



Digital Workspace | Passwordless Authentication

ABOUT CDI

For decades, CDI has been recognized as one of the premier technology providers in the world, offering customers best-of-breed hybrid IT solutions. Our **hybrid cloud infrastructure (HCI), digital workflow and workspace, modern intelligent technology operations (MITO),** and **resale** solutions enable enterprises to accelerate their digital transformation by providing a solid infrastructure foundation.

ABOUT Microsoft

At the forefront of technological advancement, Microsoft stands as a global leader, **empowering individuals, businesses, and communities.** Their commitment to innovation drives them to create transformative solutions that shape the future. From the ubiquitous **Windows operating system** to the versatile **Microsoft 365 suite,** Microsoft seamlessly integrates productivity, collaboration, and security. Their cloud platform, **Azure,** empowers organizations to scale dynamically, harnessing the power of data, artificial intelligence, and machine learning.

Microsoft Passwordless Authentication and CDI: The Problem with Passwords...

When used as the sole authentication method, password authentication alone is insecure as passwords can be easily phished by attackers. Phishing is the number one attack method for credential theft and all organizations have experienced some level of generic phishing if not more targeted spear-phishing campaigns.

Windows Hello for Business

With the biometric security in Windows Hello, a user's face, fingerprint, or PIN replaces the use of a password to log in, unlock apps, or make in-app purchases. Using asymmetric keys provisioned in a Trusted Platform Module (TPM), Windows Hello protects user authentication by binding a user's credentials to their device.

Microsoft Entra Passwordless Sign-in

Microsoft Authenticator and Microsoft Entra ID can be enabled for passwordless authentication to Entra ID protected resources, providing additional security protection and enhancing the user authentication experience.

Strong Authentication with FIDO2

Microsoft Entra ID now supports the use of FIDO2 hardware tokens. Once registered to a user, these physical tokens replace the Authenticator app while still enforcing strong authentication requirements and providing users with a simpler authentication experience.