



Secure. Evolved. Enterprise-Ready.

## Understand the key differences between FIDO2 CTAP2 and CTAP2.1 — and why it matters for your authentication strategy.

The VeriMark™ Guard 2.1 Fingerprint Security Key offers state-of-the-art biometric authentication with FIDO2 and CTAP 2.1 certifications. It supports diverse authentication methods, including password-less access, dual-factor and Tap-and-Go for legacy services. Compatible with major web platforms such as Google, Meta and Microsoft, it supports industry standards for security and compliance, including GDPR and TAA.

Feature	CTAP2	CTAP2.1
Authentication Strength	Passwordless, phishing-resistant	Same — with added policy control
User Verification (UV)	Optional (PIN or biometric)	Supports “Always UV” authenticators for stronger protection
Credential Storage	Resident keys supported	Credential management (delete, list)
Enterprise Features	Limited	Enterprise Attestation for device trust policies
PIN Management	PIN support	Enforce minimum PIN length, force PIN change
Authenticator Reset	No standard method	User-initiated reset supported
Credential Protection	Basic	Improved isolation between credentials and relying parties
Compatibility	Widely supported	Fully backward compatible
Apple Attestation	Not supported	Not supported

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## Why Upgrade to CTAP2.1 Fingerprint Security Keys?

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**Stronger security policies**  
for managed environments



**Credential and PIN lifecycle support**  
more user-friendly



**Better user verification controls**  
ideal for high-security roles



**Built for enterprise needs**  
attestation and trust anchoring



**Discoverable Credentials**  
enables credentials to be stored and used without needing a username first



**Stronger security policies**  
for managed environments

## VeriMark™ Guard 2.1 Fingerprint Security Key

Which operating system?



FIDO

FIDO U2F and FIDO 2 Certified

Authentication required/  
browser(s) used?



Type

Match-in-sensor

Services used?



Data Stored

Fingerprint template data in key

Password manager  
compatibility



False Rejection Rate

2%

False Acceptance Rate

0.001%

Readability

365<sup>o</sup>



USB-C® K65051WW



USB-A K65050WW



Learn more by visiting  
[kensington.com/solutions/product-category/why-biometrics/](https://kensington.com/solutions/product-category/why-biometrics/)



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