



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 like 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	Now supported

Kensington®

Why Upgrade to CTAP2.1 Fingerprint Security Keys?



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^o



USB-C® K65051WW



USB-A K65050WW



Learn more by visiting
kensington.com/solutions/product-category/why-biometrics/