

MOBILE SECURITY

A look at the needs of today's connected life

RISE IN SMARTPHONE USE:

The average amount of daily time spent on mobile devices has already exceeded that of PCs and laptops.



Source: eMarketer

HUGE SMARTPHONE GROWTH:

By the end of 2016 there will be **1,500,000,000** smartphones.

Source: Strategy analytics

INCREASING RELIANCE:

Mobile devices are used for financial transactions.

> 50% of e-commerce traffic is initiated using a mobile device.



Source: ecommerce week

Sensitive data is at risk

FINANCIAL MALWARE



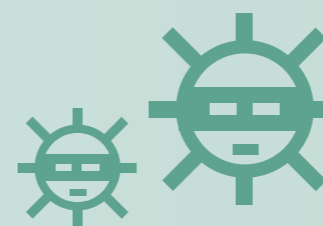
Many different software packages attempt to steal or manipulate payment credentials, e.g. with phishing or man-in-the-middle attacks

RANSOMWARE



Ransomware automatically encrypts important user data. In order to get the decryption key, users have to pay a ransom

SPYWARE



Spyware logs user information such as keyboard strokes, screen content and mail content and sends it to the spy

MALICIOUS APPS



Generally any software that causes malfunctions by exploiting security flaw

The threat is real

More than **75%** of mobile applications **FAIL** basic security tests.

Source: Gartner

8 out of 10 devices tested raised privacy concerns regarding the collection of consumer data.

Source: New Jersey Institute of Technology

1M new instances of malware are created every day. This translates into new threats to your most sensitive data every day.

Source: Symantec

We need to secure our data and devices

CHALLENGES TO MEET CURRENT REQUIREMENTS:

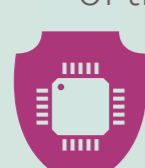
- Secure data and key storage
- Authenticate users and devices
- Protect platform integrity of mobile devices

BECAUSE: USER TRUST IS THE KEY TO UNLOCKING NEW BUSINESS MODELS AND SERVICES

Infineon is your trusted partner for Mobile Security

INFINEON'S EMBEDDED SECURE ELEMENT (eSE):

Customers can trust in the protection of their sensitive data enabled by Infineon's embedded Secure Element (eSE)



INFINEON'S SECURITY EXPERTISE:



Key players in the industry already rely on Infineon's security solutions based on almost 30 years of security experience

INFINEON'S SECURITY SERVICES:

As part of its solution offering, Infineon delivers a complementary range of dedicated services.



Talk to us now