



wacom®

# Biometric Kiosks and Jumpkits Signature Pad Solutions

## The Challenge

Organizations operating in fixed high-traffic or high-security environments must accurately verify identities and control access, often across multiple locations and large populations. Traditional methods like badges, PINS, passwords or physical documents are vulnerable to loss, theft, fraud or human error, creating potential security gaps. As volumes increase, manual processes struggle to scale while maintaining compliance, auditability and a seamless user experience.

Remote field operations often take place in locations where fixed infrastructure, reliable power and secure connectivity are limited or unavailable. Traditional biometric systems are bulky, stationary and dependent on controlled environments making them impractical for rapid deployment. Without a portable solution, teams face delays in identity verification, increased operational risk and limited ability to enroll or identify individuals accurately in time sensitive or high-risk situations.

## The Solution

**Biometric kiosks** provide precise, trusted and auditable identity verification and access control by capturing and validating unique biometric data in real-time. Using integrated technologies like facial recognition, fingerprints, iris scans and electronic signatures, they capture and verify identities in real time, eliminating guesswork and reliance on cards or PINS. With flexible, multi-modal authentication options, these kiosks support secure access and identity verification across high-traffic and high-security settings, including airports, law enforcement and border checkpoints, government services, corporate and education facilities and more. The result is stronger security, faster throughput, and potentially reduced operations costs.

**Biometric jumpkits** are rugged, portable, all-in-one systems designed for rapid identity capture and verification. They enable law enforcement, military and border security to

collect fingerprints, iris scans, facial images via cameras and demographic data in remote, harsh, or tactical environments. Functioning as a mobile version of traditional live-scan systems, jumpkits support real-time identity verification, including enrollment, matching watch lists or national databases, wherever operations require fast and reliable identification.

## Where Wacom for Business Biometric ID Solutions Come In

Wacom for Business hardware and software solutions augment biometric kiosks and jumpkits by providing **hardware** (pen displays, signature pads) and **software** (SDKs and existing 3rd-party integrations) that capture **unique handwriting biometrics** (X/Y, pressure, speed, stroke timing) **for secure user authentication**, creating legally binding, verifiable e-signatures, and integrating seamlessly into digital workflows bridging physical and digital processes with secure, natural-feeling digital ink.

**Secure & Encrypted Signatures:** Data is encrypted during transmission, ensuring security for sensitive transactions, and stored with the proprietary signature object for verification against fraud.

**Natural User Experience:** Portable, lightweight, battery-free, cordless pens and interactive displays offer a familiar, paper-like signing experience, making for a user-friendly experience for in-person confirmations.

**Software Integration (SDKs):** Wacom's SDKs (Software Development Kits) allow developers to quickly embed this e-signature functionality directly into existing applications, creating customized, secure digital workflows.

**Multi-Factor Authentication:** The captured biometric data serves as a crucial component for multi-factor authentication, verifying user identity beyond just a password or ID.

## Key Wacom Products for Kiosks:



### STU-540 Color Signature Pad

Compact, durable signature capture solution that is ideal for counters, desks and kiosks.

[Learn More >](#)



### DTU-1141B Signature Display

Fill out forms, review, and sign directly on screen with a 10.1" Full HD display.

[Learn More >](#)

Contact your Wacom for Business team at [esign@wacom.com](mailto:esign@wacom.com) for more information.