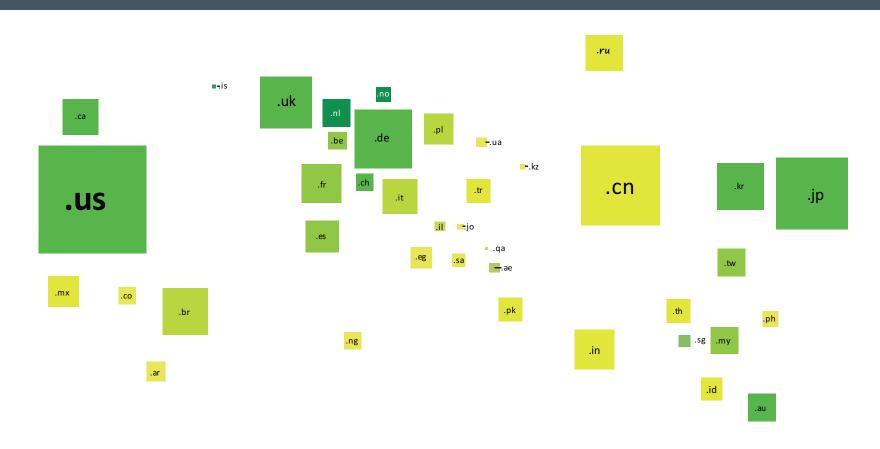
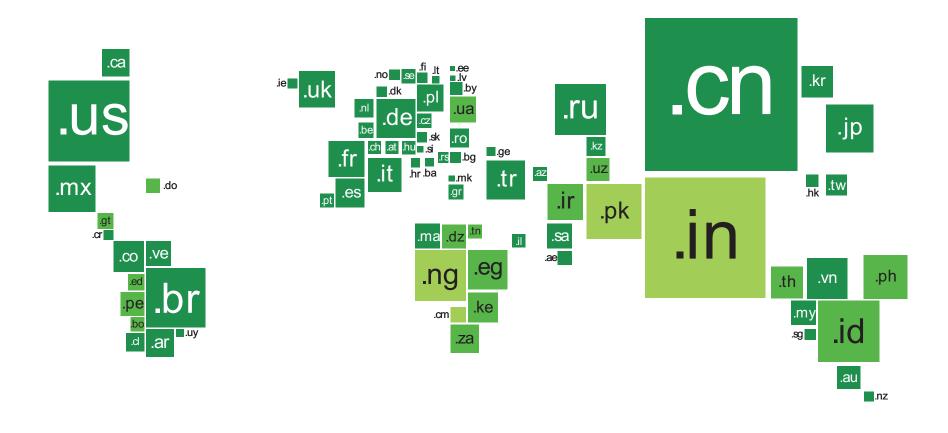




Demographic Trends: Internet Users in 2005



Demographic Trends: Internet Users in 2025



Technology Trends

70% Sobn
of CIOs will embrace a cloud-first strategy in 2016

Sobn
Mobile and IoT connected devices become ubiquitous
Platform diversity
Data volumes surge

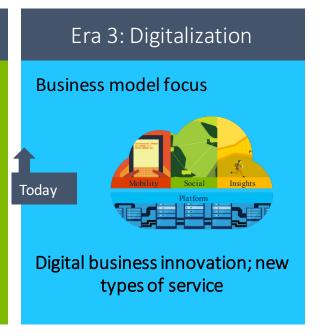
Third Era of Enterprise IT

"Every single industry will be digitally remastered."

-Mark Raskino, VP & Gartner Fellow







Cloud as Enabler of Digital Transformation

Acquiring **new customers** through new channels

Productivity

Boosting business agility with instant-on capacity

Insights

Delighting customers with personalized experiences and service

Entering new markets by innovating with digital

innovating with digital products and services

Instantly scale business for global reach



Social

Instantly scaling to meet demand

Speeding application development

Converting capital expenses to operating expenses

Redesigning

Increasing employee productivity with

ubiquitous access

business processes

Redeploying IT talent onto more strategic projects

Speed



2 weeks

to deliver new services vs. 6-12 months with traditional solution

Case Study: HarnerCollins Publishers

Scale



Scale from **30,000 to 250,000** site visitors instantly

Case Study: Autocosmos

Economics



75% less cost compared to on-premises

Microsoft Azure Bl Team STMG Proof Points Centra

Government Transformation

Start with a trusted & resilient foundation



Reshape how you engage with citizens

Leverage economies of scale and expertise



Enable more productive work

Use the cloud to drive future technology uptake

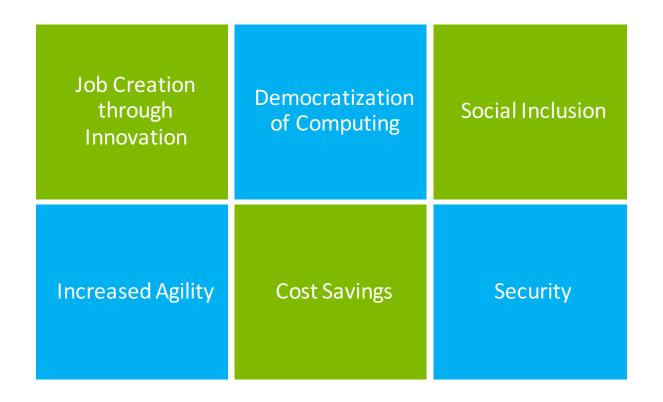


Enable domestic IoT economy





Economic and Societal Transformation





Cyber Risk Environment

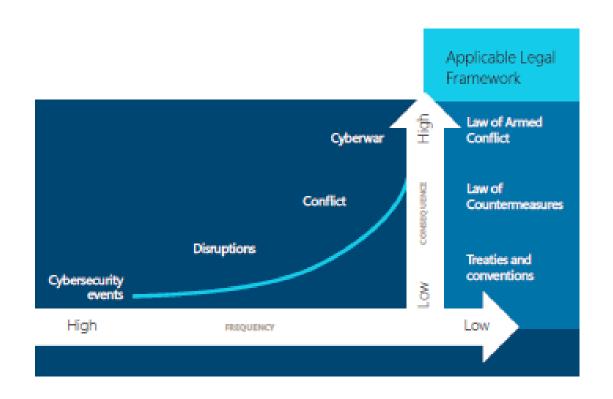


Many methods of attack

Permissive environment

Increasing consequences

Escalating Conflict



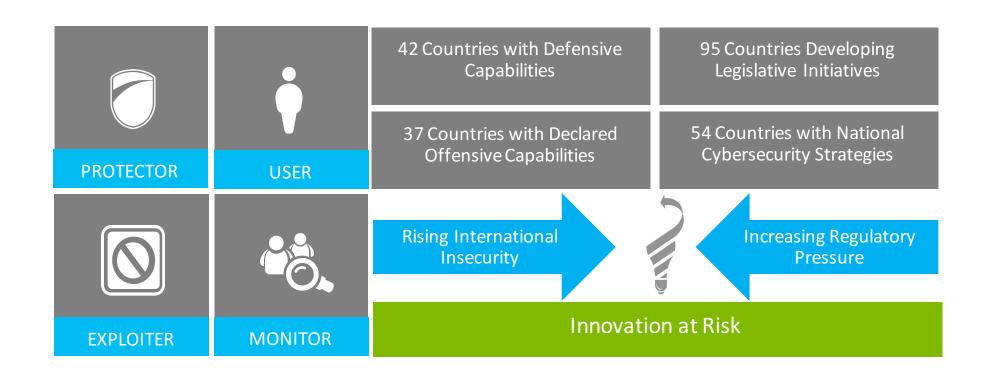
Dependence and Risks Drive Public Policy







Governments' Roles and Regulatory Pressures



Policy Topics at Play



Policy Principles













Beyond Regulation



median # of days attackers are present on a victim network before detection



Security

Average cost of a data breach to a company

15 % increase YoY

as much as \$3 trillion in lost productivity and growth

Impact of cyber attacks could be

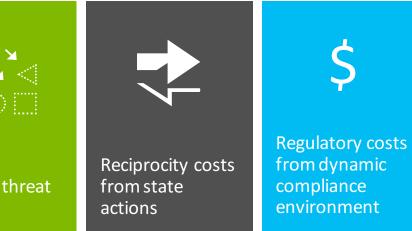
Job security Customer loyalty

Implications

Brand reputation Civil liability
Intellectual property

Complexities for the Private Sector in the Digital Age



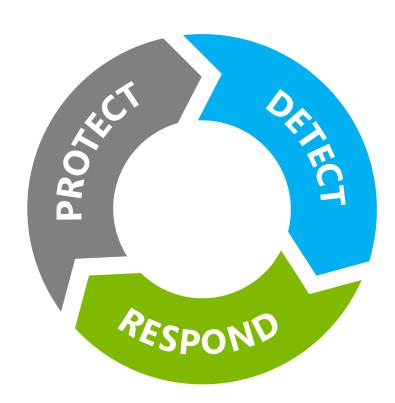


Enterprise Risk Management

Continuous risk management is the key to advancing persistent security.

Innovating in response to attacks and incidents develops and grows sustained capabilities.

Cultural adaptation is required in the face of rapidly changing threats.



Due Diligence for Cybersecurity

Integrated, holistic approach beyond just IT

Dedicated staff and budget

Governance

Standards, Controls, and Compliance

3rd Party Risks

Audit

Continuous improvement



Microsoft Commitment to Cybersecurity

We have built a culture of strong privacy principles and leading security practices

We invest deeply in building a trustworthy computing platform and security expertise

We proactively fight cybercrime and advocate extensively for policies and action that enhance cybersecurity

Compliance

Cybersecurity

Governance

Advocacy

Risk management

Transparency

Risk Informed Choice

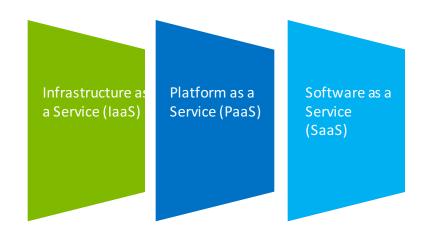
Deployment models



Environment operated solely for a single organization; it may be managed by that organization or by a cloud service provider.

Public or private environments remain unique entities but are bound together with onpremises ICT by common technology that enables data and application portability. Multi-tenant environments in which cloud service providers own and make available to the general public their cloud infrastructure, including storage and applications.

Service models



Trusted Cloud Principles

Commitment to principles worthy of your organization's trust



Synergistic Roles

Private Sector

- ✓ Manage risks to systems and data
- ✓ Exchange information to enable ecosystem risk management
- ✓ Enable greater control, demonstrate compliance, be transparent
- ✓ Coordinate vulnerability handling
- ✓ Provide technical expertise to governments on cybersecurity challenges
- ✓ Help identify critical infrastructure functions that would create unacceptable impacts, and should not be subject to offensive actions
- ✓ Catalyze action to define cybersecurity norms

Public Sector

- ✓ Harmonize risk management requirements
- Exchange information to enable ecosystem risk management
- ✓ Create agile regimes for compliance that leverage existing standards
- ✓ Publish a vulnerability handling policy
- Engage with private sector to understand technical challenges, esp. potential consequences of actions
- ✓ Increase transparency on defensive and offensive capabilities and criteria for use
- ✓ Define and implement cybersecurity norms

Efficient and Effective Partnership

- ✓ Develop new engagement models to be both agile and appropriately inclusive
- ✓ Clearly scope to defensive cybersecurity purposes
- ✓ Focus on what is truly critical for cyberspace
- ✓ Define more specific outcomes
- ✓ Deliver, implement, iterate

Advancing Persistent Security Together





Synergistic roles

Risk management, information sharing, vulnerability handling, critical infrastructure protection, norms

Timely, demonstrable results

Transparency



Multi-stakeholder



Converging Interests



Innovative

