

5G: A change of paradigm

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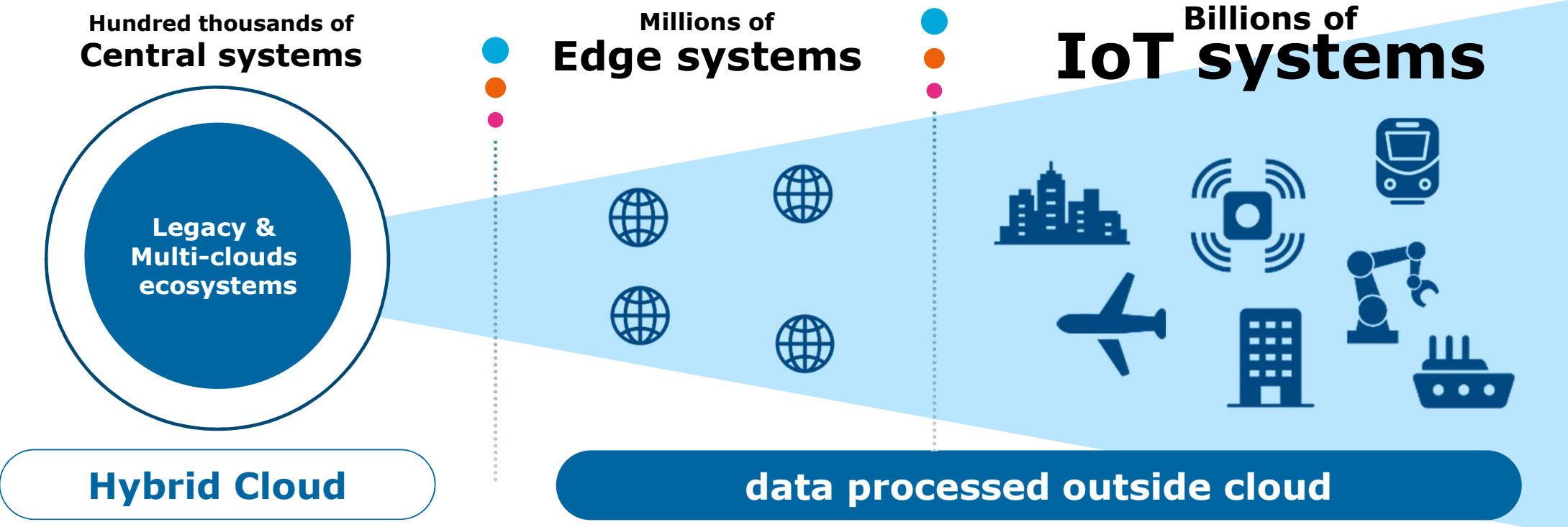
Atos

Clear change of paradigm: **We enter the post-cloud era**

80%

20%

A changing landscape: in nature and scale



Clear change of paradigm: **We enter the post-cloud era**

20%

80%

A changing landscape: Data is the new oil... for criminals also

Cybercrime generates **\$1,5 trillion** in revenues from their victims every year.

\$2,1 trillion: The total global annual cost of all data breaches.

Additionally over the next 5 years, companies risk losing **US\$5.2 trillion** in value creation—almost the size of the economies of France, Italy and Spain combined—to cybersecurity attacks.

(Sources: Juniper, RSA, Accenture)

Top 10 most valuable information to cyber criminals

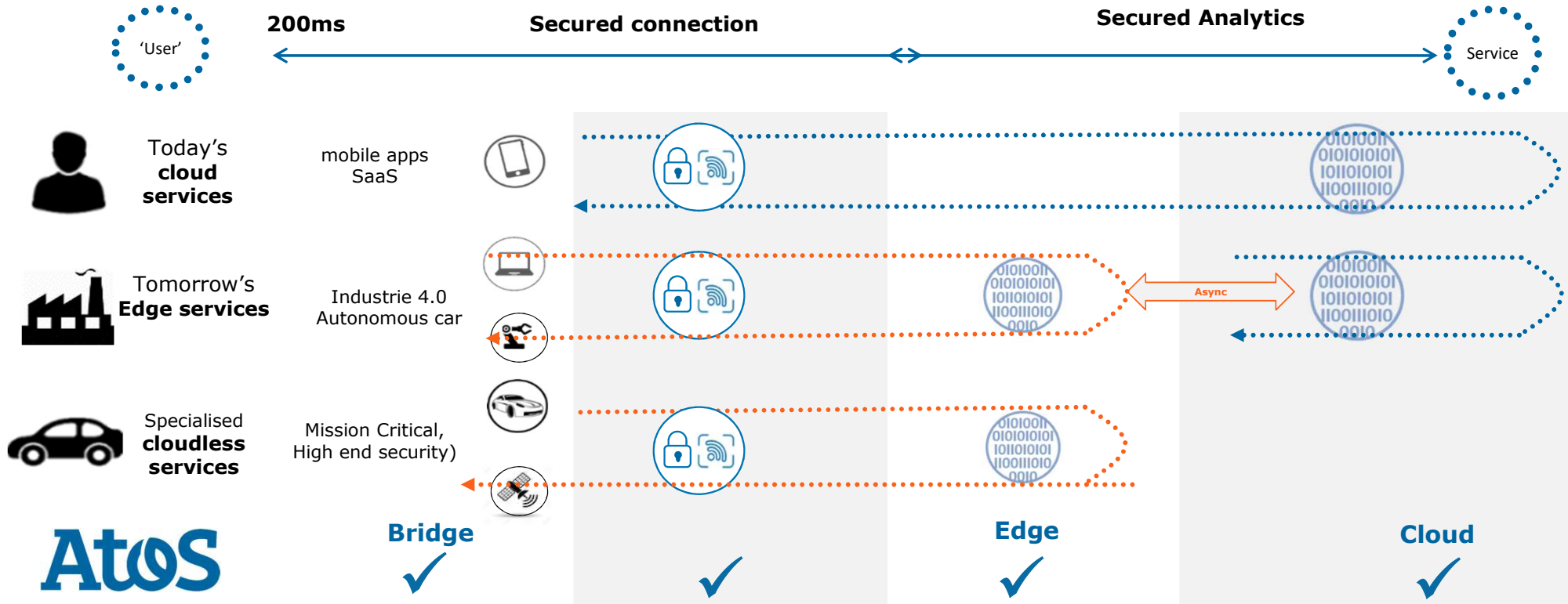
1. Customer information (17%)
2. Financial information (12%)
3. Strategic plans (12%)
4. Board member information (11%)
5. Customer passwords (11%)
6. R&D information (9%)
7. M&A information (8%)
8. Intellectual property (6%)
9. Non-patented IP (5%)
10. Supplier information (5%)

Top 10 biggest cyber threats to organizations

1. Phishing (22%)
2. Malware (20%)
3. Cyberattacks (to disrupt) (13%)
4. Cyberattacks (to steal money) (12%)
5. Fraud (10%)
6. Cyberattacks (to steal IP) (8%)
7. Spam (6%)
8. Internal attacks (5%)
9. Natural disasters (2%)
10. Espionage (2%)

EY – Global Information Security Survey 2018-2019

The opportunity: secured information processing, from the Edge to the cloud, in quasi Real Time



Thank you

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The Atos logo is displayed in white on a blue background. It features the word "Atos" in a bold, sans-serif font, with a stylized circular element integrated into the letter 'o'.

1- A changing landscape:

There is no more escape from cybercrime

Information theft/loss is now the **prevalent** type of crime worldwide ahead of physical criminality

ENISA Threat Landscape Report 2018

137.5M new **malwares** appeared in 2018

24M new samples in 1Q2019

AV Test

Ransomware: **80%** attacks target enterprises

+15% a year

Symantec

45% victimised organisations paid ransoms
35% never recovered their data

Imperva 2019 Cyberthreat Defense Report

Supply chain and industrial control systems attacks grew **80%** in 2018
Shift to IT/OT/IOT

ENISA Threat Landscape Report 2018

90% of companies deal with rogue **cloud apps**
80% have experienced **cloud security events**

Imperva 2019 Cyberthreat Defense Report

Attacker resides within a network for an average **146 days** before detection

Microsoft