WHERE TRUST BEGINS PROTECTING THE CONNECTED ECOSYSTEM

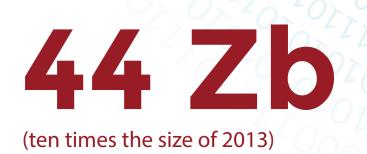
The connected computing reality has changed our lifestyles while creating new needs and expectations. While constant Internet access offers many benefits, including instant access to data and connectivity among many kinds of devices, there are downsides.

The world of data

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According to IDC, in 2013 there were almost as many bits of data in the Digital Universe as known stars in the physical universe, and by the year 2020 the Digital Universe is expected to reach



12.5 TIOIIII0000

2010

2015

2020

Total number of devices (bn)

The Internet of Things (IoT) is growing over three times as fast as traditional IT, and by 2020 will nearly equal all other IT spending. Research conducted by Cisco Systems indicates as many as 50 billion installed connected things by 2020.



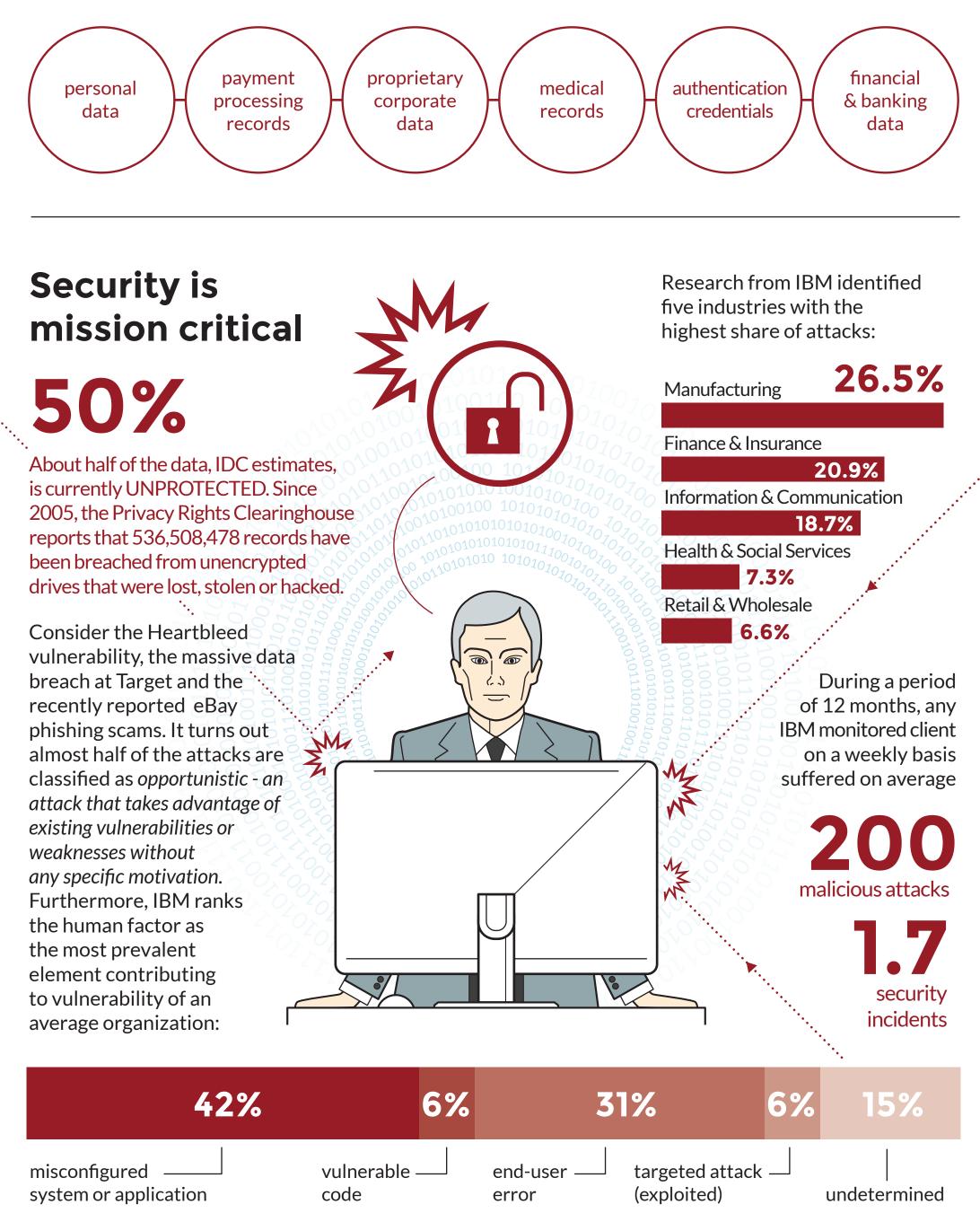
Contributing significantly to the vast streams of data created today are increasing numbers and kinds of devices. According to estimates, the number of mobile phones will exceed the world population in 2014.



Computers in use will reach the 2 billion mark next year.

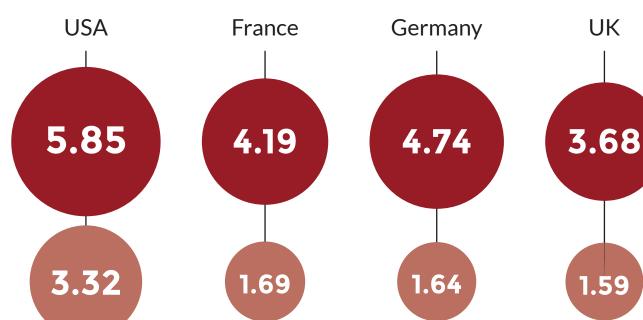


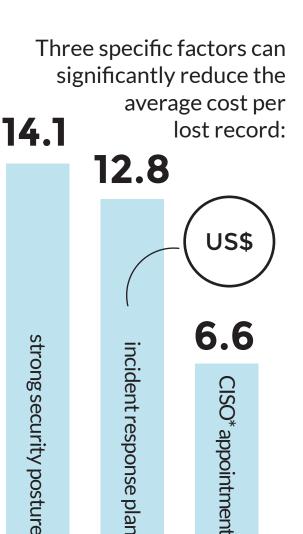
Most of that data (about 2/3) is created by the individual consumer, but 85% of all the content falls within the responsibility of the enterprises acting as owners/custodians of:



The costs (US\$ million)

IBM and Ponemon Institute research points to the significant increase in average total organizational cost of data breaches over the period of one year:

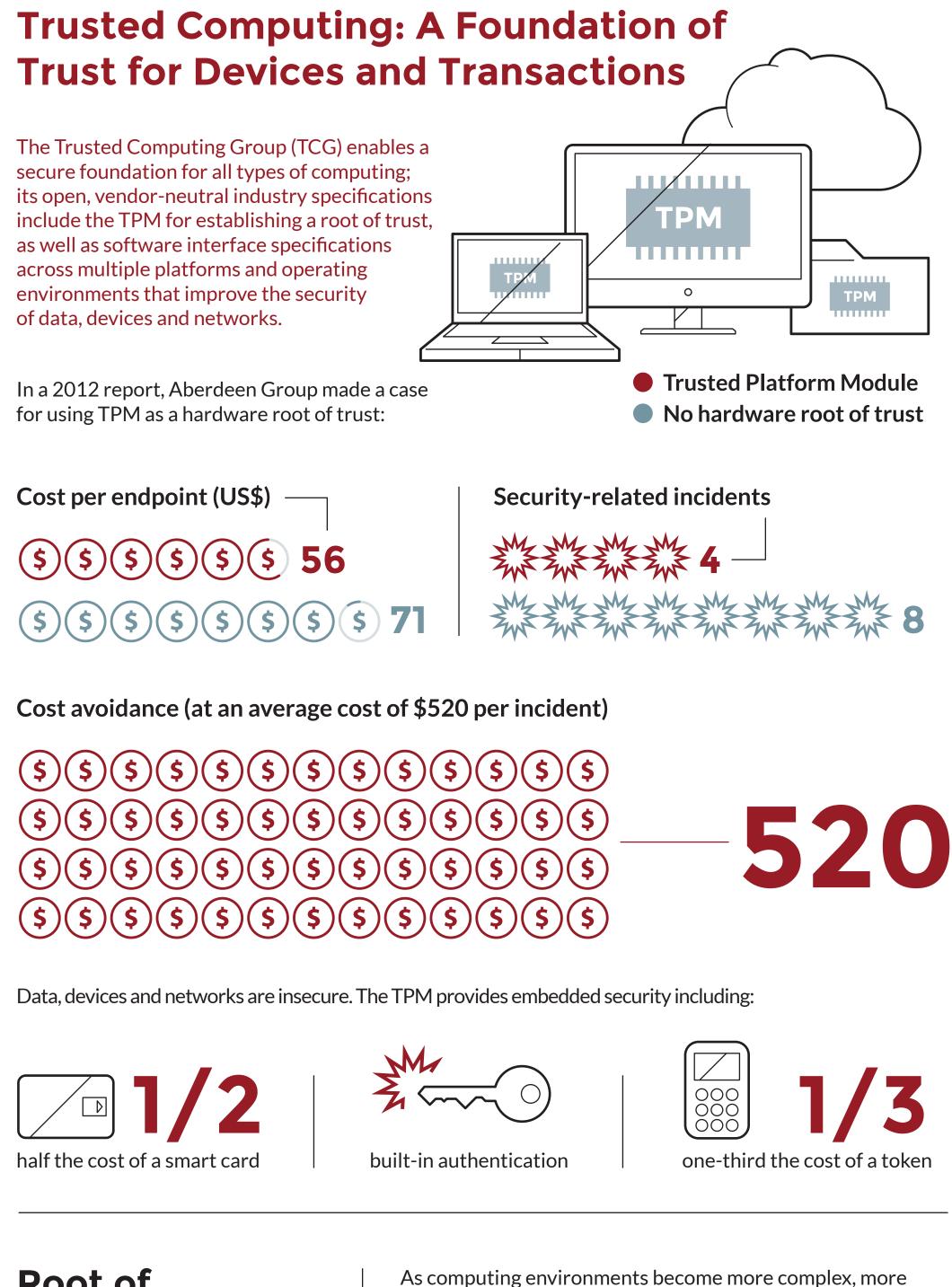






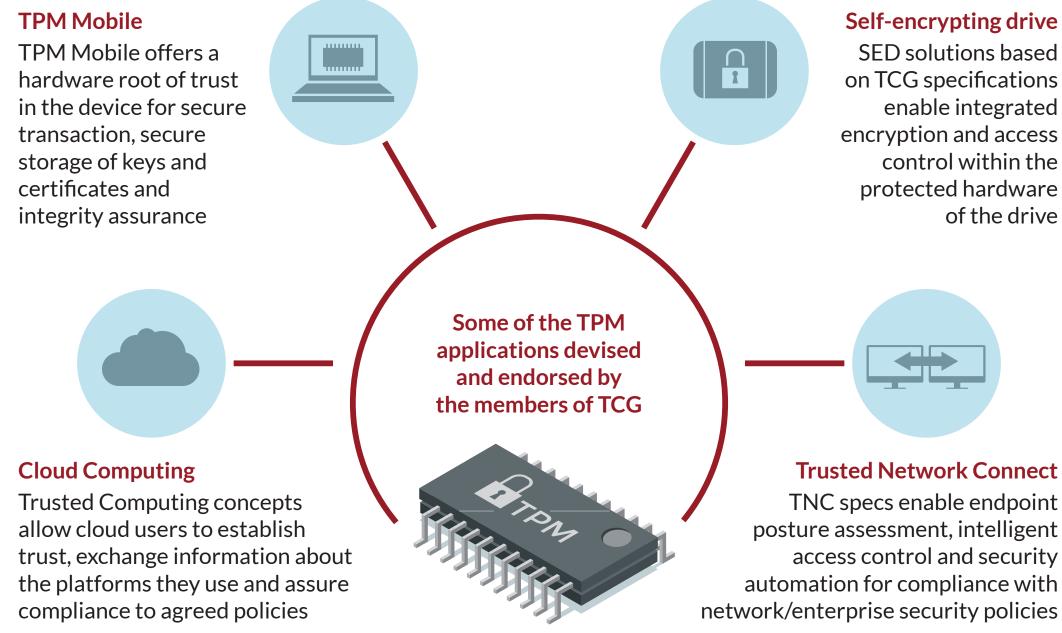


*Chief Information Security Officer

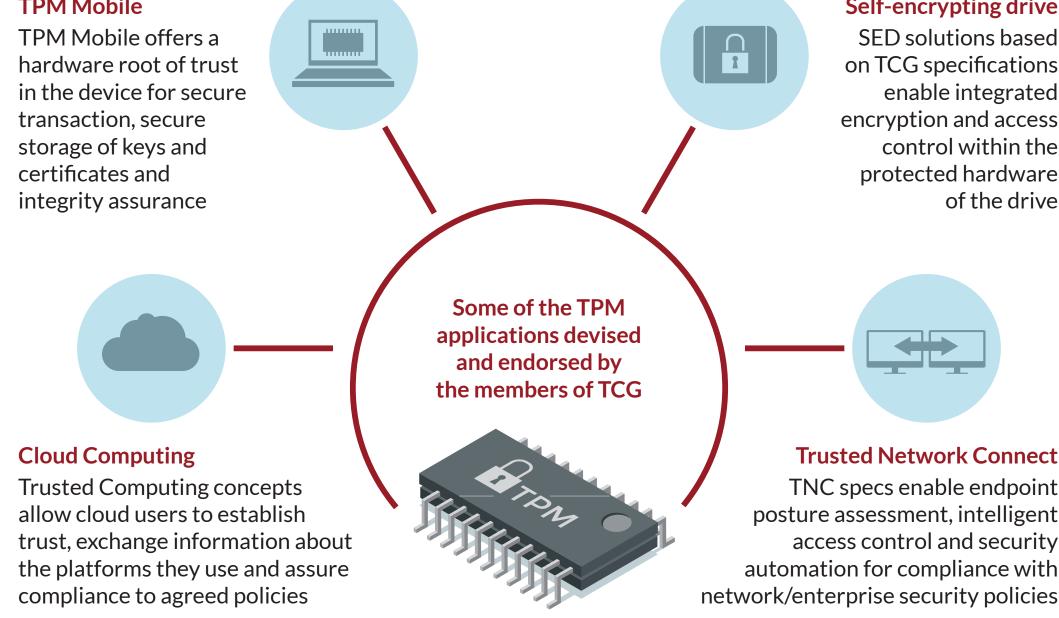


Root of Trust (RoT)

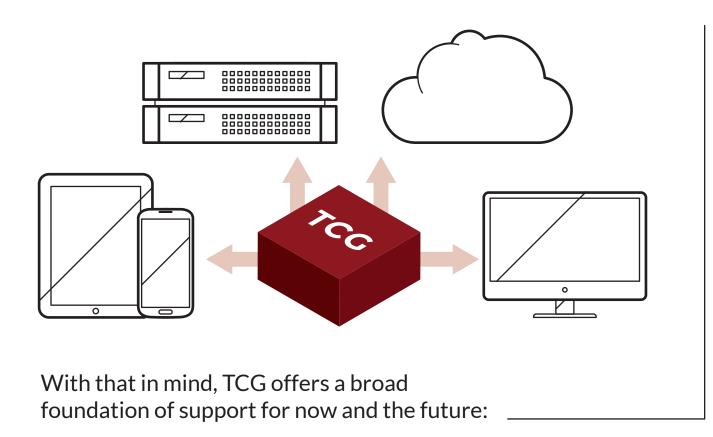
RoT is hardware, firmware, and/or software that is inherently trusted to perform a vital security function.



security functions will rely on Root of Trust (RoT). This will be the case not only in the original TPM target platforms of desktop and notebook deployments, but also in the mobile, virtual and cloud server environments, as well as the embedded computing space and IoT devices ranging from cars to factories to appliances and more.

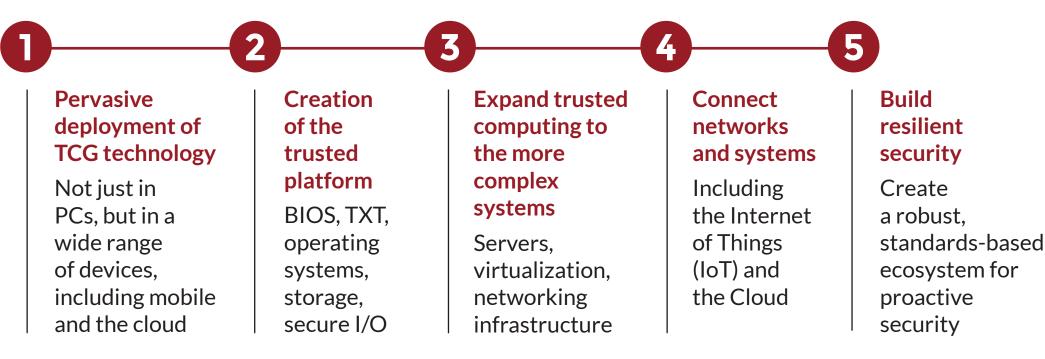


Sharing a common TCG approach



The evolution of trusted computing and TCG:

Sharing a common TCG specification would be more economical than fragmented solutions, reducing the cost of goods for vendors, developers, and suppliers and cost of ownership for users of technology. Federal and international legislation mandate the use of strong security measures to protect information, as shown by the 2013 FTC ruling, which imposed clear guidelines after a "failure to take reasonable steps to secure the software it developed placed sensitive information about millions of consumers at risk".



JOIN the quest to develop and promote trusted computing technologies, and become a part of the global circle of trust.

SOURCES: Abderdeen Group, Bloomberg, Cisco Systems, ComputerWorld, Ericsson, Federal Trade Commission, Forbes, IBM, IDC, Ponemon Institute, Trusted Computing Group, Verizon, Wall Street Journal

