

The Market of Cybersecurity in Europe: “ Challenges and Opportunity”



Social Envoirement The Market

The cyber security market is estimated to grow to \$170 billion (USD) by 2020, at a Compound Annual Growth Rate (CAGR) of 9.8 percent from 2015 to 2020, according to a report from Markets and Markets. The aerospace, defense, and intelligence vertical continues to be the largest contributor to cybersecurity solutions. North America and Europe are the leading cybersecurity revenue contributors, according to a report from TechSci Research. Asia-Pacific is rapidly emerging as a potential market for cyber security solution providers, driven by emerging economies such as China, India and South-East Asian countries, wherein, rising cyber espionage by foreign countries is inducing the need for safeguarding cyber space. The Europe Cyber Security Market is expected to grow to \$35.53 billion by 2019, with an expected CAGR of 7.2 percent for the period 2014-2019. This market contributes 26.95 percent of the global market and will slightly fall down to 22.81 percent by 2019.

Government

Government are without any doubt, the first stakeholder of the cybersecurity topic, they have to protect also public infrastructure and face geopolitical risk linked with the “offensive side” of the cybersecurity.

Corporate

Corporate mainly task is to adopt any countermeasure available to avoid data loss, data loss and service interruption are the biggest threat to corporate, especially in fields such as Aerospace, Defense and Finance

Private

Private are mainly focused on end-point security, many research show that people tend to protect in a better way the private “cyberspace” than the corporate ones, so it's a really fluid and responsive market, but with huge costs to setup.

Best Market Topics

Pentest

- Zero Knowledge
- Partial Knowledge
- Full Knowledge
- Overt
- Covert

Reporting

- Risk Ranking
- Security Risk Origin
- Risk/Exposure Report

Best of Bread logic

- Corporate size security design
- Budget Analysis
- Best Vendor Enlisting

Identity Access Management

- Continuous Verification
- Document Access Log
- Account level privileges management

Cloud Security

- Virtualization Security
- Elastic Cloud Security
- Web Application Security
- IDS/IPS Shield for vulnerabilities

Data Loss

Prevention (DLS)

- Endpoint monitoring
- Data flow monitoring
- Intra/extra network data package monitoring
- FDE Monitoring

Mobile Device

Security (MDS)

- Custom security ROM
- Custom Backdoor replacement
- BYOD Best Practice Implementation
- Mobile endpoint security

Cyber

Forensics and Analysis

- CCFP compliance.
- 0 Day vulnerability Exploitation.
- Global security Risk enlist.

Defensive programming

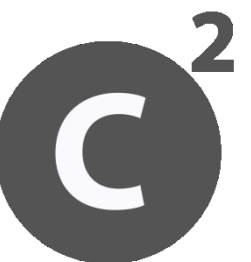
- Defensive design.
- Security Bug Discover.
- Secure Input and output handling
- Design by code.

Defense Cyber Security

- Military Level Pentest
- Virtual & Logical surveillance

Corporate Security

- Corporate network 24H Watchguard.
- Corporate Document tracking.
- Corporate physical behaviour tracking



The Requirements you NEED to have



- You need to have a custom approach to Cybersecurity.
- Continuous Hw Update and constant presence on sector conferences
- Be your customer's watchguard
- You NEED to invest in R/D to have everytime ad updated services offer
- You have to love the open-source community and give back.
- You have to test your infrastructure first
- Be honest with your customers , you will NOT build the perfect wall.

Globaly Operative



Qualities



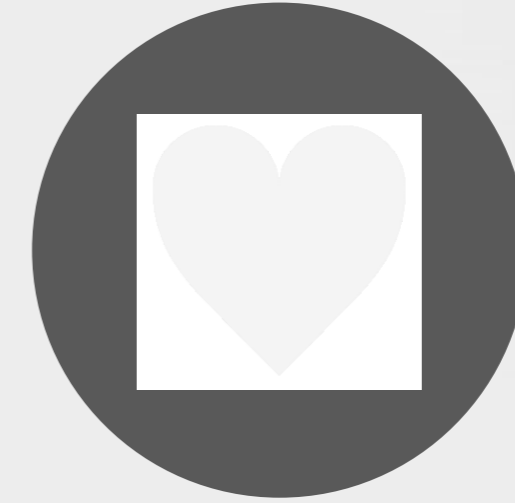
Be Fast

Cybersecurity response time must be really short, in case of security breach, time is essential.



Be Smart

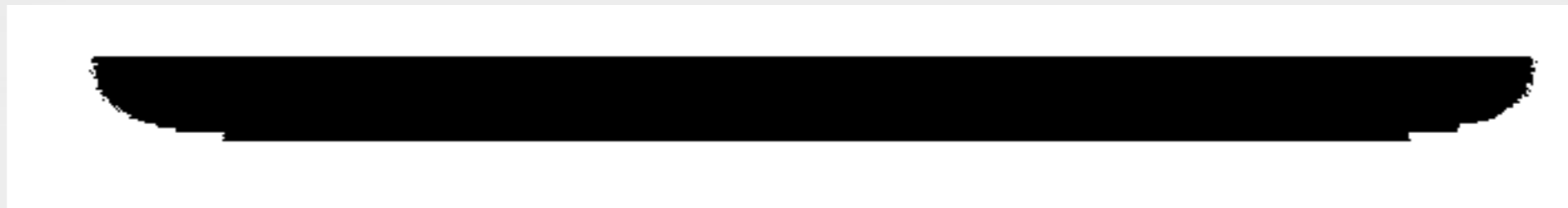
Its is important to offer only smart solutions, smart solutions brings smart budget.



Be Passionate

Be passionate to the topic, you got to be part of the underground community to hire the best peapole.

Requirement



Choose the best

Always choose the best vendor and the best professionalities in the sector.



Reporting

It's important to report on every action taken, by doing so you will build an extensive repo wiki that will speed up your next operations.



Private Approach

Never disclose your customer for "marketing" proposal.



Professional Approach

It's important to gain professional reputation, sometimes cybersec company are viewed as "grey" entities

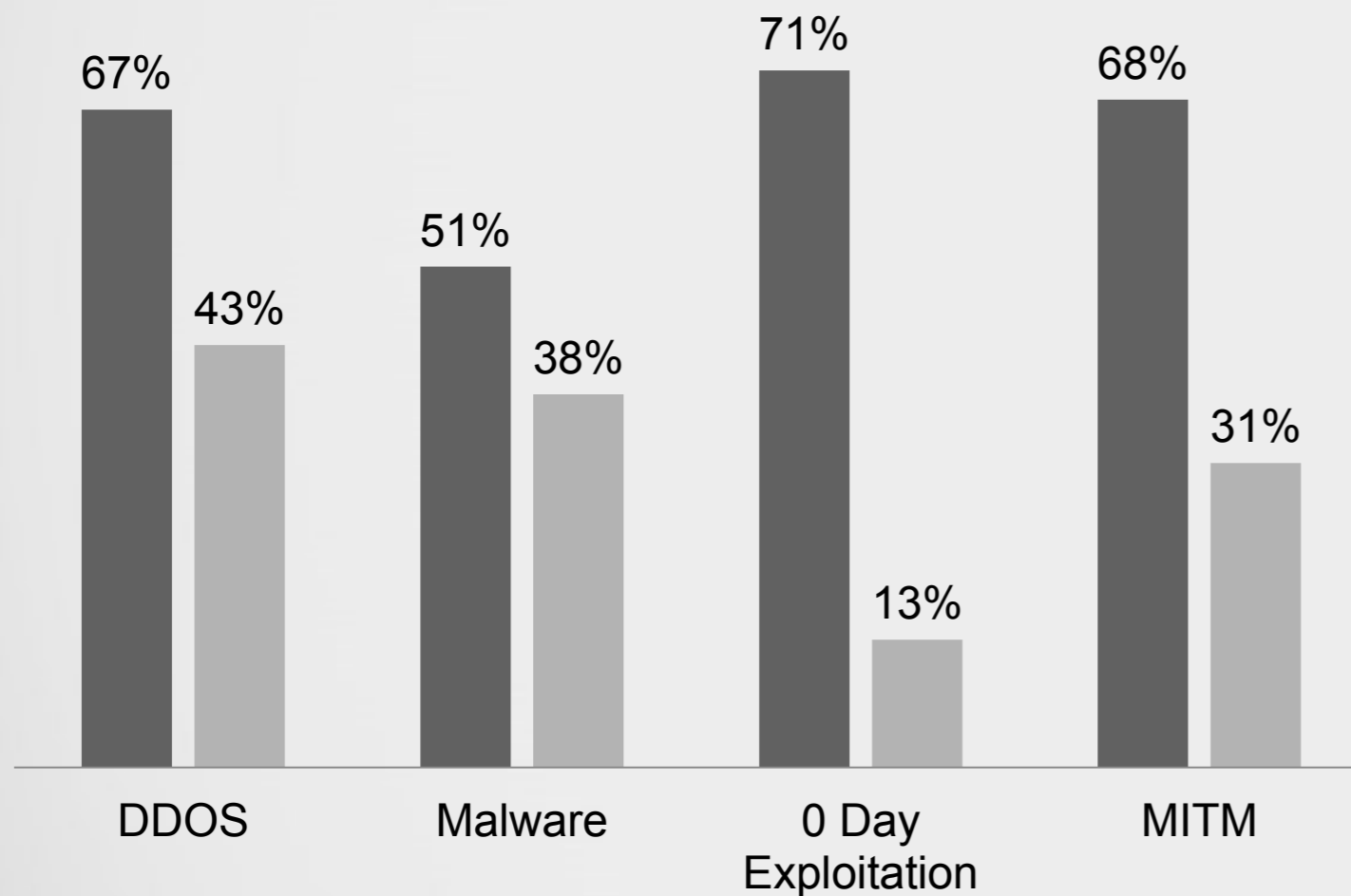
Case Study 1

Cybersicurezza personalizzata VS Cybersicurezza "out of the box"



Vulnerability Assessment

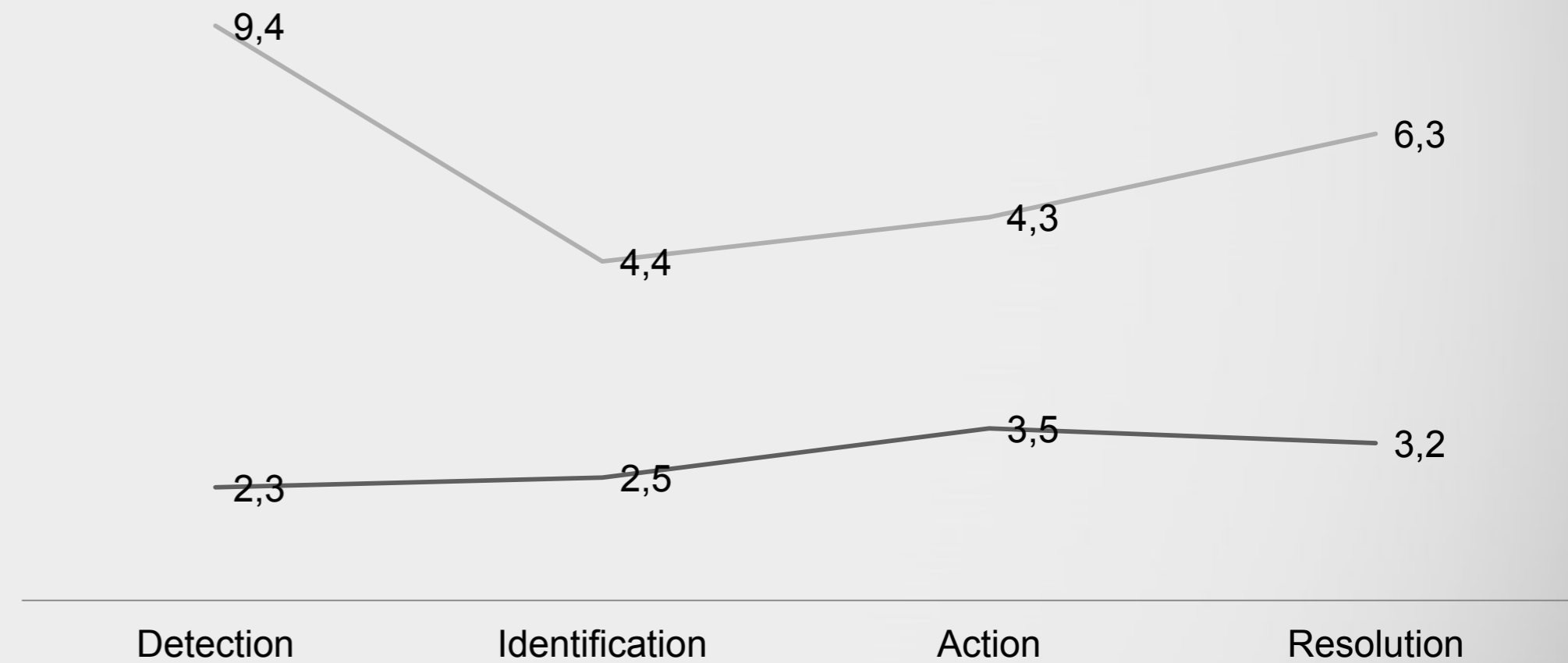
■ Cybersicurezza Personalizzata ■ "Out of the box"



Contrast percentage based on 100 Attacks*

Response time

— Cybersicurezza personalizzata — "Out of the box"



Response times in minutes*

*Source **Gartner**



Data Loss Prevention



Custom CyberSecurity Solutions

“Out of the box”



■ Common File ■ Internal ■ Reserved

Data Loss percentage by Type of Data



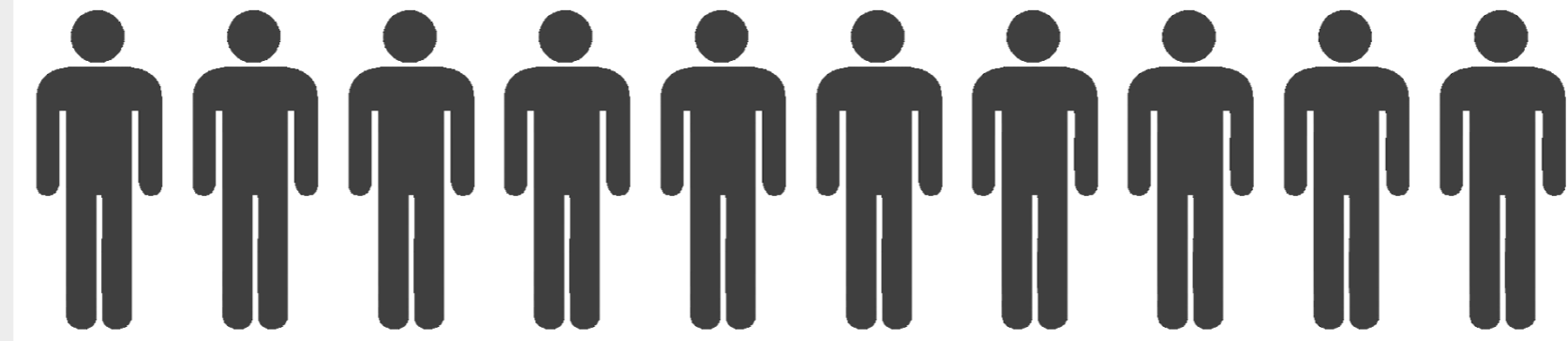
■ Common File ■ Internal ■ Reserved

Data Loss percentage by Type of Data

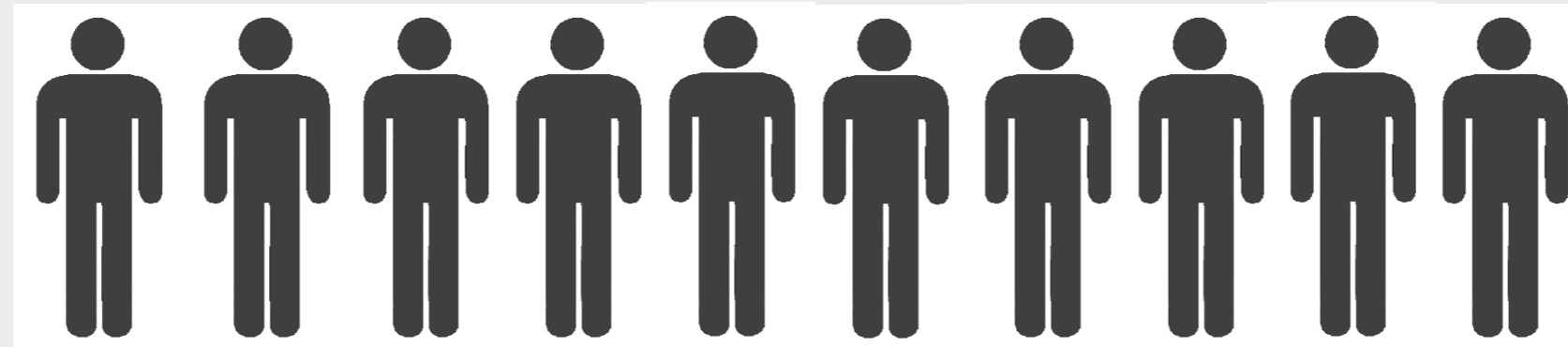
*Source [Gartner](#)



“The Cost Saving” Approach.



Human Resources “inside” needed to guarantee an acceptable level of security



Risorse umane “Security” necessarie per garantire un elevato grado di sicurezza con approccio personalizzato e security out-sourcing*

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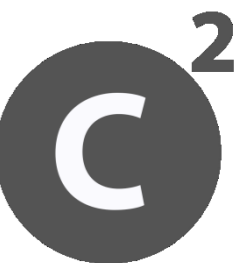
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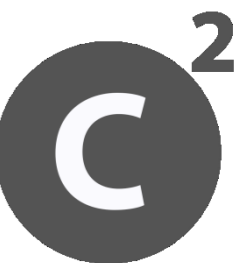
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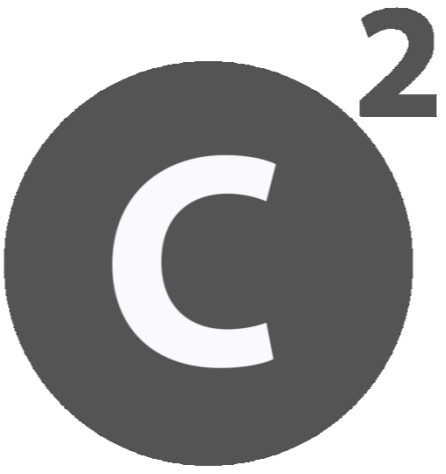




“To competently perform rectifying security service, two critical incident response elements are necessary: information and organization.”

- Robert E.Davis





I thank you!

