

## PRESS RELEASE

### CardLab releases a world's first combined Physical and logical FIDO biometric access solution.

Billions of USD and working hours are lost every year, with numbers rapidly increasing, as employees spend lots of time updating, changing and replaces lost or forgotten passwords and PIN codes. Unfortunately a necessary task as fraudsters become more active and skilled at hacking, card skimming, electronics pickpocketing and identity theft. As we try to make the digital life safer by complex passwords and access procedures we also see a rapid increase in workarounds to help remember/store the passwords you cannot remember and thereby creating new data theft risks. Digital life has become complex and costly in trying to prevent loss of critical company, financial and private data.

CardLab did some years ago take the initiative to make the digital life both easy, secure and cost effective and we are therefore happy today to release a biometric FIDO certified solution that saves companies a lot of time and resources as the CardLab solution being released today replaces the need for passwords for logical access solution but at the same time functions as a physical contactless biometric access card.



This is the first solution that combines logical and physical access in one card solution and thereby fulfils customer request on being able to handle employees in one single system combining asset and IT management. With our FIDO certified biometric card and FIDO certified backend server, this combination is now possible and gives companies and organizations several unique benefits:

- No risk of losing critical biometric data as it is stored offline on the card only
- Significant savings on access management cost (up to 60%)
- Savings with the ability to combine IT management and facility management in one platform
- Increased employee with time saved on continuous password management
- Reduced data breach risk when moving to dynamic passwordless biometric logon.

No more hackable biometric databases, as all biometric data is stored in the card to verify the true cardholder. The card is registered in the backend authentication system, and all data can be tokenized or made as a full cryptogram. This makes card skimming and copying of transactions worthless and eliminates identity theft and unlawful intrusion. The combined solution secures the unique user ID and at the same time full privacy protection; **No other solution** provides the same level of identification speed, convenience, security and hacker protection.

CardLab Access FIDO card supports NFC and Bluetooth Low Energy (BLE) connectivity, ensuring seamless integration with existing IT infrastructure. It is rechargeable via contact or wireless charging, providing long-term usability and cost efficiency for large-scale enterprise deployment. The biometric identity verification is achieved by the in card integrated FPC-1300 series fingerprint sensor and highly secure verification Software delivered by FPC in Sweden.

“We have worked with and listened to the access control industry for a long time and been working on solving their pain points and here does the Access FIDO card represent a major step forward in

enterprise authentication, bringing together convenience, security, and cost-effectiveness in a single solution,” said Frank Sandeløv, CEO of CardLab Innovation ApS. “With the trusted fingerprint technology from FPC at our core, Access FIDO allows organizations to modernize and merge their access and IT systems with minimal integration effort, but huge savings while providing employees with a frictionless and secure experience. It is the first solution that goes beyond a clean technical solution but has as a key consideration also been developed to provide companies with a efficient and cost saving solution”

The release of the full FIDO certified system marks a significant milestone where CardLab now enters a significant ramp up phase to facilitate the rapidly growing demand for such solutions in a world where Cyber warfare has part become a part of our daily life. The solution can be implemented in basically all business areas **providing a significant increase in protection of data and identities.**

### **About CardLab**

CardLab is a leading provider of advanced biometric smart card solutions and tokenized identity platforms, specializing in secure authentication for physical and logical access with passwordless solutions. With our headquarter and R&D in Denmark and manufacturing facilities in Thailand, CardLab develops high-performance, user-friendly biometric smart card products that integrate cutting-edge biometric and encryption technologies, as well as highly secure backend authentication systems for identity token verification. CardLab solutions are designed to meet the highest security standards and evolving security needs of enterprises, governments, and financial institutions worldwide. For more information, visit [www.cardlab.com](http://www.cardlab.com) or email: [info@cardlab.com](mailto:info@cardlab.com)

### **For further information:**

CEO, Frank Sandeløv  
Phone: +45 20 32 66 80.  
[info@cardlab.com](mailto:info@cardlab.com)

CardLab Innovation ApS  
Hoerkaer 20, 2.,  
2730 Herlev, Denmark  
Phone: +45 31 55 49 94