The Internet of Everything (IoE) demands future Security

Keyword Tags

Security Technologies, internet of everything, Hackers, Digital Security, internet of things, iot security, cyber security, internet of devices, network security, mobile data security, database security, data encryption, it security, internet threats, computer security, internet protection, Innovation, Cloud computing

What is Internet of Everything (IoE)?

We are now in the age of the Internet of Everything!

The network is used for everything from storing an organization's copyrighted data, to storing an individual's financial and health information. The Internet of Everything is creating amazing new opportunities in a world where everything from manufacturing plants to armbands are becoming connected – turning information into actions that create new capabilities, richer experiences, and unprecedented economic opportunity for businesses, individuals, and countries.

Pillars of IoE:

- People – The aim is to connect more people in relevant ways that add value to them.
- Data – The ability to receive and comprehend data to make informed decisions
- Process – The right information to the right person or device.
- Things – Physical devices or infrastructure used for connectivity, also known as the Internet of Things.

Threats to the IoE Security

The evolution of the internet of everything and cloud computing faces big challenges with respect to security. As we get more connected, more data is vulnerable than ever before. There are those that want to take advantage of that vulnerability. Data protection has long been a critical success factor for businesses-we must secure our data.

We can sort potential attacks against the Internet of Things into three primary categories based on the target of the attack:

- attacks against a device,
- attacks against the communication between devices and masters,

- Attacks against the masters.

To protect end users and their connected devices, Manufacturers, service providers, and IoT solution providers need to address all three of these IoT attacks.

Devices everywhere + attackers everywhere = security everywhere

Join Century Longmai in defending digital assets anywhere

The Internet of Things is still a shocking concept to some people, yet others are already speculating that IoT will not only connect things that obviously need a connection, but that IoT will creep into absolutely everything, even unexpected objects. Due to the evolution of the internet of everything and cloud computing, more devices are being connected to the network, the IoT requires security of everything.

[Century Longmai](#) is actively building a portfolio of products to enable future proof security in the Internet of Everything (IoE). As Bluetooth Wireless technology is playing a big role in IoT ecosystem, Century Longmai is both committed to and actively building Innovative digital security hardware solutions based on this wireless technology to support digital security transformation and the development of more secure IoT ecosystem.

The Longmai mToken ecosystem for Mobile-based identity and data management consist of smart card based wireless crypto devices which are independent from PC connections, designed especially for wireless terminals such as mobile smart phones, PCs, embedded platforms to ensure secure network authentication and communication encryption from anywhere, your clients can perform digital operations securely using this product—offers support for both USB and wireless communication BLE type, which makes it fit for use on Windows, Linux, Android, IOS and mobile terminal for PKI application such as email encryption, digital signature, security certificate, VPN, SSL .etc.

Obtain free samples of our innovative products

You can now integrate Longmai's Smart card [Micro SD](#) and [Bluetooth powered wireless tokens](#) in any platform device to transparently and seamlessly secure volumes of sensitive information traversing IoT environment against being be intercepted. The standard based PKI ensures strong encryption for messages and data in storage or in transit against being captured or manipulated.

Speak to Longmai sales representative about our products and services or inquire about becoming a Longmai partner today.

For more information, please visit: http://lm-infosec.com/products/ng-auth

About Century Longmai

Established in 2003, Century Longmai Technology Co., Ltd is one of the most leading digital security device vendors in China with extended experience in developing latest generation of digital security solutions and products for secure information access and transmission. Our product portfolios include USB PKI token, wireless PKI tokens, OTP tokens, smartcard, JAVA cards, software license dongles, Smartcard readers, Electronic document protection (DLP) solutions and OEM services. Proved to be secure and convenient, our solutions and products are dedicated to help customers build safe, efficient and sustainable networks, financial systems and enjoy secure access to data and information everywhere whenever they want; you can work with us to benefit from deployment of standard technology solutions and our industry experience.

Follow us on Social Media!

Century Longmai on Twitter: https://twitter.com/LongmaiInfoSec

Century Longmai on Facebook: https://www.facebook.com/CenturyLongmai

Century Longmai on Google+: https://plus.google.com/+Lm-infosec/posts

Century Longmai on LinkedIn: https://www.linkedin.com/company/century-longmai-technology-co-ltd?

Century Longmai Technology Co., Ltd

3/F, GongKong Building, No.1, WangZhuang Road, Haidian District, Beijing, P.R.China

Postcode: 100083

Tel: (86) 10-62323636 | Fax: (86) 10-62313636

Sales E-mail: info@longmai.net Support E-mail: support@longmai.net

Website: http://lm-infosec.com/