Simplify and Secure Each ATM Transaction with Intuitive Biometric Access.

Biometric technology is increasingly familiar to consumers in their everyday lives, from accessing their smartphones to conducting transactions at self-service terminals. Research shows that 58% of consumers prefer biometric security over a traditional password: Everyone desires a more frictionless, simple experience—but security remains paramount. Diebold Nixdorf's Enhanced Fingerprint Reader offers an industry-leading solution to enhance the consumer experience at the ATM.

TOUCH AND TRANSACT

Diebold Nixdorf is enhancing the ATM experience by enabling consumers to simply touch and transact through its Enhanced Fingerprint Reader. By using differentiating multispectral imaging (MSI) sensor technology, the Enhanced Fingerprint Reader provides high performance reading and authentication under multiple illumination conditions, including varying wavelengths, orientations, and polarization, offering users. Thus allowing users an enhanced transaction experience.

DESIRABLE CONSUMER EXPERIENCE

Easy enrollment, verification, and authentication is possible on the Enhanced Fingerprint Reader. The device requires minimal to no training for new users due to its intuitive visual cues and adoption of other consumer biometric technologies.

ACCURACY WHEN IT MATTERS

The MSI sensor succeeds where conventional fingerprint sensors fail—gaining accurate reads under the harshest conditions. It is adaptive to wet, dry, or dirty conditions where imaging can be difficult.

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SECURITY IS MORE THAN SKIN DEEP

The MSI sensor protects against human skin spoofs and fraud through measured optical characteristics only present on human skin Liveness detection prevents stolen fingerprints to be used, ensuring privacy and preventing fraud. The technology takes multiple images of the finger, capturing both surface and sub-surface fingerprint information, resulting in its best-in-class biometric performance.

Through a layered approach, the Enhanced Fingerprint Reader communicates through a secure, encrypted channel between it and the processor – allowing sensitive biometric data to travel safely to complete the transaction. Its anti-tamper sensor ensures if the reader is damaged or stolen, it will never operate due to the potential of fraud occurring

WORLDWIDE SCALABILITY

The Enhanced Fingerprint Reader is backward compatible and can be used with existing fingerprint databases collected with different imaging technologies. Proven and scalable, the MIS technology is currently in use across the world with over 140 million users and over 4 billion ATM transactions processed annually.

INTEROPERABILITY

We live in a highly connected world, making interoperability with back-end systems critical to deliver customer value. The Enhanced Fingerprint Reader is not just limited to the ATM, the reader can be used to enroll individuals for use of other bank channels. Customers from other financial institutions can also use the reader once enrolled, thereby making the experience seamless across channels.

THE ENHANCED FINGERPRINT READER IS AVAILABLE ON THE FOLLOWING SYSTEMS

CS 5500, CS 5550

To learn more, **visit DieboldNixdorf.com.**