

## Security Solutions

# PROXIMITY LOGIN

## FROM DREAM TO REALITY

### Near Proximity Login with Windows Hello

- What is windows hello?
- The convenience of no password

Windows Hello is a technology that allows Windows 10 users to authenticate to their PC with **biometric identification, such as a fingerprint, iris scan or facial recognition**. This enables users to log in to their PC faster and considerably more securely than using static passwords.

None of us like passwords. They can be cumbersome to use and difficult to remember. **Passwords are getting more and more insecure**, being subject to phishing, massive leaks and other attacks that even the most security-savvy have trouble trying to stay ahead of.

Regardless of these failings, we are not moving away from using passwords, as they remain familiar and universally supported. **Windows Hello offers a solution that reduces the use of passwords, making our digital lives both easier but also considerably more secure**. With the use of biometrics, Windows Hello introduces new concepts and technologies to workstation authentication.

At RCDevs we believe that biometrics alone will not be sufficient to meet tomorrow's security requirements and external physical factors will still be required.

- How it works?

BEFORE



Login + Password

AFTER

### AUTHENTICATION WITH NO PASSWORD



RCDevs  
Application



Bluetooth  
Connection



Windows Hello  
Companion Devices

- OpenOTP 2FA with Proximity

## STRONG MOBILE AUTHENTICATION WITH NO PASSWORD

**OpenOTP PROXIMITY is using BLE (Bluetooth Low Energy)** to allow two ways of authentication with Windows Hello using a mobile device:

- ▶ **Automated:** mobile device is brought to within 1 meter (in example) distance to PC and the user is signed in automatically, without needing to press any key on the phone or PC.
- ▶ **With approval:** similar to automated, however, an approval request will appear on the mobile screen, prompting the user to accept the sign-in. This can be combined with a PIN code or a fingerprint identification on the phone.

**OpenOTP BLE Authentication** is similar to Bluetooth based Lock screen feature of Win 10, the capability of detecting if a paired device is near a logged in Win 10 machine. **OpenOTP BLE Authentication** is however much more than only a Lock screen, featuring also an un-lock and sign-in when the user brings the smartphone near the PC. **OpenOTP BLE Authentication** brings out the best in Windows Hello: an extremely easy workflow with no keyboard interaction and only the familiar mobile device needed at hand.

## IMPROVED USER EXPERIENCE

With **OpenOTP BLE Authenticator**, users will not need to be acquainted with multiple forms of logon, needing to for example switch between facial recognition for PC login and then using the mobile token to log on to corporate VPN. OpenOTP can provide the same simple accept/reject login sequence and end-user experience throughout all corporate applications and services, now with Windows Hello logon included.

## DEPLOYING OPENOTP BLE AUTHENTICATION

Users with OpenOTP Token Application already installed on their smartphone can enable BLE Authentication on their own, by installing **OpenOTP BLE Authenticator** service on Windows. Once installed, there is nothing a user would need to type on their Windows 10 PC to lock, unlock or to sign-in, the proximity of their mobile is all that is needed.



RCDevs is an award-winning security company specialized in next-generation two-factor authentication. RCDevs is building its growing reputation over high-quality security software and its customers' entire satisfaction.

### MULTIPLE AWARD-WINNING

RCDevs received the Sesames Award for the Best Innovation Discovery, the Commendation Award at SC Magazine for the Best SME Security Solution.

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