



Insurance Technology Forums 'IT Matters' – Secure Productivity

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How does Microsoft build the right cloud for Financial Services..

Comply

Meet your compliance needs when using our cloud services

Protect

Know that we are committed to the protection of your data in our cloud services

Control

Maintain control of your data in our cloud services

Transparency and Innovation

Understand what happens with your data in our cloud services



Compliance

A modern office interior with large windows and two people working at a table. The scene is bright and professional, with a focus on collaboration and productivity. The text is overlaid on the right side of the image.

Customers & Partners

Regulators & Legislators

Standards Bodies

Collaborative Approach to Compliance

General Compliance

Microsoft cloud services have the largest compliance portfolio in the industry

Technical	 ISO 27001	 SOC 1 Type 2	 SOC 2 Type 2	 PCI DSS Level 1	 Cloud Controls Matrix	 ISO 27018	 Content Delivery and Security Association	 Shared Assessments			
Vertical	 FedRAMP JAB P-ATO	 HIPAA / HITECH	 FIPS 140-2	 21 CFR Part 11	 FERPA	 DISA Level 2	 CJIS	 IRS 1075	 ITAR-ready	 Section 508 VPAT	
Global	 European Union Model Clauses	 EU Safe Harbor	 United Kingdom G-Cloud	 China Multi Layer Protection Scheme	 China GB 18030	 China CCCPF	 Singapore MTCS Level 3	 Australian Signals Directorate	 New Zealand GCIO	 Japan Financial Services	 ENISA IAF

GDPR

European data protection for the digital era



Better protection for personal data



- Microsoft working with the European Union to be GDPR Compliant across all data centers by beginning of 2018
- Regular periodic data protection audits for Cloud Vendors and Customers
- A fine up to 20,000,000 EUR or up to 4% of the annual worldwide turnover of the preceding financial year in case of an enterprise, whichever is greater
- Last year a retail bank in the UK was fined 2.3m pounds for data breaches. This could of been up to 2.9b pounds with GDPR



Regulator Right to Examine

Greater customer oversight of services via Compliance Program

- Access to control framework and services operations data
- Access to security incident reviews and threat evaluations
- Access to Microsoft security experts and external auditors
- Access to penetration testing reports
- Notification of changes that materially impact Microsoft's ability to provide the services

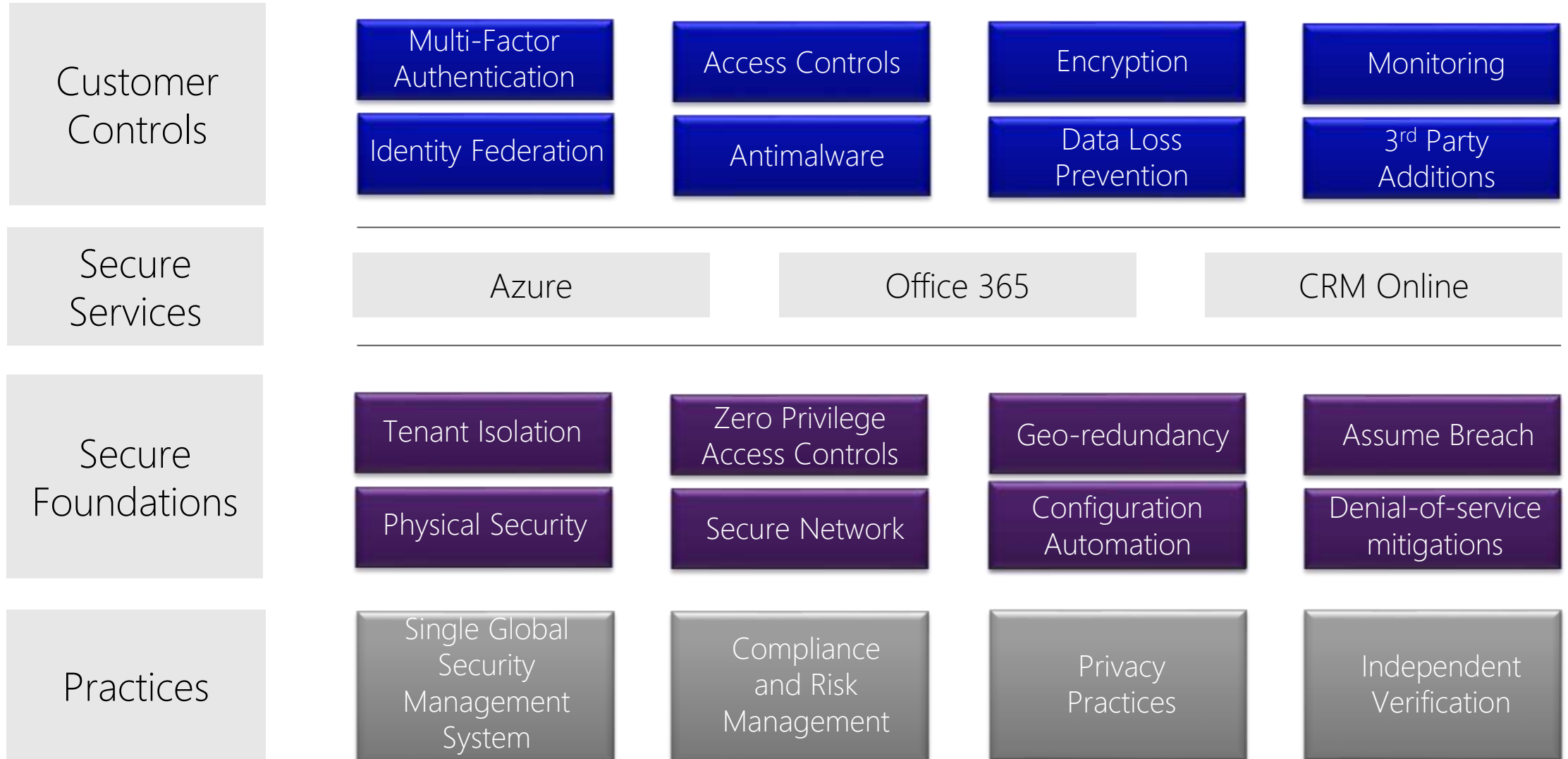
Customer ability to provide suggestions to influence additional controls

Microsoft Financial Services Compliance Program

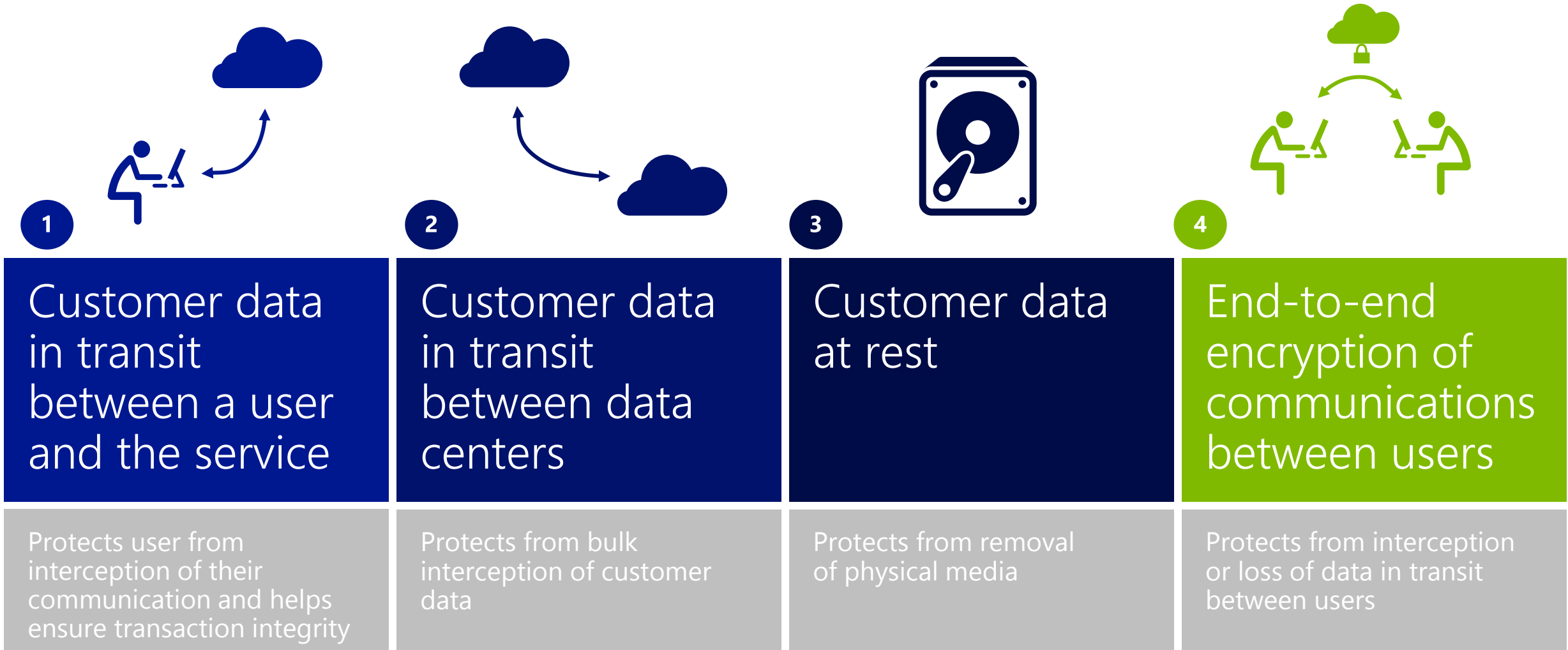


Protect

Microsoft Cloud Security Controls



DATA ENCRYPTION





Control

Customer Data



When a Financial Institution utilizes Microsoft's Cloud, they retain exclusive ownership of their data.

Control over data location



Customers choose data location and replication options.

Who has access



Tools support authorization based on a user's role, simplifying access control across defined groups of users.

Encryption key management



Customers have the flexibility to generate and manage their own encryption keys.

Control over data destruction



Deletion of data on customer request and on contract termination.



Innovate

DATACENTER SECURITY



Underwater data centres

Microsoft tests underwater data centre

🕒 2 February 2016 | Technology

🔗 Share



Microsoft has come up with a radical new way to store data - under the sea.

Testing of the firm's first underwater data centre - dubbed Leona Philpot after a character in an Xbox game - has just been completed in an initiative called Project Natick.

Data centres are believed to consume up to 3% of the world's electricity, according to researchers.



Customer Journey's

Enhancing responsiveness and improving collaboration for virtual teams

Challenge

- Improve the efficiency of collaboration between employees
- Enable its staff to work from home or from the office

Strategy

- Connected SharePoint to line-of-business systems to unify all client documentation
- Expanded Office 365 pilot companywide

Results

- Providing faster and better service to customers
- Saving several million USD annually— many times the initial investment
- Gained a competitive edge

“Office 365 enables our sales staff to access all of the necessary relevant data much more efficiently and more quickly, which means customers will receive better advice and make more informed decisions.”

—Frank Demonie, Senior Vice President and Chief Technology Officer, KBC



Careful approach to risk assurance and regulatory approval

Approach

- Great use of the Compliance Program, access to Microsoft experts
- Prepared detailed risk assessments
- Multiple discussions with regulators

Microsoft Support

- Control mapping, detailed explanation
- Direct engagement with primary regulator
- Local support in many countries

Results

- “No” objection from primary regulator, NBB
- Approvals in multiple European countries, Singapore and Hong Kong

“Lessons learned: involve legal, compliance, risk and audit from the very beginning.”

— Kurt Mees, IT Program Manager, KBC Group





Office 365 and
Enterprise
Mobility

Increasing challenges for CSOs

BYOD



Cloud



Compliance



Targeted
Attacks



Identity-
centric



// The privacy and security environment is becoming more complicated, more risky and more regulated every day, and is having a substantial impact on virtually every company.



Forbes, 2013

OUR INFORMATION PROTECTION PORTFOLIO

...ACROSS APPLICATION, DEVICES, INTEGRATED SERVICES

SECURITY

AAD MULTI-FACTOR AUTHORIZATION

DATA LOSS PREVENTION

ANTI SPAM, ANTI VIRUS

ADVANCED THREAT PROTECTION

MDM/MAM WITH INTUNE

ENCRYPTION—RMS, OME

COMPLIANCE

EDISCOVERY AND ANALYTICS

ARCHIVING & RETENTION

AUDITING

REGULATORY COMPLIANCE STANDARDS

Enterprise Mobility + Security

Identity and access management



Managed mobile productivity



Information protection



Identity-driven security



EMS
E5

Azure Active Directory Premium P2

Identity and access management with advanced protection for users and privileged identities

(includes all capabilities in P1)

Azure Information Protection Premium P2

Intelligent classification and encryption for files shared inside and outside your organization

(includes all capabilities in P1)

Microsoft Cloud App Security

Enterprise-grade visibility, control, and protection for your cloud applications

EMS
E3

Azure Active Directory Premium P1

Secure single sign-on to cloud and on-premises apps
MFA, conditional access, and advanced security reporting

Microsoft Intune

Mobile device and app management to protect corporate apps and data on any device

Azure Information Protection Premium P1

Encryption for all files and storage locations
Cloud-based file tracking

Microsoft Advanced Threat Analytics

Protection from advanced targeted attacks leveraging user and entity behavioral analytics