

## WIS@key Secures Ensurity's Passwordless Access to Microsoft Windows and Azure AD

*While the popularity of remote working is rising, organizations are struggling to maintain a consistent digital security to protect their sensitive data in transit. Ensurity has selected WIS@key's certified cybersecurity solutions to secure digital credentials of geographically distributed workforces.*

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**Geneva, Switzerland – Hyderabad, India – October 8, 2020:** WIS@key International Holding Ltd. (“WIS@key”) (SIX: WIHN, NASDAQ: WKEY), a leading global cybersecurity and IoT company, announced today that Ensurity Technologies (“Ensurity”), a Hyderabad, India-based cybersecurity company and a member of Microsoft Intelligent Security Association (MISA), has selected WIS@key's Common Criteria



certified secure microprocessors to design its ThinC-AUTH FIDO2 certified biometric key to access Microsoft® Windows® and Azure® AD.

For more than two decades, WIS@key has been one of the very few recognized providers of hardware and software, first-in-class digital security solutions for cybercrime protection, people and object identification and authentication. WIS@key has designed secure chips, which are widely used in highly sensitive applications such as banking, national ID and PayTV. Most of these chips are designed for and certified with Common Criteria EAL5+, one of the highest government grade security certifications.

Ensurity has been partnering with Microsoft through the Microsoft Intelligent Security Association (MISA), an elite group of cybersecurity technology companies, to support the FIDO2 passwordless initiative and offer a secure login to Microsoft Windows and Azure Active Directory (AD), a solution to remotely access corporate data and applications. ThinC-AUTH is a FIDO2 certified and Microsoft compatible USB based security key featuring a fingerprint touch sensor. The key is designed around WIS@key's secure chip with a government grade digital security certification to guarantee that credentials, cryptography methods and user's fingerprints are stored in a safe place.

"Living in a digital world allows us to access many online new services in the blink of an eye, which is a significant progress," stated Carlos Moreira, Founder and CEO of WIS@key. "In particular, remote work often leads to the comfort of employees. Then, cybersecurity becomes a must to protect corporate assets. The combination of our unique expertise in designing secure chips with Ensurity's identity platform to power the new distributed Zero Trust digital economy generated a sound solution for decentralized organizations."

"Microsoft's computer environment is predominant in most organizations. Ensurity, is an established FIDO2 solution provider working with Microsoft since they adopted this standard to reinforce their Windows and Azure AD platforms security with a passwordless approach," said Amit Mathur, COO of Ensurity. "Building our ThinC-AUTH biometric key on WIS@key's certified cybersecurity was a natural choice when we decided to further enhance the protection of our customer's credentials and private information."

A recent research delving into passwords used in our day-to-day digital life found that an alarming 78% of respondents use an insecure method to help remember their password, with 34% admitting to using the same password for multiple accounts. Poor password hygiene presents a significant security risk for organizations. According to the 2019 Verizon Data Breach Investigations Report, 80% of hacking-related breaches involve compromised or weak credentials, while 29% of all breaches involved the use of stolen credentials. The consequences of a breach can be catastrophic, with the average cost of a stolen record \$148, and the total cost incurred from a data breach averaging at \$3.86m - far from small numbers. Despite this, 65% of organizations do not even check employee credentials against common password lists.

FIDO (Fast IDentity Online) consortium (<https://fidoalliance.org/>) is an international alliance working towards an increased secure access to online services and the replacement of password based solutions.



This standard is already endorsed by global leaders in the World Wide Web including Google, Amazon, Facebook, Alibaba, Microsoft, Wordpress, etc. FIDO2 is an evolution of this standard with an increased security.

To learn more about WIS@key and its security solutions, visit [WIS@key.com](http://WIS@key.com).

For more information on Ensurity's Zero Trust solutions, visit [Ensurity.com](http://Ensurity.com).

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#### **About WIS@key**

WIS@key (NASDAQ: WKEY; SIX Swiss Exchange: WIHN) is a leading global cybersecurity company currently deploying large scale digital identity ecosystems for people and objects using Blockchain, AI and IoT respecting the Human as the Fulcrum of the Internet. WIS@key microprocessors secure the pervasive computing shaping today's Internet of Everything. WIS@key IoT has an install base of over 1.5 billion microchips in virtually all IoT sectors (connected cars, smart cities, drones, agricultural sensors, anti-counterfeiting, smart lighting, servers, computers, mobile phones, crypto tokens etc.). WIS@key is uniquely positioned to be at the edge of IoT as our semiconductors produce a huge amount of Big Data that, when analyzed with Artificial Intelligence (AI), can help industrial applications to predict the failure of their equipment before it happens.

Our technology is Trusted by the OISTE/WIS@key's Swiss based cryptographic Root of Trust ("RoT") provides secure authentication and identification, in both physical and virtual environments, for the Internet of Things, Blockchain and Artificial Intelligence. The WIS@key RoT serves as a common trust anchor to ensure the integrity of online transactions among objects and between objects and people. For more information, visit [www.wisekey.com](http://www.wisekey.com).

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**About Ensurity Technologies**

Ensurity offers cybersecurity solutions in the areas of identity management to help organizations adopt Zero Trust model. The company counts marquee institutions and enterprises among its clients. Ensurity's innovative security solutions are seeing global acceptance due to growing privacy and cybersecurity concerns.

For more information on Ensurity's Zero Trust solutions, visit [Ensurity.com](https://www.ensurity.com).