



USE CASE: KSI-2100 NB

Securing the Financial Desktop

The Case for Fingerprint Authentication in Financial Services

In the modern financial landscape, the ability to provide seamless customer service is inextricably linked to the strength and efficiency of a firm's identity security.

The Challenge

Financial institutions operate in an environment where every second and every keystroke matters. Employees in banking, lending, and insurance are constantly pivoting between customer financial records, payment systems, and loan origination software.

Traditionally, this access has been guarded by passwords — a primary point of friction. Weak or reused passwords invite breach risks, while the inevitable cycle of forgotten password resets creates a significant drain on IT resources. In a sector where identity is the new perimeter, relying on manual credentials alone is no longer a viable strategy for securing the workstation. And, as cyber threats continue to target identity systems, many organizations are reevaluating how users authenticate at the desktop.

The Opportunity

The transition to biometric authentication represents a shift toward a more secure, efficient workplace. By utilizing fingerprint login, financial organizations can move beyond the “shared secret” of a password to a model based on physical presence. This doesn't just harden the workstation; it transforms the employee experience by allowing staff to spend less time fighting login screens and more time focused on the client transaction at hand.

Biometric authentication offers a practical path toward stronger workstation security while improving user convenience.

NEXT Biometrics
fingerprint authentication



KEYS TO SECURITY

Putting the spotlight on today's most pressing cybersecurity challenges and innovations

Fingerprint login can help:

- ⇒ Reduce reliance on passwords alone
- ⇒ Improve login speed and efficiency
- ⇒ Strengthen user identity verification
- ⇒ Lower password reset burdens on IT teams
- ⇒ Create a smoother employee experience



For financial organizations balancing productivity and protection, integrated biometrics can be an attractive middle ground. Instead of adding separate external devices, organizations can streamline workstation setups with a professional keyboard that includes integrated biometric capability.

KSI Solution: Engineered for the Modern Financial Workstation

The KSI-2100 NB is a professional-grade biometric keyboard designed to bridge the gap between high-level security and daily productivity. Rather than cluttering a teller's desk or a wealth advisor's workstation with separate peripherals and extra cables, KSI offers a space-saving, all-in-one design that integrates authentication directly into the primary input device.

At the heart of the KSI-2100 NB is NEXT Active Thermal™ technology, an advanced sensing solution that provides superior fingerprint imaging. This enterprise-grade sensor is scratch-resistant, ensuring long-term reliability in high-traffic environments such as bank branches or call centers. Combined with low-profile keys designed for precise tactile feedback, the keyboard offers a premium typing experience that stands up to the rigors of full-time commercial use.

Faster Access to Critical Systems

Staff can authenticate quickly and return to customer service and operations without friction.

Stronger Identity Assurance

Fingerprint authentication helps verify the authorized user is physically present at login.

Cleaner Desktop Footprint

An integrated reader can reduce reliance on separate peripheral devices and extra cables.

Better User Adoption

Authentication is built into a standard keyboard, and users adapt with minimal disruption.



Seamless Compatibility & Integration

Modern financial IT stacks require hardware that is plug-and-play with existing software. The KSI-2100 NB is engineered for broad compatibility, offering native support for:

- ⇒ Windows Hello for instant, passwordless desktop login.
- ⇒ Microsoft Entra ID, supporting cloud identity management.
- ⇒ Leading SSO platforms, integrating effortlessly with Single Sign-On tools already used to manage sensitive financial applications.

Ideal Use Cases

The KSI-2100 NB biometric keyboard is well-suited for:

- ⇒ Bank branches
- ⇒ Credit unions
- ⇒ Insurance offices
- ⇒ Wealth advisory firms
- ⇒ Finance departments
- ⇒ Call centers handling account data
- ⇒ Administrative teams with sensitive access



The Bottom Line

Modernizing a security posture doesn't require a complex, disruptive rollout. Often, the most effective upgrade is the most practical one. The KSI-2100 NB biometric keyboard allows financial organizations to strengthen desktop access and support a superior user experience — all with a single touch.



Discover how KSI enterprise authentication solutions can secure your team's workstations. Contact KSI Keyboards for a consultation or product demo.



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