

FIDO SECURE SIGN-ON



FIDO (Fast Identity Online) is a set of open standards for secure, passwordless authentication that aims to reduce the reliance on passwords for online authentication.

Passwords are not fit for purpose:

- Clumsy
- Hard to remember
- Easy to PHISH, harvest, replay

SMS and OTP add security but are inconvenient and still vulnerable to PHISHing

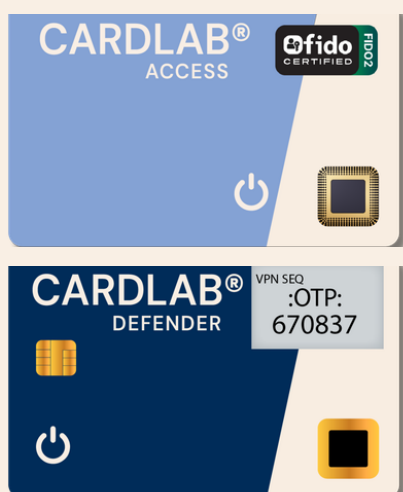
Secure: CardLab FIDO cards generate compliant dynamic credentials, making them more secure than static passwords.

Convenient: CardLab FIDO cards can be carried with the user to authenticate from any device with a compatible reader via RFID, Bluetooth, ISO7816.

Accurate: CardLab FIDO cards accurately verify the identity of the user, reducing the risk of unauthorized access.

Fraud reduction: CardLab FIDO cards help prevent unauthorized access and fraud by ensuring that only authorized users can gain access to secure systems or resources.

Improved compliance: Using CardLab FIDO cards can help organizations meet regulatory requirements for secure access and data protection



Access and Defender cards – at a glance:

- Match on card fingerprint sensor for verification
- No requirement to upgrade installed readers
- Supports multiple reader types via RFID
- Optional display for information data
- Embedded record storage option
- GDPR compliance through identity tokenization
- User artwork according to card industry standards
- Multiple personalization options

Solution benefits: The Access and Defender cards have been designed to work with multiple readers and can work with existing infrastructure. Biometric data is stored only on the card so there is no requirement to manage databases of biometric data with its inherent hacking risk. With an RFID or optional contact or Bluetooth interfaces, the card can serve as the authentication devices for any host platform including tablets, PC's, door locks and other terminals, and will function without any special upgrades to the backend as all is based on authentication API's. Only by presenting the correct, registered finger, can the card and any stored data be activated and prove your identity.



**Learn how CardLab's Access, Defender,
and Quardlock Backend solutions
can protect your enterprise while
simplifying user experience.**



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