

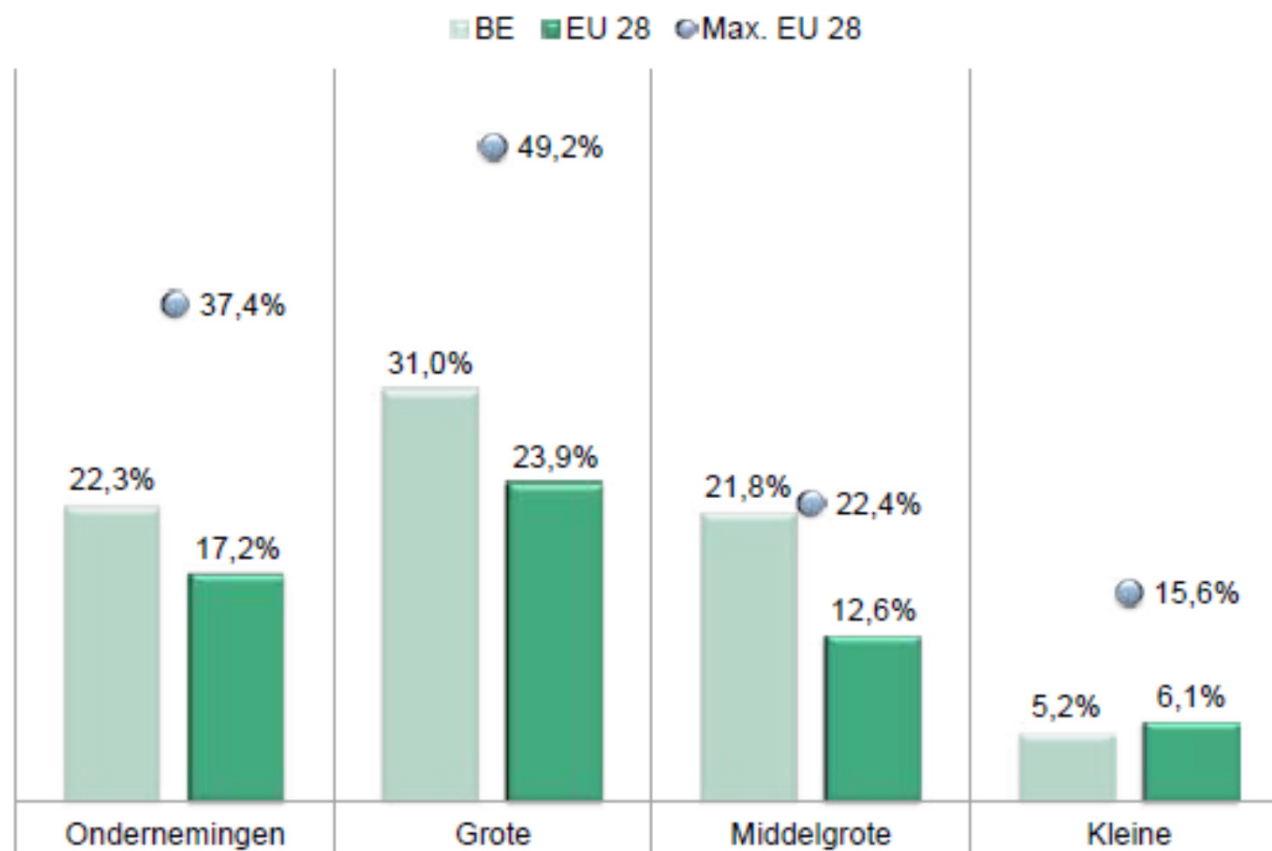


ISMS4SME

KURT CALLEWAERT HOWEST – GGV 29/09

howest.be

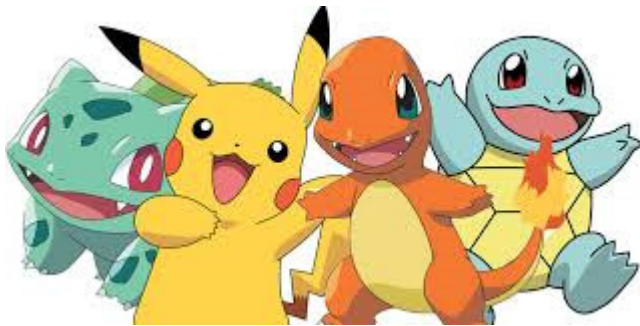
Grafiek 2.1. Aandeel van de totale ondernemingsomzet, gerealiseerd door e-commerce



Bron: Enquête 'Gebruik van ICT en e-commerce bij ondernemingen' (2015), FOD Economie - AD Statistiek - Statistics Belgium, Eurostat.

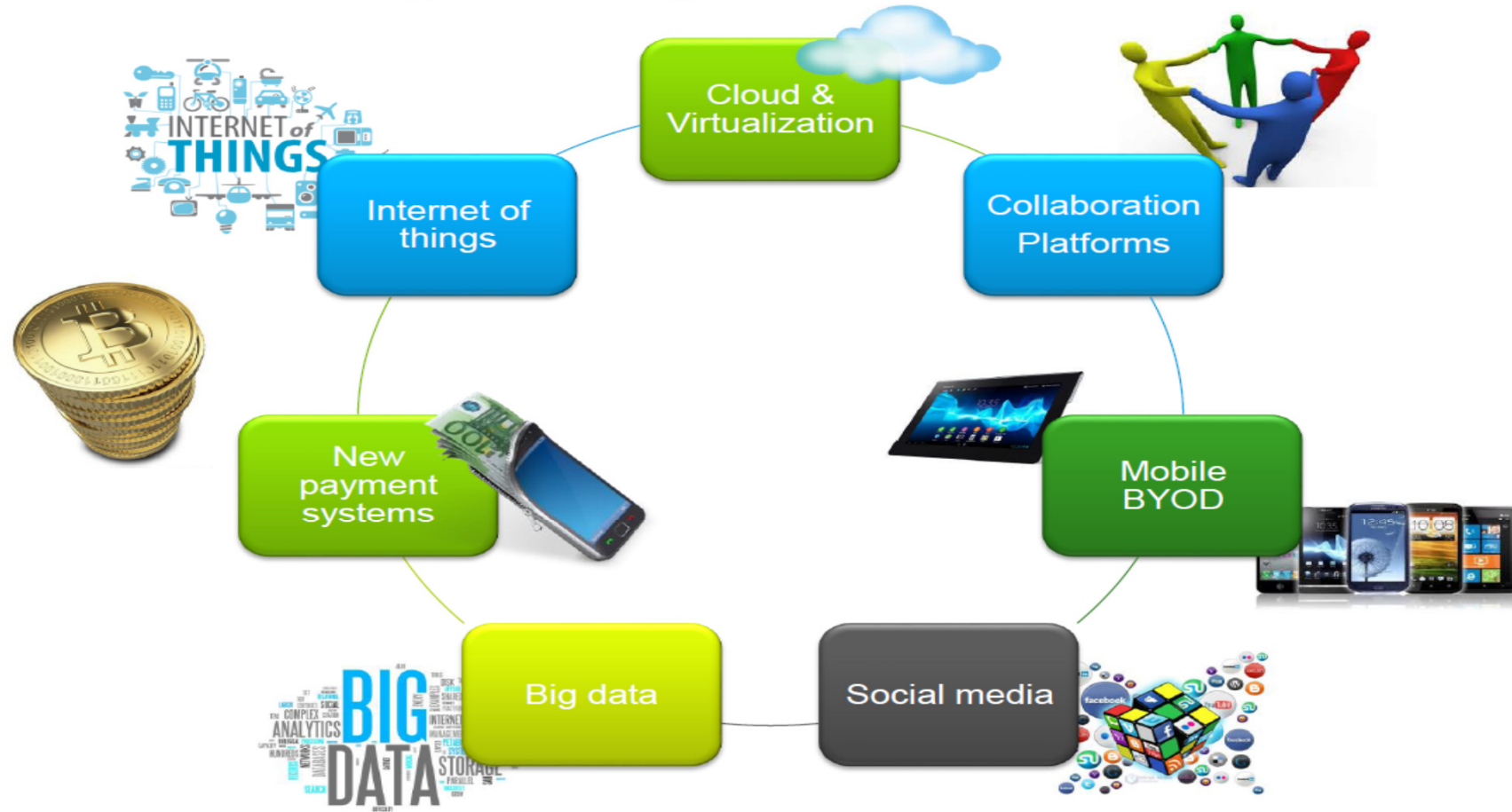
Het aandeel van de e-commerce in de totale omzet wordt gebruikt voor de berekening van de **DESI** (luik "integratie van digitale technologie"). Met een aandeel van **22,3 %** bevindt België zich boven het Europese gemiddelde (**17,2 %**).

Hackers Are Spreading Malware Through Pokémon GO



2014 , 2015 , 2016 EN ...

New technologies bring new risks

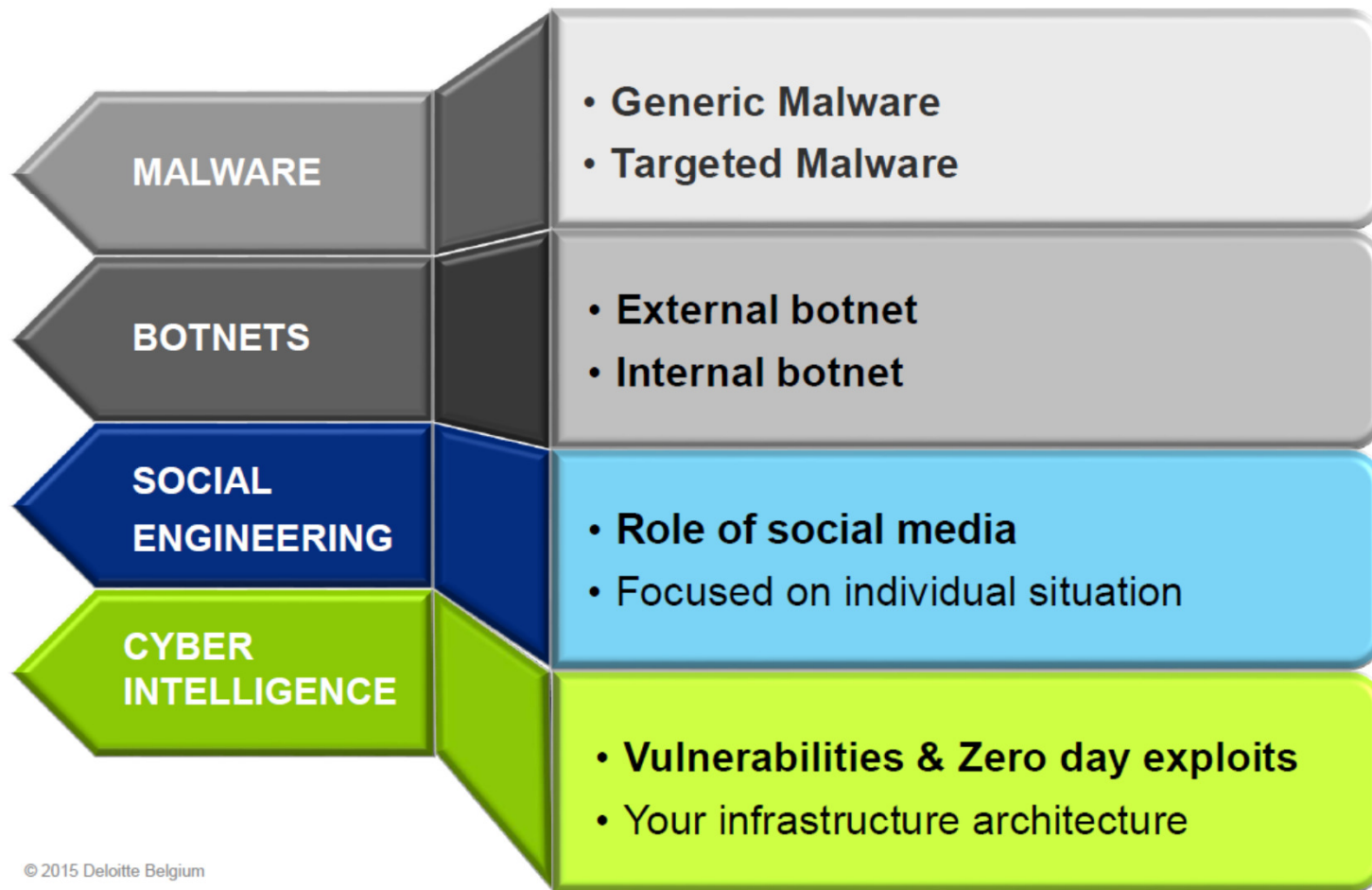


Actors threatening your business



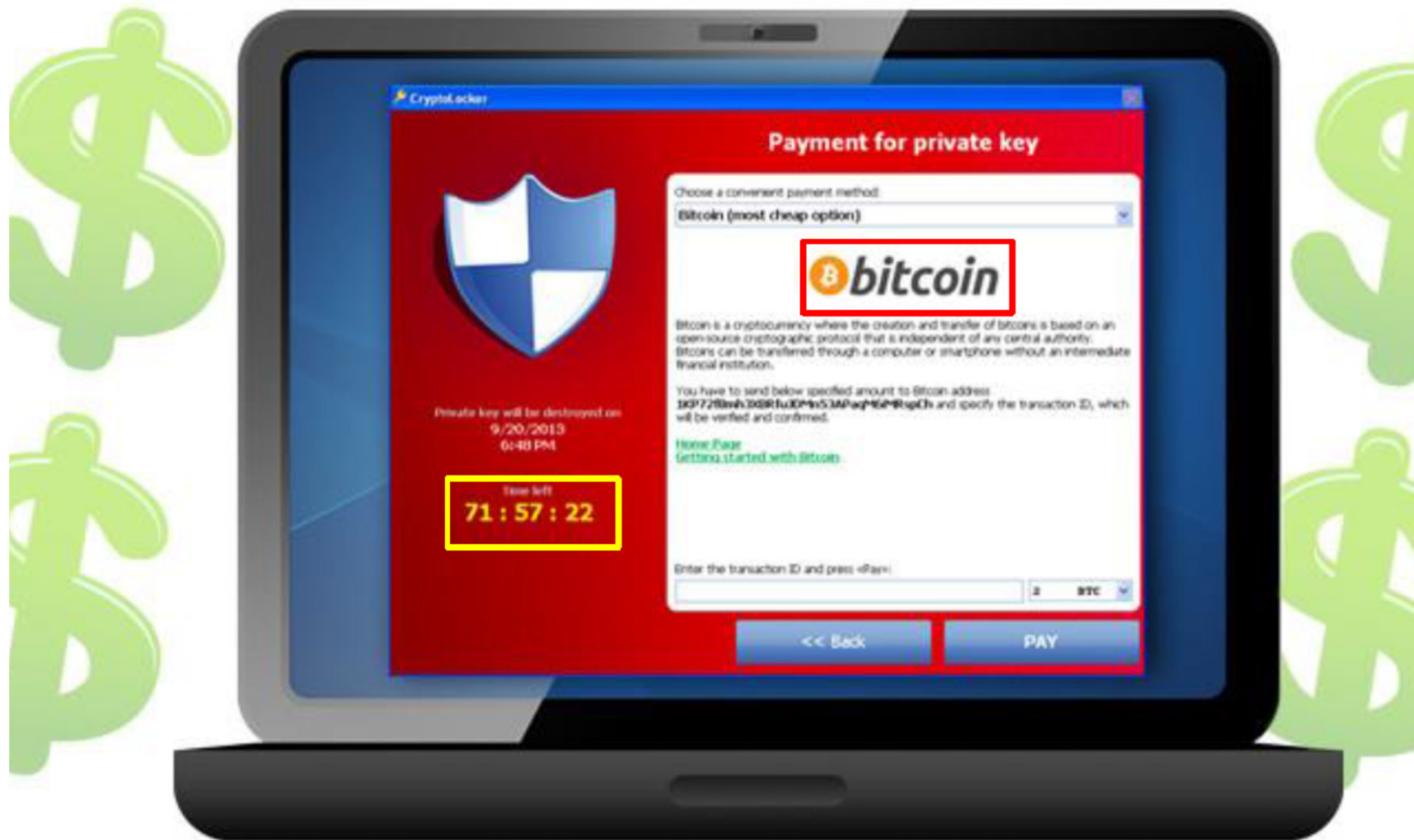
Tools of the cyber criminals

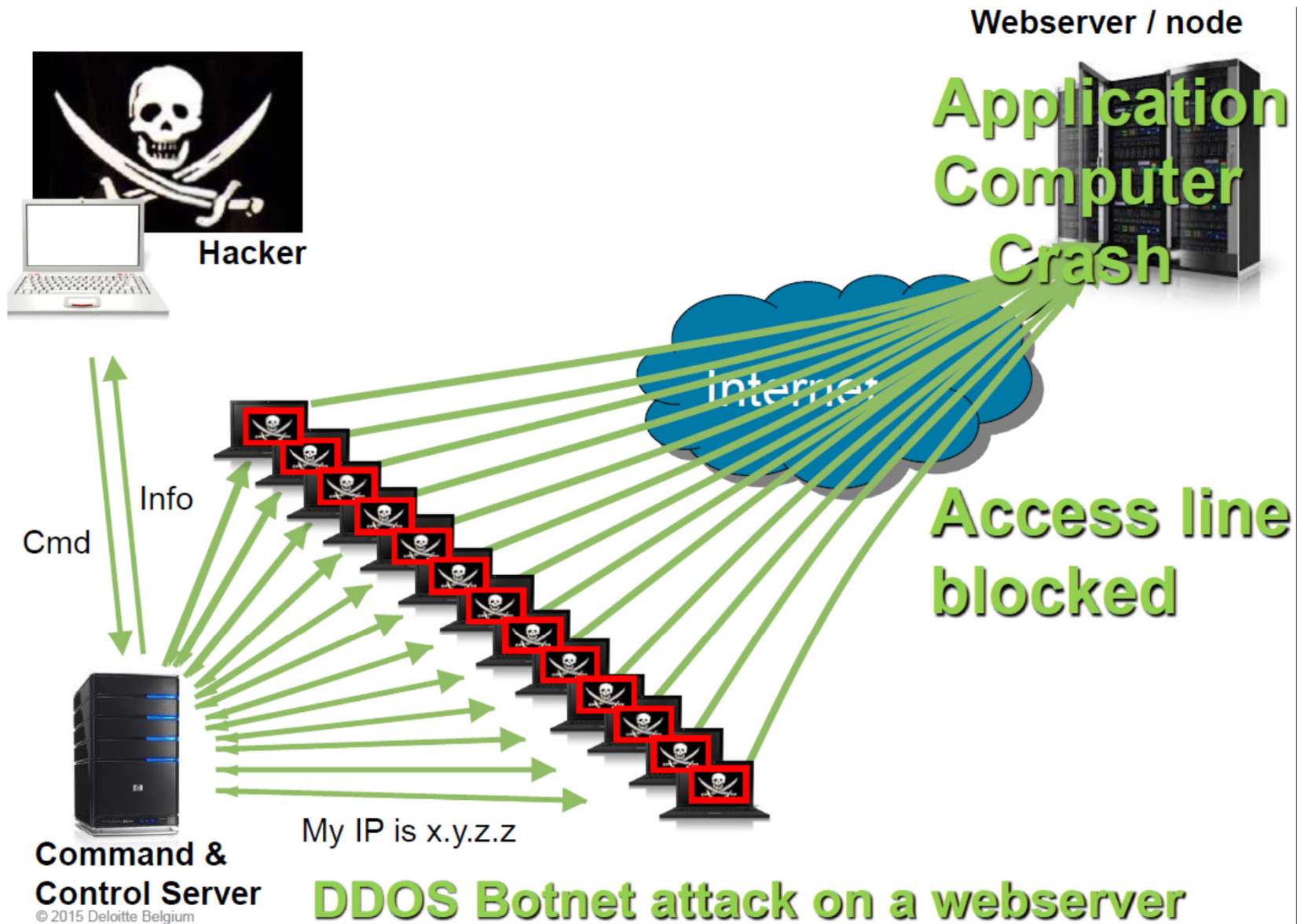
An overview

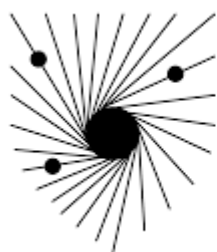


Ransomware

Paying the criminal – the new way







CENTRE FOR
CYBER SECURITY
BELGIUM



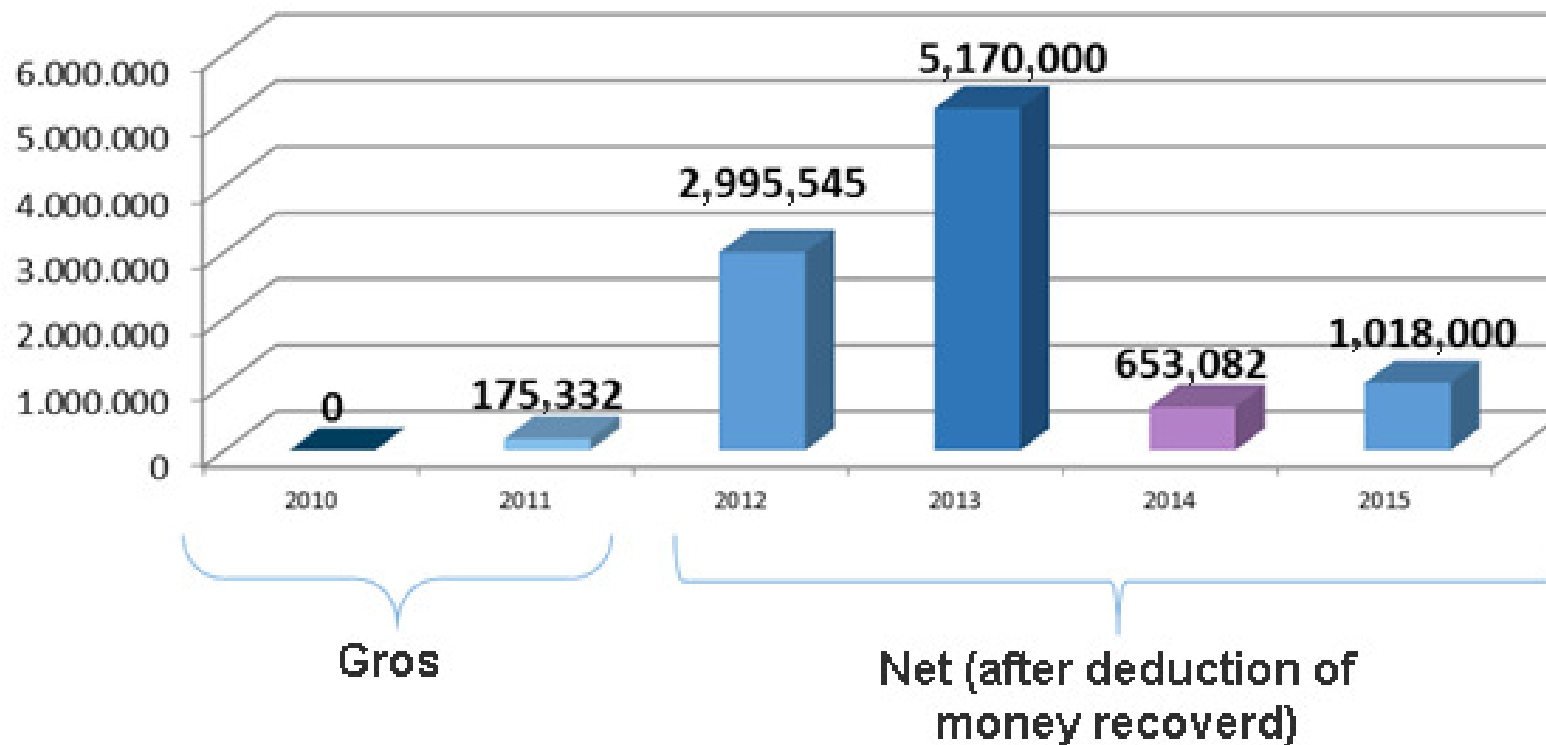
CERT.be
The Federal Cyber Emergency Team



CYBER SECURITY
COALITION.be

	Meldingen per maand	Incidenten per maand
2010	178	116
2011	217	125
2012	322	165
2013	557	339
2014	901	822
2015	1119	1092

Loss of money due to fraud (EUR)



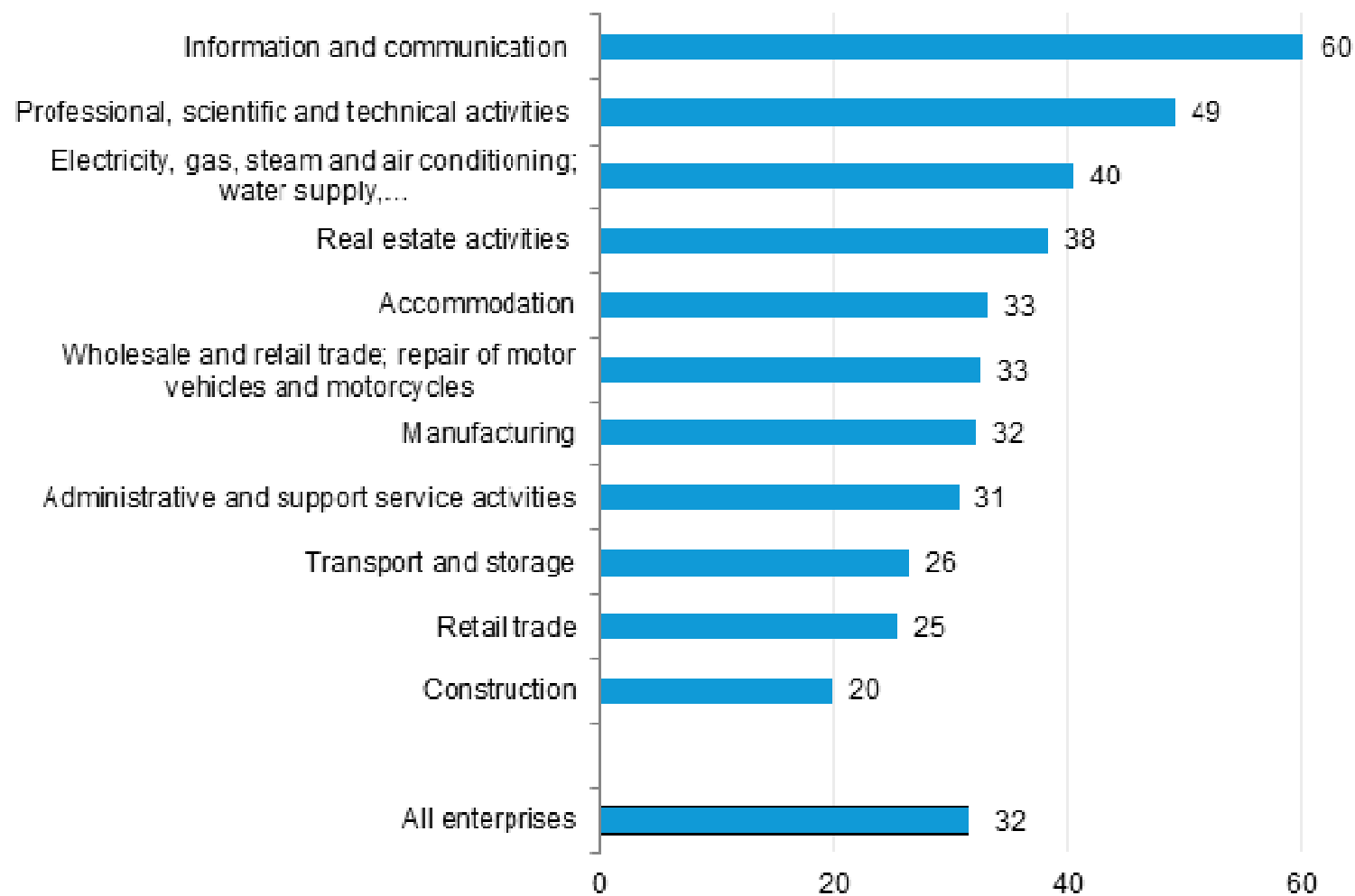
**Never send your bank card
nor disclose your codes**



GDPR

EU General Data Protection Regulation

KMO en beveiligingsbeleid ?



WAAROM MOET DE KMO IETS DOEN ?

- **Compliant met de GDPR**
(gevoelige persoonsgegevens)
- **Company reputatieschade**
- **Continuïteit**
- **Concurrentie**



WIE GAAT DE KMO INFORMEREN (EN NAAR WIE GAAT DE KMO LUISTEREN)?



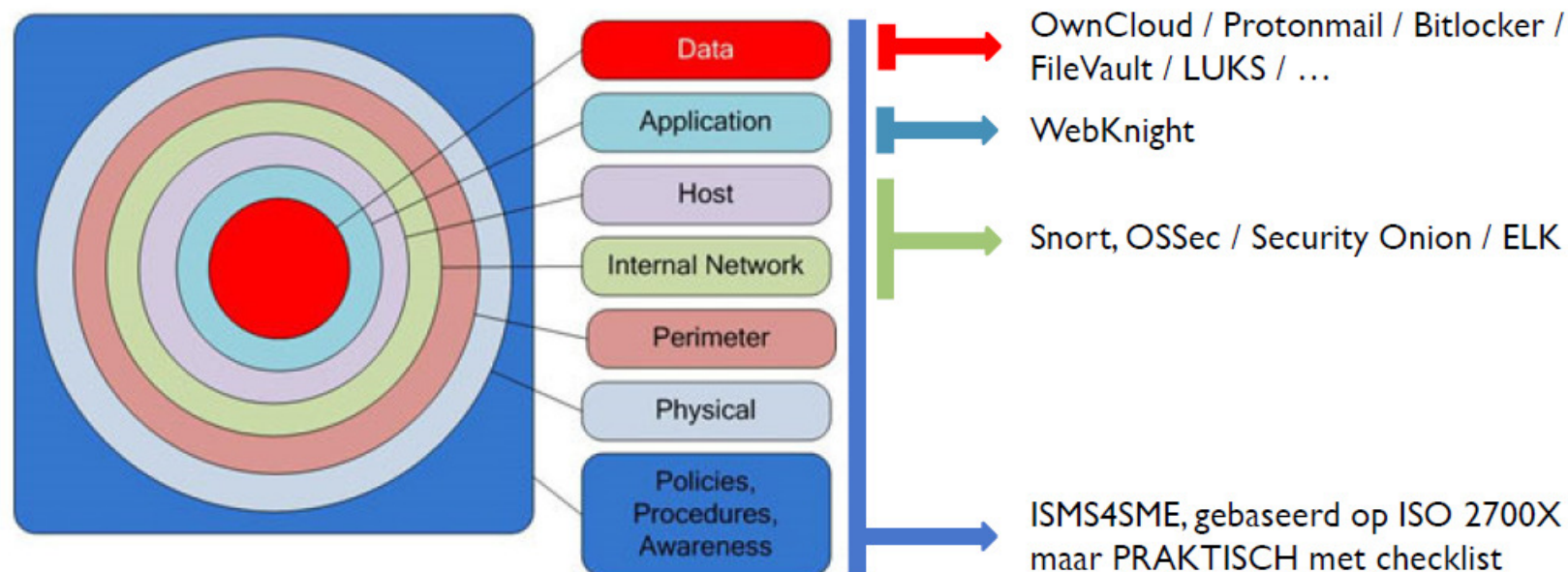
- Boekhouder / bedrijfsrevisor
- Klant (onderaannemer)
- IT leverancier
- Bankier
- Verzekeringsmakelaar
- Beroepsorganisatie

ONZE RAAD AAN DE KMO : INSTALLEER EEN ISMS INFORMATION SECURITY MANAGEMENT SYSTEM



NIST

Tools



ISMS4SME

Function Unique Identifier	Function	Category Unique Identifier	Category
ID	Identify	ID.AM	Asset Management
		ID.BE	Business Environment
		ID.GV	Governance
		ID.RA	Risk Assessment
		ID.RM	Risk Management Strategy
PR	Protect	PR.AC	Access Control
		PR.AT	Awareness and Training
		PR.DS	Data Security
		PR.IP	Information Protection Processes and Procedures
		PR.MA	Maintenance
		PR.PT	Protective Technology
DE	Detect	DE.AE	Anomalies and Events
		DE.CM	Security Continuous Monitoring
		DE.DP	Detection Processes
RS	Respond	RS.RP	Response Planning
		RS.CO	Communications
		RS.AN	Analysis
		RS.MI	Mitigation
		RS.IM	Improvements
RC	Recover	RC.RP	Recovery Planning
		RC.IM	Improvements
		RC.CO	Communications

BEVEILIGINGSBELEID IN DE KMO (PRAKTISCH)

1. In te vullen check list
2. Gesprek met Business en IT verantwoordelijke(n):
 - Assets
 - Risico's
 - Bestaande maatregelen
3. Ge-automatiseerde assessment tool
4. Rapport:
 - Beveiligingsbeleid documenten
 - Verbeter-plan
5. Re-assessment

INTERNET OF THINGS 26 MILJARD DEVICES AANGESLOTEN IN 2020



Smart Factory



Smart Cities



Smart Building/Home



Smart Retail

