enterprise environments to significant security risks.

At the same time, IT teams are navigating the realities of a highly distributed workforce, where users access applications across multiple devices, locations, and networks. This added complexity makes it increasingly difficult to rely on traditional authentication models, which were not built to handle today's scale or evolving threat landscape.

Why Go Passwordless?

- ✓ Reduce human-related security risk
- ✓ Prevent phishing-based account takeover
- ✓ Improve the login experience for users
- ✓ Strengthen Zero Trust security architectures



Digipass® FIDO2 Security Keys from OneSpan

Digipass® FIDO2 security keys provide phishing-resistant, passwordless authentication built on the FIDO2 standard. Using public-key cryptography, authentication credentials never leave the device, significantly reducing exposure to phishing attacks and credential theft.



Phishing-Resistant Security

Delivers strong protection against credential theft and phishing-based account takeover.



FIDO2 Industry Standards

Built on globally adopted authentication standards trusted by leading enterprises.



Passwordless User Experience

Enables seamless, password-free login through biometrics or tap-based authentication.

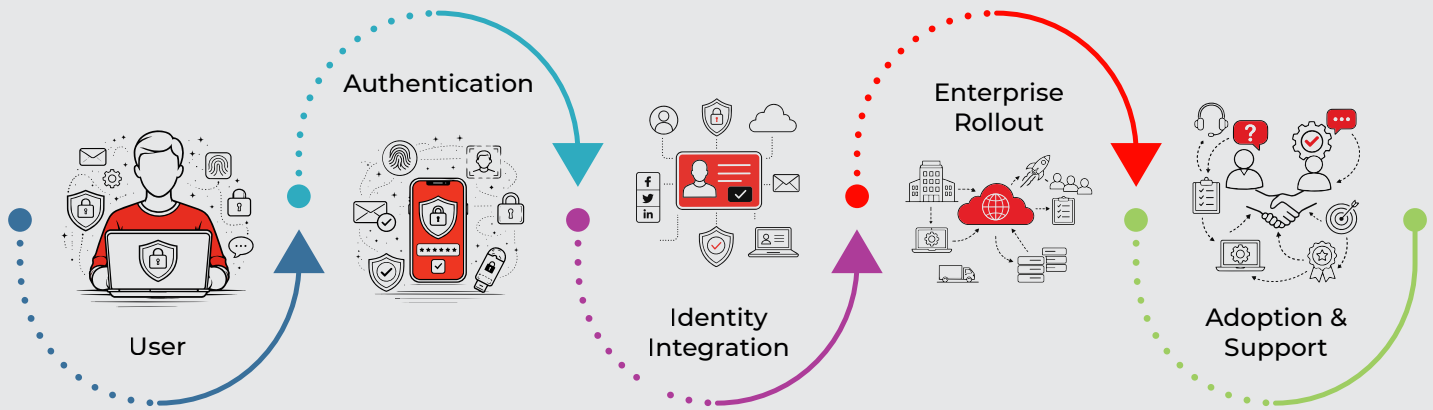


Authentication as a Service

Simplifies deployment, provisioning, and lifecycle management of Digipass® security keys across enterprise environments.

Making Passwordless Authentication Enterprise-Ready

Through the partnership between OneSpan and Black Box, enterprises can deploy Digipass® FIDO2 authentication across complex environments while maintaining security, scalability, and operational control. Flexible delivery models simplify provisioning, lifecycle management, and operational support across distributed environments. Black Box supports the rollout of passwordless authentication across enterprise environments, enabling successful deployment and user adoption.



Black Box Deployment Expertise



Enterprise Deployment

Coordinated rollout of authentication devices across users, devices, and locations.



Identity Platform Integration

Integration with identity platforms such as Microsoft Entra ID and other FIDO2-compatible identity providers.



User Onboarding & Adoption

Training and onboarding programmes that help ensure smooth adoption across the workforce.



Operational Enablement

Support for provisioning, rollout coordination, and operational readiness across distributed environments.

The Result: Enterprise-Ready Passwordless Authentication

- ✓ Strong phishing-resistant authentication
- ✓ Seamless user experience without passwords
- ✓ Enterprise deployment across distributed environments
- ✓ A trusted partner supporting rollout and adoption



Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.