



Implementing security has never been easier

Infiniteon Security Partner Network

www.infineon.com/ISPN



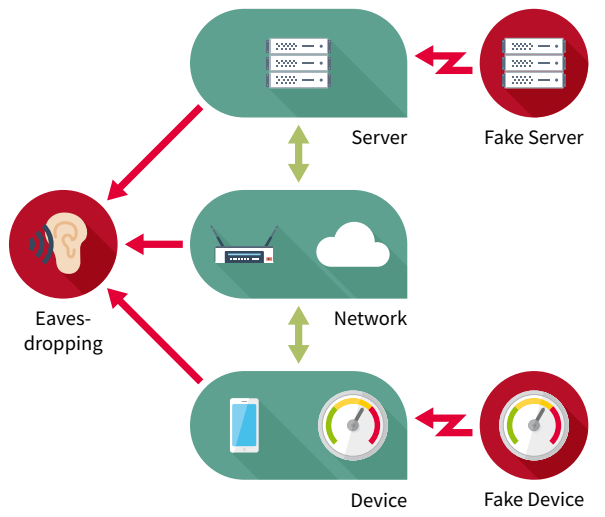


Growing IoT attack surface

In today's digital world, more and more 'things' are being connected to the Internet every day, paving the way for huge efficiency gains in our private and business lives. Smart homes, factories, cities, vehicles and devices are also creating exciting opportunities for new business and service models. But network and device vulnerabilities in a connected world also present opportunities for cybercrime. As the IoT expands, so too does its attack surface.

According to security experts, our dependence on Internet-connected technology is outpacing our ability to secure our networks and devices. Keeping up is particularly challenging for companies that did not traditionally specialize in security technologies. Many of these companies now find themselves struggling to secure sensitive data, intellectual property (IP) and even business continuity.

This is not a one-size-fits-all scenario. Needs vary dramatically from one company to another, depending on the business model and application in question, as well as on the assets that need to be protected.



The right security – built on proven partnerships

The growing threats to data, device and network integrity and even to IP, business models and business continuity have moved the need for security capabilities center stage. Security is no longer an afterthought – it must be built into the system architecture from the ground up. Equally important is the need to tailor security investments to the value of the assets that require protecting rather than overshooting or undershooting the mark. Last but not least, security solutions must be built on standards to enable scalability, adaptability and interoperability.

Partnering with an experienced, trusted security expert from the get-go is the most reliable way for companies of all sizes – from start-ups to established giants – to meet all three success factors. At Infineon, we believe that the best route to the right level of security lies in the power of partnership and synergized expertise. That is why we created

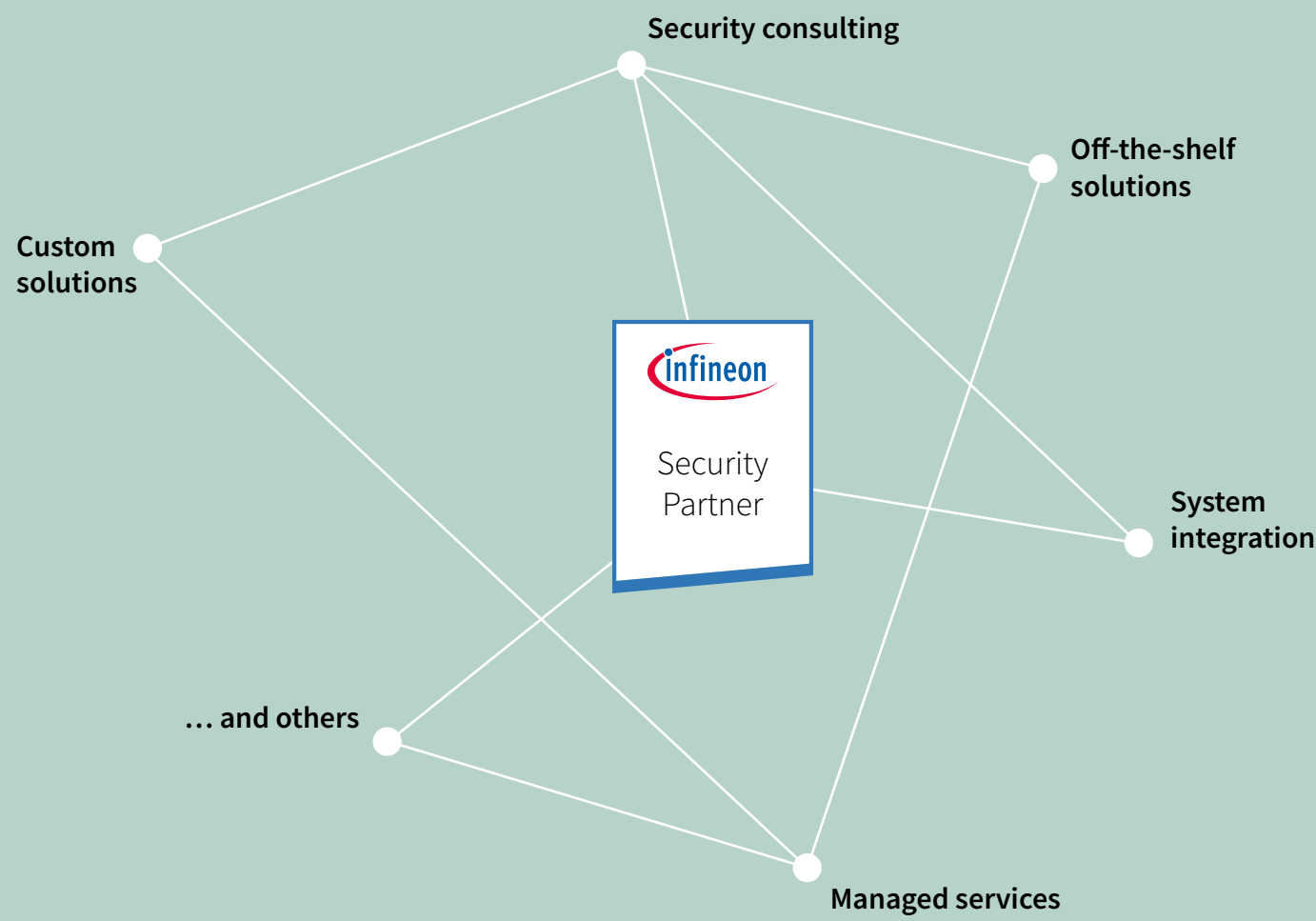
the Infineon Security Partner Network (ISPN). The ISPN acts as a hub for security players with proven track records, bringing them together to deliver end-to-end security solutions to providers of connected devices and applications. These experienced players build tried-and-tested hardware-based security technologies from Infineon into connected devices or IoT applications that extend along the full value chain.

The aim of ISPN is to reduce the complexity of building security into IoT devices through end-to-end, easy-to-implement, transparent and fit-for-purpose solution blueprints. It thus reflects our vision of enabling sustainable success in the IoT by partnering with leading players to push innovation further and make life easier, safer and greener.

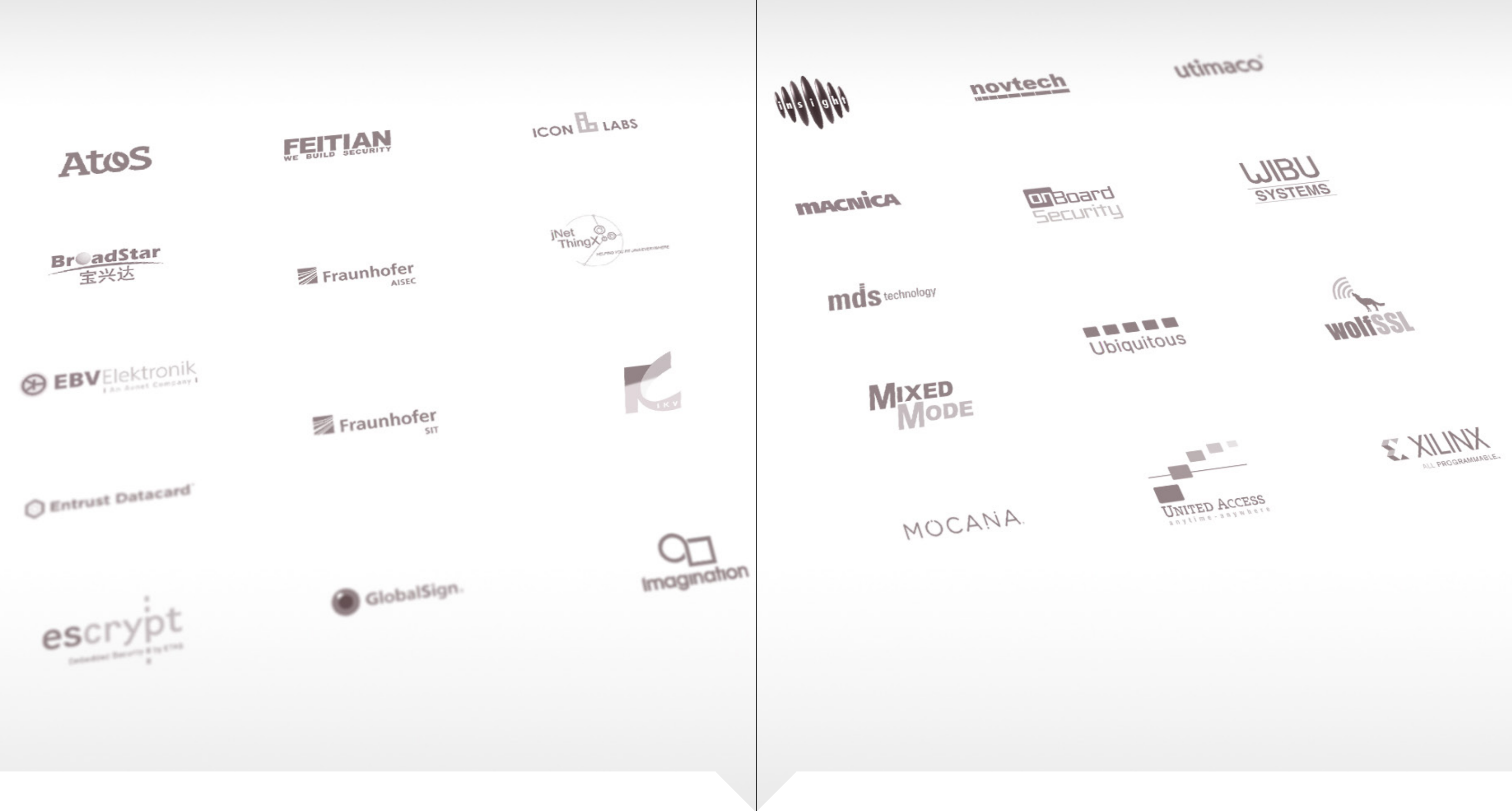
Serving companies of all sizes and from all industries

If you are a device manufacturer or application service provider looking to secure your business or service model and capitalize on the revenue opportunities offered by the IoT, ISPN is the place for you. Regardless of your industry and size, you can look forward to the following benefits with ISPN:

- › Transparent understanding of security scenarios and risks – with concrete examples
- › Extensive security and infrastructure know-how so you don't have to invest as much in security capabilities
- › One-click contact with trustworthy partners with proven industry experience
- › Instant access to needs-driven industry solutions to secure your devices and applications efficiently and quickly
- › Robust security solution implementation built on state-of-the-art hardware-based security technologies from Infineon



*Information and communication technology (ICT)



Infineon's preferred security partners

Find our security partners and their use cases here

Intuitive, convenient customer experience

In five simple steps

With ISPN, you can simply select the use case that matches your needs from the existing portfolio. The use case that you select illustrates and quantifies the value that an investment in security technology will bring to your business. You can then contact the partner in question and fast-track their security solution.

- Scan the use cases
- Identify the case and features you need
- Contact the partner
- Find out about complementary services offered
- Off you go!

Partner categories

Rounding out our pool of associated partners, we also have a number of preferred partners who bring additional system security excellence to the table.

Complementary preferred partner services :

- Security consulting – helping you scope the threats that could undermine your business
- Development of a solution proposal to protect your business
- Building and implementation of the security solution – electronic design included
- Systems integration
- Trust services management

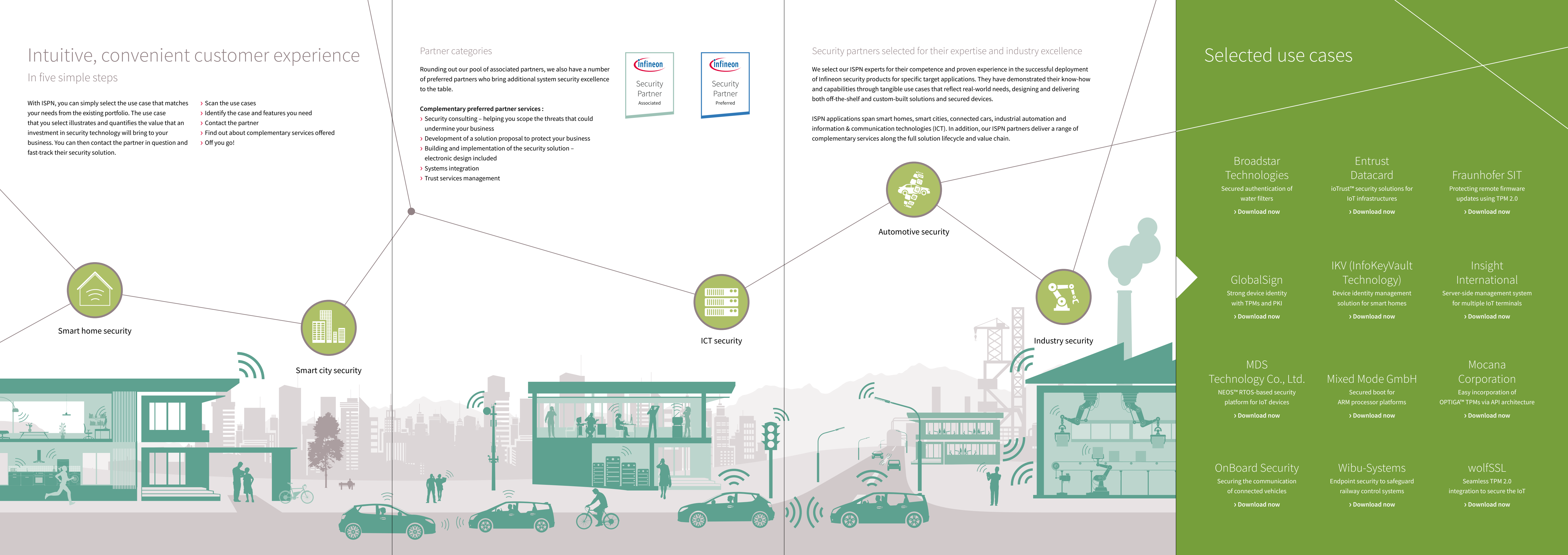


Security partners selected for their expertise and industry excellence

We select our ISPN experts for their competence and proven experience in the successful deployment of Infineon security products for specific target applications. They have demonstrated their know-how and capabilities through tangible use cases that reflect real-world needs, designing and delivering both off-the-shelf and custom-built solutions and secured devices.

ISPN applications span smart homes, smart cities, connected cars, industrial automation and information & communication technologies (ICT). In addition, our ISPN partners deliver a range of complementary services along the full solution lifecycle and value chain.

Selected use cases



Smart home security

Smart city security

ICT security

Automotive security

Industry security

Broadstar Technologies

Secured authentication of water filters

➤ [Download now](#)

Entrust Datacard

ioTrust™ security solutions for IoT infrastructures

➤ [Download now](#)

Fraunhofer SIT

Protecting remote firmware updates using TPM 2.0

➤ [Download now](#)

GlobalSign

Strong device identity with TPMs and PKI

➤ [Download now](#)

IKV (InfoKeyVault Technology)

Device identity management solution for smart homes

➤ [Download now](#)

Insight International

Server-side management system for multiple IoT terminals

➤ [Download now](#)

MDS Technology Co., Ltd.

NEOS™ RTOS-based security platform for IoT devices

➤ [Download now](#)

Mixed Mode GmbH

Secured boot for ARM processor platforms

➤ [Download now](#)

Mocana Corporation

Easy incorporation of OPTIGA™ TPMs via API architecture

➤ [Download now](#)

OnBoard Security

Securing the communication of connected vehicles

➤ [Download now](#)

Wibu-Systems

Endpoint security to safeguard railway control systems

➤ [Download now](#)

wolfSSL

Seamless TPM 2.0 integration to secure the IoT

➤ [Download now](#)

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Published by
Infineon Technologies AG

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Order number: B189-I0198-V3-7600-EU-EC-P
Date: 03 / 2018



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