



## PRESS RELEASE

April 9, 2019

**On World IoT Day, we're pleased to announce reaching a significant milestone in the development of ELIoT Pro, bringing next-level protection to your voice-assisted devices, such as Amazon's Alexa.**

We're big believers here in Internet of Things (IoT) technology and the unlimited opportunities it can bring to improve everything from manufacturing to changing how we interact with our cars, homes and even entire cities.

It's already an industry worth \$100s billion and it's predicted to become a trillion-dollar sector within the next five years. But, with the exciting opportunities that the world of IoT offers, it also presents new and challenging cybercrime risks.

That's why at Cyberus Labs, with co-financing support from the European Union, we're developing ELIoT Pro (Easy & Lightweight IoT Protector) – a game-changing end-to-end cybersecurity solution dedicated to all Internet of Things (IoT) networks and devices.

ELIoT Pro eliminates one of the major threats to cybersecurity – the need for passwords between people, machines and devices – to provide complete protection to IoT users, devices and data. By expanding security of Human to Machine (H2M) and Machine to Machine (M2M) authentication and communication with Lightweight Encryption, our end-to-end cybersecurity solution makes IoT networks safer than ever.

On World IoT Day, we're pleased to announce reaching a significant milestone in the development of ELIoT Pro. Within the framework of the Horizon 2020 programme we have integrated ELIoT Pro with Amazon's Alexa, bringing next level protection for the voice-assisted IoT hub.

More than one billion devices across the world provide voice assisted access, but current authentication solutions for such devices lack sufficient security.

Cybercriminals can hack and take control of voice-recognition devices by replicating the users voice through voice-box modelling technology. In addition, voice recognition technology often fails to work correctly when there are noise interferences, creating a false negative result and locking the user out.

ELIoT Pro solves these issues by using noise resilient One Time Password (OTP) audio (but not voice recognition) signalling. This identifies users via their ELIoT Pro cell phone app, eliminating the risks associated with authenticating via voice recognition.

It also allows users to proxy authorization to other users who may want to lawfully access a user's system, such as in a smart home, for example. Alternatives to OTP audio signaling, such as biometrics, are unable to authorization proxying in a shared economy environment, so the ELIoT Pro

technology will become increasingly valuable as the world becomes more connected through IoT advancements.

Today is about celebrating all things IoT – it's such an exciting time to be part of this buoyant community. Our aim is to protect your IoT users, devices and data, so you and your organisation can focus on developing IoT technologies to change the world, without being affected by cybercrime.

We're delighted to announce this key project development of the ELIoT Pro today and we'll be revealing more exciting developments over the coming months!

In the meantime, click [here](#) to find out more about ELIoT Pro or contact us at [office@cyberuslabs.com](mailto:office@cyberuslabs.com) to speak to one of our team.

### ***NOTES TO EDITORS:***

#### **About Cyberus Labs**

Based in Poland, with proven Silicon Valley experience, we're a team of cybersecurity specialists that fully understand the new cyber threats faced by your business or organisation, whatever your size.

From traditional sectors who have fully embraced the digital age like banking and e-commerce to the fast-growing world of IoT, your consumers are under threat from hacking attacks in the form of phishing, identity and data theft, and much more.

Put simply, we eliminate the risk of stolen passwords or credentials for both your users and devices - with our unique password-free authentication using one-time transaction codes. And that makes your users, data and devices more secure than ever before.

#### **About Horizon 2020 SME Instrument**

Horizon 2020 funds high-potential innovation developed by SMEs through the SME instrument. The SME instrument offers Europe's brightest and boldest entrepreneurs the chance to step forward and request funding for breakthrough ideas with the potential to create entirely new markets or revolutionise existing ones.