

## PRESS RELEASE

### **Collaborates with Symantec as technology provider for its Security certificate service for IoT**

## TELEFÓNICA AND SYMANTEC PLAN TO JOINTLY OFFER SECURITY SOLUTIONS FOR IOT ENVIRONMENTS

**Madrid, October 31<sup>st</sup>, 2016.** - [ElevenPaths](#), Telefónica Cyber Security Unit, announces it intends to collaborate with Symantec, as a global cybersecurity leader, on integrating Symantec Managed PKI Service in order to protect IoT environments against cyberattacks.

In the Internet of Things millions of different devices are interconnected in an open digital environment and need to communicate securely at all times in order to preserve the trustworthiness of the IoT applications. Identity and Authentication is a cornerstone of building such trust, therefore Telefonica is developing ways to securely and indisputably identify those devices and secure the data transmitted among them.

That is, as in the physical world our ID card or passport identify us as people, in the context of the IoT Telefónica is in the process of developing its Trusted Public Key Infrastructure service, and will be relying on best- in-class Symantec Managed PKI Certificate Technology to ensure that the connected devices are exactly what they claim to be and that code running on IoT devices is authorized.

The high-volume, high-performance managed certificate service Symantec offers will allow Telefónica to embed certificates on hardware or issue them in real time as required for their specific use case. These code signing certificates and cloud based signing-as-a-service will be part of Telefonica's comprehensive offer for IoT environment.

With the new technology incorporated by Telefónica companies that require large-scale IoT deployments will be able to manage certificates' lifecycle for auto enrollment, renew and revoke the certificates to secure the communication and provide mutual identification, encrypt communications end-to-end and guarantee the integrity and traceability of the transactions.

Trusted Public Key infrastructure service is integrated with other security and IoT managed connecting as smart M2M and is part of [IoT Security](#) solutions currently on offer by Telefónica: such [CyberThreats](#), capable of detecting and identifying the modus operandi of the cybercriminals and the methods used in attacks against IoT infrastructure; and [Faast IoT](#) technology specialised in detecting and analyzing vulnerabilities in IoT ecosystems.

Telefónica and Symantec intend their future collaboration to deliver on 4 key cornerstones that are drivers for the IoT and its security: the protection of communications, securing the identity and authentication of the IoT devices, the protection of devices themselves, including host-based protection and reputation based security, the management of the devices including OTA management, and the understanding of the IoT environment, through security analytics helping flag any anomaly.

## About Telefónica

Telefónica is one of the world's largest telecommunications companies when it comes to stock market capitalisation and customer numbers. The company relies on a full range of products and services and quality connectivity provided through the very finest fixed, mobile and broadband networks. It is a growing company that offers an unrivalled experience, based on the company's own values and on a pro-customer stance intended to protect their interests.

Telefónica is present in 21 countries and has a customer base of over 327 million accesses. The company has a particularly strong presence in Spain, Europe and Latin America, where it focuses most of its growth strategy.

Telefónica is a completely private company with over 1.5 million direct shareholders. Its share capital is currently divided into 4,975,199,197 common stock, which are quoted on the continuous market of the Spanish stock exchanges and also on the London, New York, Lima and Buenos Aires exchanges.

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## About ElevenPaths

We at ElevenPaths believe in the idea of challenging the current state of the security sector, because technology needs this pressure in order to evolve. We continually rethink the relationship between security and people with the aim of creating innovative products that are capable of transforming the concept of security, so we are always one step ahead of our attackers, who are an increasing threat in our digital life.

More information:

[www.elevenpaths.com](http://www.elevenpaths.com)

[@ElevenPaths](https://twitter.com/ElevenPaths)

[blog.elevenpaths.com](http://blog.elevenpaths.com)

## About Symantec + Blue Coat

Blue Coat was acquired by Symantec in June 2016. Symantec Corporation (NASDAQ: SYMC) is the global leader in cyber security. Operating one of the world's largest cyber intelligence networks, we see more threats, and protect more customers from the next generation of attacks. We help companies, governments and individuals secure their most important data wherever it lives.

More information:

[www.symantec.com](http://www.symantec.com)