

# Mobile Trust Telecommunications AG (MTT AG)

Presents

## STEALTHPHONE Information Security System



**Barack Obama**

(President of the United States)

*“America’s economic prosperity in the 21<sup>st</sup> century will depend on cyber security.”*



**Benjamin Netanyahu**

*(Israeli Prime-minister meets Japanese dignitaries)*

*“There are great possibilities for bilateral cooperation between the two countries in all spheres, but if I had to choose only one I would say it is cyber security.”*



**Yasuhide Nakayama**

(Japanese State Minister for Foreign Affairs)

*“Only trade in high-tech sphere can bring income to the budget compared with oil or gas export.”*

**Leaders of the most technologically advanced countries consider information security technologies to be a prime task in the XXI century**

MTT AG Company provides a unique and absolute hardware cryptographic security of information in mobile phones and computers:

- Voice
- Conference Calls
- Chat
- Data
- Files
- Audio
- Images

MTT AG Company ensures mobile phone and computer information security in the following channels:

- GSM
- Satellite
- Internet
- Skype
- Viber

Number of mobile phones in use in 2015:

**6 000 000 000**

In 2020 this number will be about

**20 000 000 000**

**All these devices have  
low information security level  
and can be easily hacked**

"Mobile phones are not secure.  
Repeat after me –  
mobile phones are not secure."



**Gus Hunt**  
CIA Chief Technology Officer, 2013



**EUGENE KASPERSKY**  
CEO OF KASPERSKY LAB

According "Kaspersky Lab" experts, "remote access" to users' phones has increased by 2.5 times in 2015.

Hackers manage to make phone microphones work on their own and record users' conversations. Theft and forgery of mobile phone information has increased by 7 times in 2015, thus hackers have earned several hundred million dollars.

### ***Types of information that can be stolen by hackers from mobile phones:***

- Credit card PIN-codes (Visa, MasterCard);
- Passwords for emails, servers and social networks;
- Numeric passwords for safes;
- Bank account numbers and money amount in it;
- Financial operations (accounting). Creditors, debtors.

According to  Symantec<sup>™</sup>  
in 2014 hackers earned

**\$ 400 000 000 000**

Hackers generate such an impressive profit with access to mobile phones of financial experts, bankers, system administrators, and other persons using their phones and smartphones to store and exchange confidential.



According to **Gartner**

hackers are capable to brute force

**56 000 000 000**  
**Passwords / sec**

using modern computers with super  
powerful graphic processors



GOOGLE RECOMMENDS USERS  
NOT TO STORE CREDIT CARD PIN-CODES IN THEIR MOBILE PHONES



*«Age of software security is over.»*

**But 99% of manufacturers still secure information in mobile phones only with software solutions.**



**LARRY PAGE**  
CEO GOOGLE



*«It is necessary to invest in modern high technologies in order to overcome the economic crisis, when economy is in recession and there is a collapse in oil prices.»*

**ERIC MASKIN**  
NOBEL PRIZE WINNER  
IN ECONOMIC SCIENCES

## Can you make a tank out of a private car?

Everyone understands that you cannot.

However, 95% information security companies turn any simple mobile phone into a "super-strong cypher".

Experts do know it is impossible as well.

One needs to develop a cipher specifically to secure mobile communications.

This will cost a fortune.

The real cost of the cyphers exceeds \$10,000 (Boeing, Raytheon).

MTT AG Company has found a breakthrough solution. It has developed a cipher to secure voice and SMS that pairs with a mobile phone over Bluetooth.

The mobile phone is used only to transfer encrypted messages.

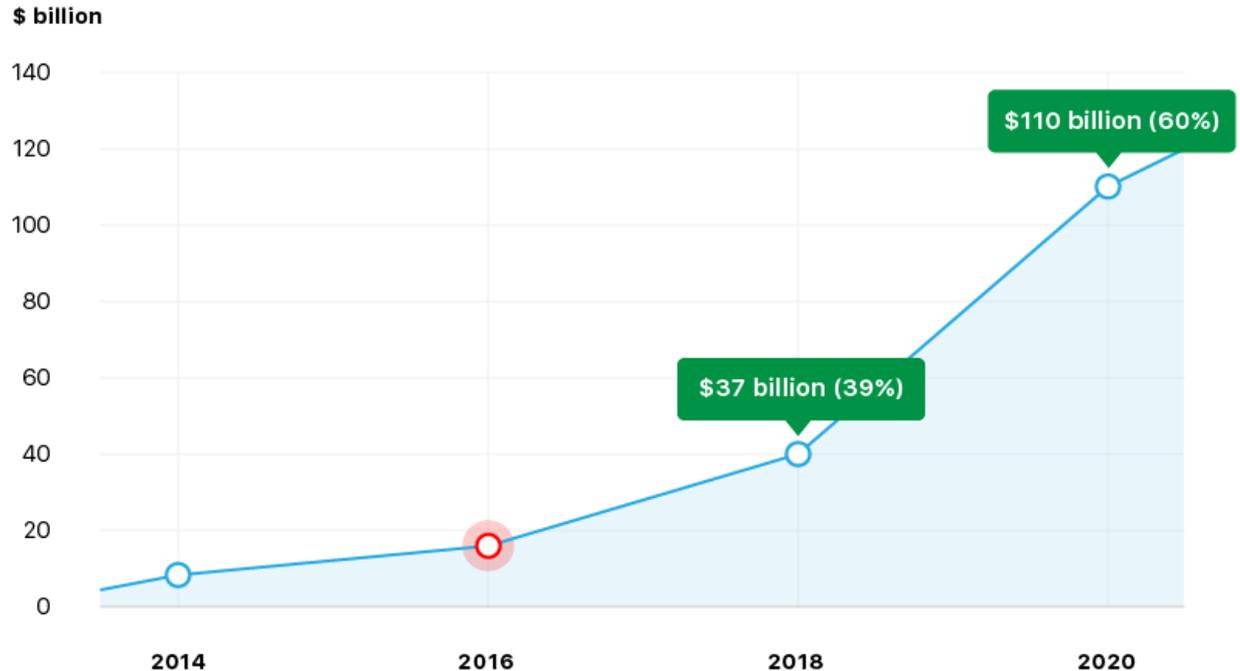
This approach enables to ensure great encryption strength while drastically cutting down the encryption system cost.

In 2014 companies spent only 5% of total expenses on mobile phone information security. **Gartner** forecasts that information security expenses will reach 39% - \$37 billion - by 2018 and 60% - \$110 billion - by 2020.

## Expenses for mobile phone information security



80% of Internet connections will be executed over mobile phones by 2016. Data thefts from mobile phones are expected to become massive.



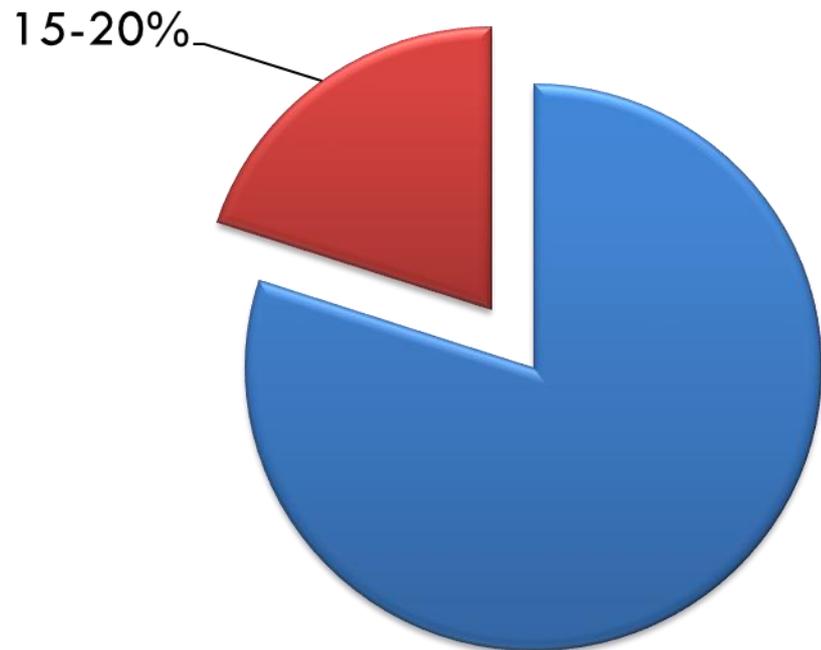
Currently 99% of companies produce software-only mobile phone information security solutions.  
 Price ranges from \$200 to \$500.

The following companies offer hardware mobile phone information security systems in the market:

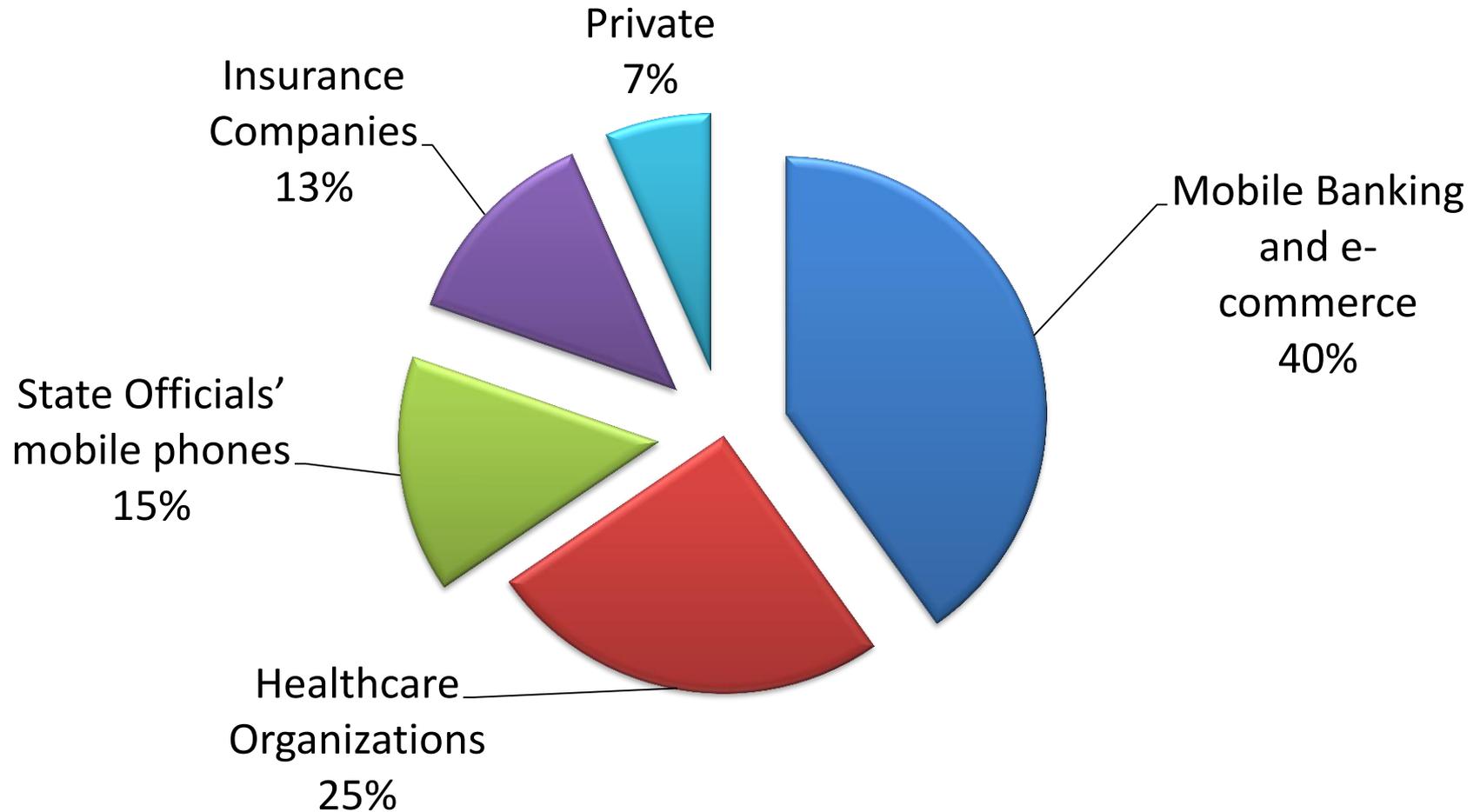
No	Company name	Device price
1	MTT AG	\$2 000
2	Rohde & Schwarz	\$3 300
3	Boeing	\$15 000
4	Raytheon	\$20 000

According to Gartner, information security market share of e-commerce, mobile banking, government organizations, healthcare and insurance companies and private users is estimated at **\$ 110 billion by 2020**

In 3-5 years a unique technology designed by MTT AG may enable the company to occupy 15-20% of mobile security market equivalent to \$16-22 billion.



## MTT AG Clients



- Encryption and Decryption
- Symmetric-Key Encryption Algorithms
- Asymmetric Encryption Algorithms or Public Key Algorithms
- Authentication, Integrity and Non-Repudiation
- Weak Authentication of Parties (Passwords)
- Strong Authentication of Parties (Request –Response Schemes)
- Zero Knowledge Protocols
- Hash Function and Data Integrity
- Digital Signature
- Steganography
- Hardware-Software Key Generation
- TEMPEST-compliant device production

- ❑ The Stealthphone project - Information Security System - has already received \$30,000,000 of investments.
- ❑ We have been running the project for 6 years already.
- ❑ Project engages 800+ experts including highly qualified scientists, engineers, and technical professionals.

- Investment types:
  - Interest bearing loan (under the warranty of MTT AG shares)
  - Profit-sharing loan;
  - Equity financing (selling MTT AG shares at \$1 million per 1% of shares);
  - Maximum sale of 49% of shares.
- 100% of **MTT AG** shares are estimated at \$100 million;
- Return of Investment term \* is 2 years;
- ROI - 209%.

\* BASED ON 15% EQUITY PARTICIPATION

- ❑ STEALTHPHONE hardware encryption device is designed according to TEMPEST standard. Besides a unique native operating system using low level programming languages has been developed.
- ❑ 23 cryptographic products have been currently developed, including a unique international level Voice over GSM technology – voice transmission secured by strong encryption.
- ❑ Launch of software and hardware crypto product sales and Data Center in Switzerland in 2-3 months from the investment date.

## MTT AG Company products features surpass:

- ❑ Skype, Viber, and WhatsApp internet messengers;
- ❑ Rohde & Schwarz, Omnisec, Crypto AG, Thales, GSMK hardware ciphers;
- ❑ Symantec Drive Encryption, McAfee Endpoint Encryption, TrueCrypt information cryptographic security on PCs and external media;
- ❑ McAfee SaaS Email Encryption, Symantec Encryption, Jetico BestCrypt email encryption.



## STEALTHPHONE HARD

**Data safe (It has no analogues around the world)**

Double encryption of user's information with super strong encryption algorithms guarantees security of classified information:

- ✓ Credit card PIN-codes
- ✓ Logins and passwords (Email, social networks, etc.)
- ✓ Bank details, accounts, addresses
- ✓ Accounting reports
- ✓ Creditors and debtors (financial information)
- ✓ VIP contacts

❖ In case of loss or theft information stored in STEALTHPHONE HARD cannot be broken for one hundred years.

❖ Backup. Recovery of data, encrypted with users' keys, from MTT cloud storage.

- ❑ MTT AG Company has supplied encryptors to 64 countries worldwide.
- ❑ MTT AG Company has reliable and verified sales channels that we have built up over the years of trust and partnership large state organizations and commercial companies worldwide. Not a single encryptor has been deciphered. This makes MTT AG customers show great trust in us.
- ❑ The MTT AG Company encryption algorithms are certified by independent organizations of Sweden, Germany, Republic of South Africa and has proved to be indecipherable.

**Therefore, MTT AG Company has no barriers to market.**

# DEVELOPMENT STRATEGY

IN 2 YEARS	IN 3 YEARS
<p>Generate \$190 million annual profit</p>	<p>Become TOP-3 company in the field of information security of mobile phone, computer, and Internet network information security</p>

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