

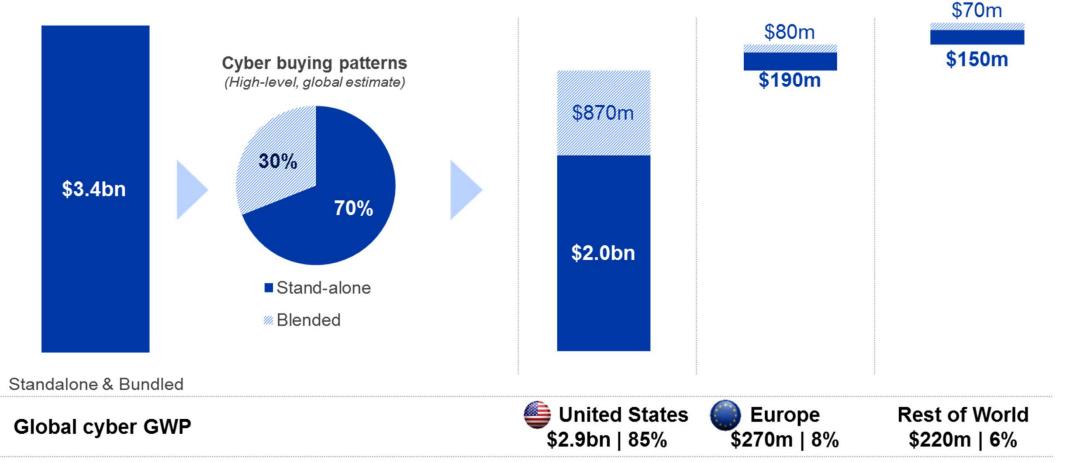
### Global Cyber Market Overview

ENISA Cyber Insurance Workshop Brussels – October 6<sup>th</sup>, 2017



### The global cyber market is estimated to be worth c.\$3.4bn in premium

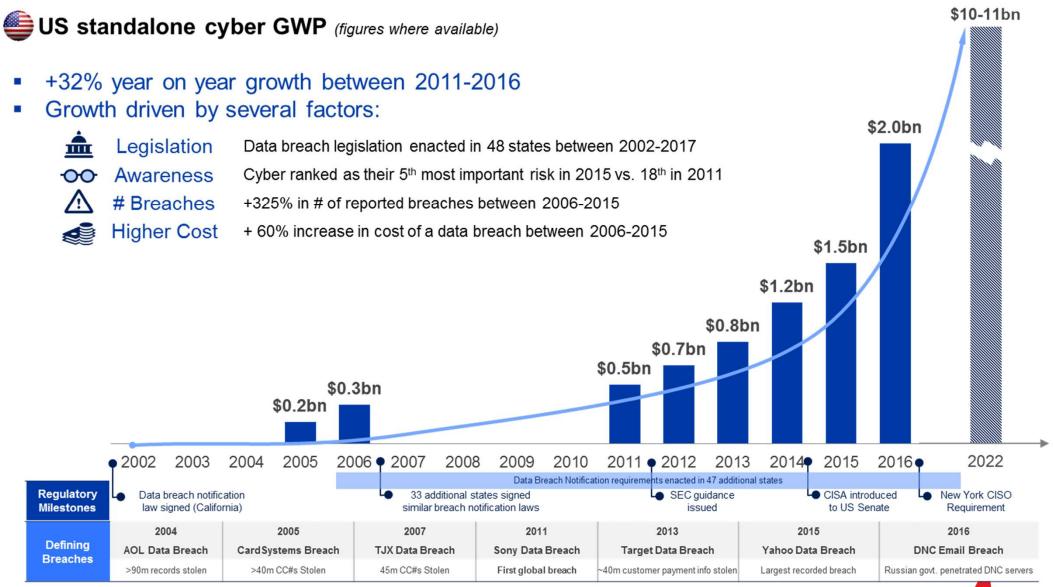
- 70% c. \$2.3bn relates to standalone cyber products
- 85% of the business originates from the US







### Over the last decade, the US market has shown high growth levels



Source: Betterley Report, Advisen, PropertyCasualty360, Business Insider, Marsh, Aon, datalossdb.org, Identity Theft Resource Center, NCSL, Ponemon Institiute, Aon Global Risk Survey, Aon Inpoint analysis

Notes:1. Aon Global Risk Survey



3. The Ponemon Institute



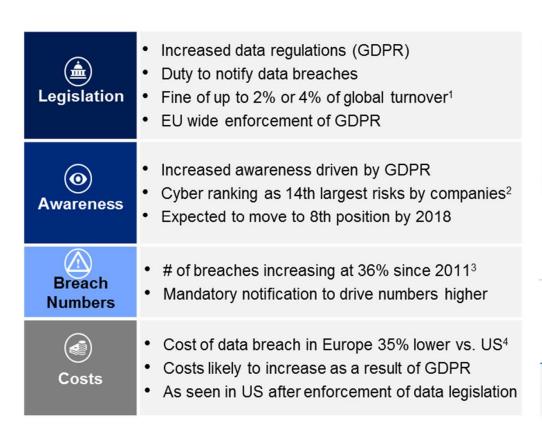
# The EU standalone cyber market is estimated to be worth c.\$190m and could grow to c.\$900m by 2020 as a result of GDPR's impact on buyer awareness and demand

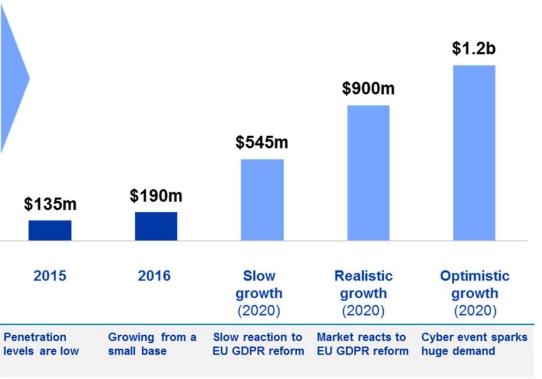




### EU standalone cyber GWP

- +40% GWP growth between 2015-2016
- Expected to see accelerated growth due to stricter regulations and increased awareness





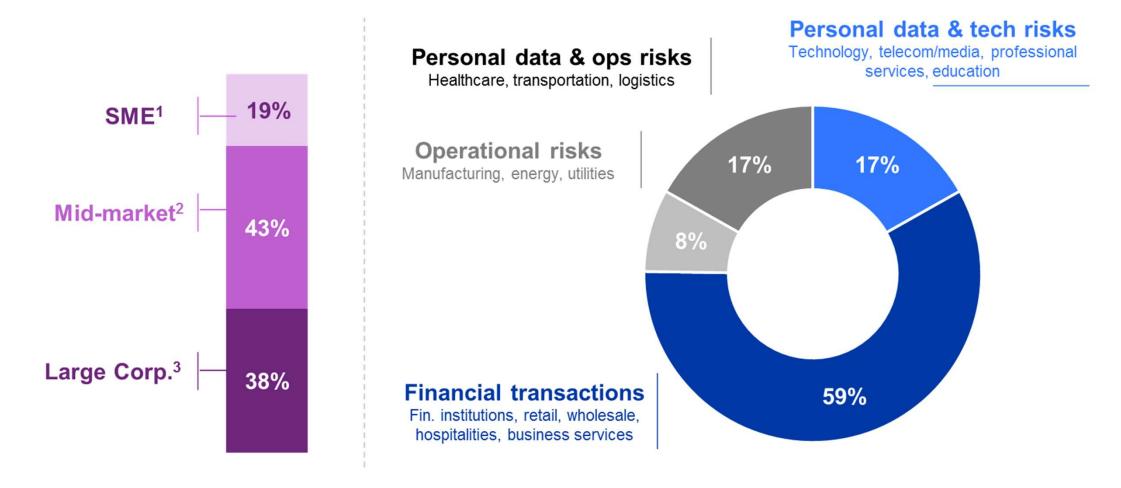


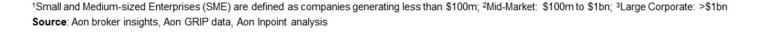
### In the US, large financial institutions, retailers and healthcare companies have been the main buyers of standalone cyber products





### 2015 Estimated breakdown of standalone US cyber market







### Higher penetration of cyber insurance is observed in these 'traditional' buying segments

### Higher take-up rates of standalone product is evidence of :

- Increased awareness of potential impact of a cyber event on their business
- Insurers' ability to offer relevant products
- Higher maturity of the market in these segments

#### Client revenue segments







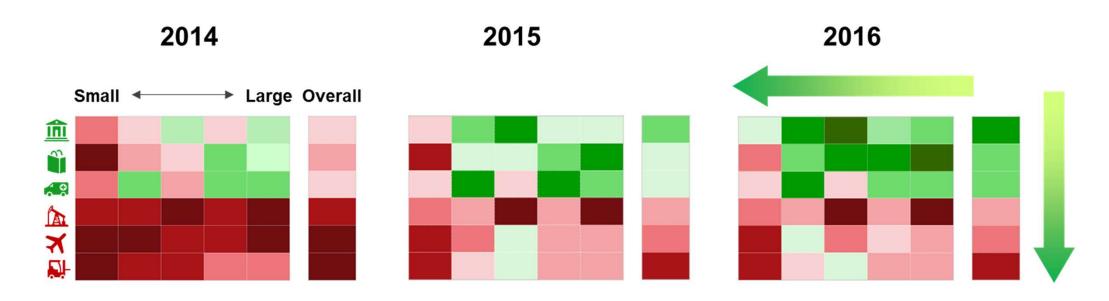




### Penetration levels of standalone cyber insurance products have increased rapidly

### Reflecting the increase in demand from those 'traditional' cyber segments Demand is also spreading to new segments:

- Moving from large global 'traditional buyers' to smaller companies
- Reaching new industry segments less exposed to data breach but still exposed to cyber events







# While emerging segments have specific needs, the market has not yet fully addressed the needs of the 'traditional' buyers



	Financial Institutions	Retail	Healthcare	Critical Infrastructures	Transport Logistics	Manufacturing
	Banks     Financial Srvcs	<ul><li>Consu. Goods</li><li>Online Retailers</li></ul>	<ul><li>Hospitals</li><li>Health Services</li></ul>	<ul><li>Energy</li><li>Utilities</li><li>Telecom</li></ul>	<ul><li>Aviation</li><li>Aerospace</li><li>Logistics</li></ul>	<ul><li>Chemicals</li><li>Pharma</li><li>Food and Others</li></ul>
3rd Party Liab. Breach Costs (1st) Business Interr. Data / Syst. Restor.	16	14	17	8	11	12
	9	12	16	10	8	8
	25	14	14	14	25	17
	22	8	13	8	20	13
Contingent BI	19	16	16	9	9 14	10
Bod. Inj./PD (1st/3rd)	5	2	5	7		5
Loss of IP	19	23	7	9	9	15
Reputational Risk	25		16	12	6	13



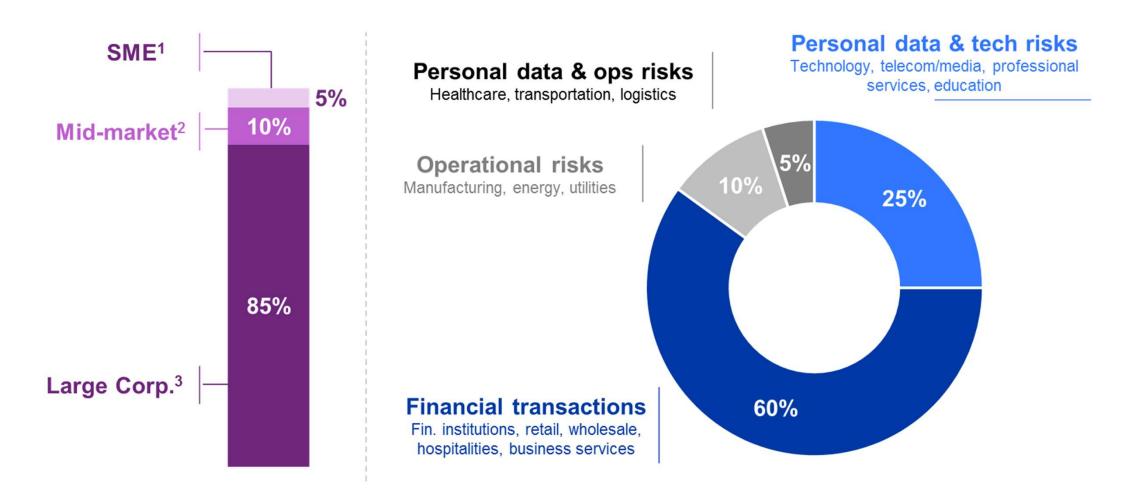
# In the less mature European market, the demand for cyber standalone product is coming from large financial institutions, retail and tech risks





2015 breakdown of standalone Cyber GWP using Aon's book







## However, European companies are also concerned by the same risks that drove demand in the US



	Financial Institutions	Retail	Healthcare	Critical Infrastructures	Transport Logistics	Manufacturing
	Banks     Financial Srvcs	<ul><li>Consu. Goods</li><li>Online Retailers</li></ul>	Hospitals     Health Services	<ul><li>Energy</li><li>Utilities</li><li>Telecom</li></ul>	<ul><li>Aviation</li><li>Aerospace</li><li>Logistics</li></ul>	<ul><li>Chemicals</li><li>Pharma</li><li>Food and Others</li></ul>
3rd Party Liab. Breach Costs (1st) Business Interr. Data / Syst. Restor.	22 9 25 16	18 15 20		18 9 11 8	13 9 25 22	12 11 17 10
Contingent BI Bod. Inj./PD (1st/3rd)	16 9	15 2		12 23	16 9	10 7
Loss of IP Reputational Risk	13 19	20		8	4 11	12 12

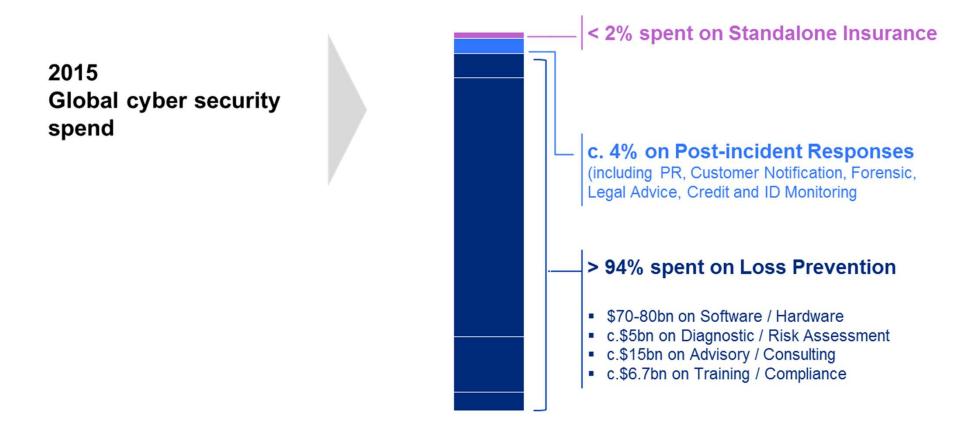
.... and we can expect the demand for cyber insurance product to quickly extend to other segments



### Insurance only represents a small fraction of companies' spend on cyber security

We estimated the total 2015 cyber security market to be worth c.\$100bn

- The majority of cyber spend is on loss prevention solutions
- Despite strong growth over the last few years, Insurance only accounts for c.2%



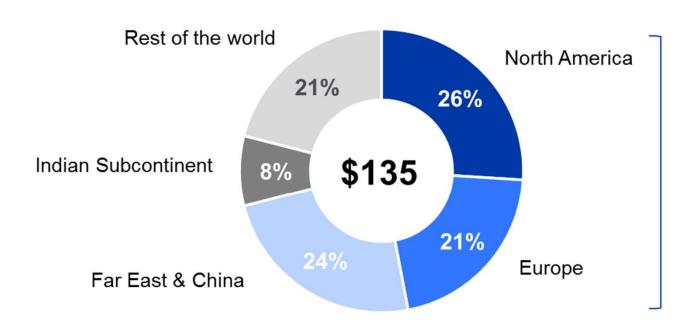


# In a world where it is not a question IF a network is going to be breached but WHEN it will happen, loss prevention solutions are not enough to fully protect companies

A report from Juniper Research estimates the spend on software/hardware and network security solution to reach \$135bn by 2022

### Cyber security market forecast – 2022

(approximated figures)



North America and Europe currently represent > 90% of cyber insurance premium but are expected to account for c. 45% of cyber security spend by 2022

**Empower Results®** 

In the future, cyber insurance will play an important role in supporting companies in the digital era, in North America, Europe and other parts of the world

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### **Aon Inpoint Contacts**

### **Jeremy Maginot**

Aon Inpoint, Strategy Director – Cyber Lead Consultant

122, Leadenhall Street EC3V 4AN, London, UK +44.20.7086.4502 jeremy.maginot@aon.com

### Mark Buningh

Aon, Cyber Risk Practice Leader - The Netherlands

Admiraliteitskade 62 Rotterdam, 3063 ED, Netherlands +365.134.6614 mark.buningh@aon.nl

