Establishing your Cybersecurity Strategy

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PDF Compressor Pro Top Technology Trends



Internet of Things



Integrated Devices & Ecosystems



Cloud Computing



Strategic Big Data



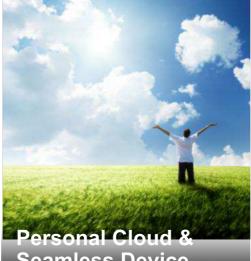
In-Memory Compute Actionable Analytics



Enterprise Risk Mgt. & Cybersecurity



Enterprise App Stores & HTML5 Growth



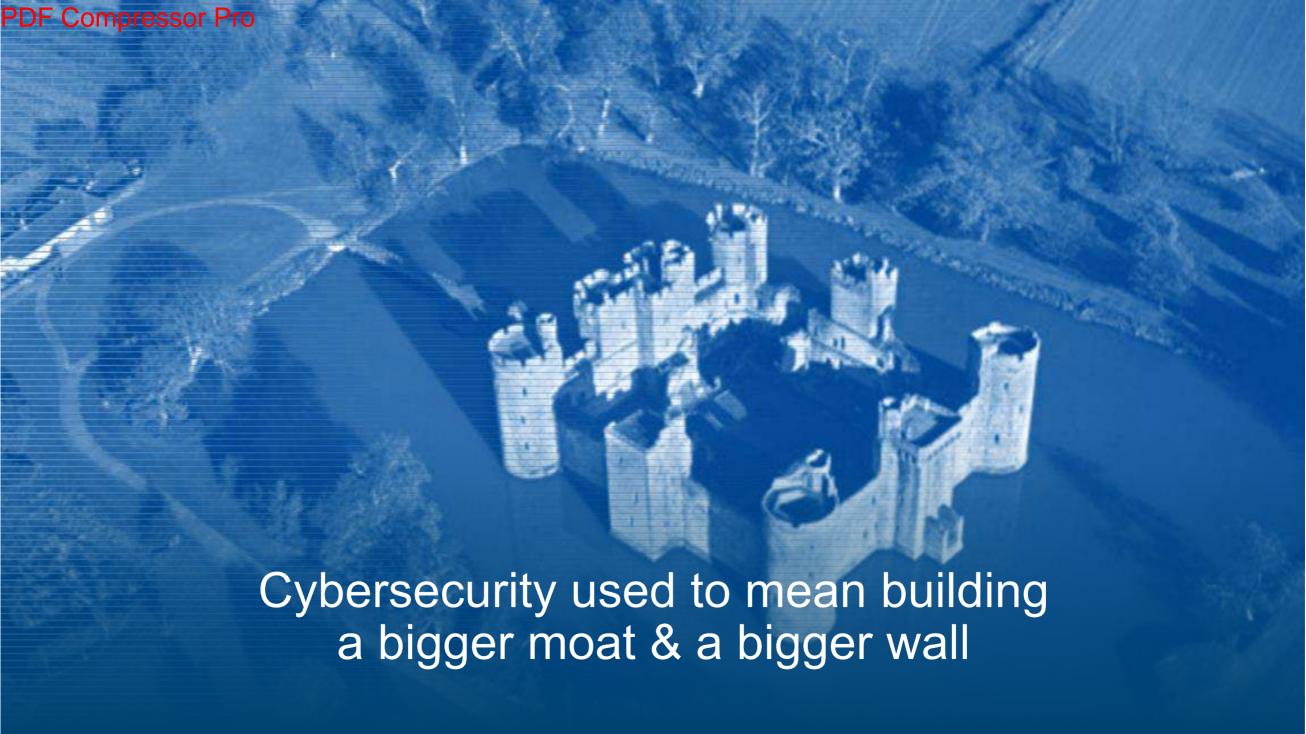
Seamless Device Exp.

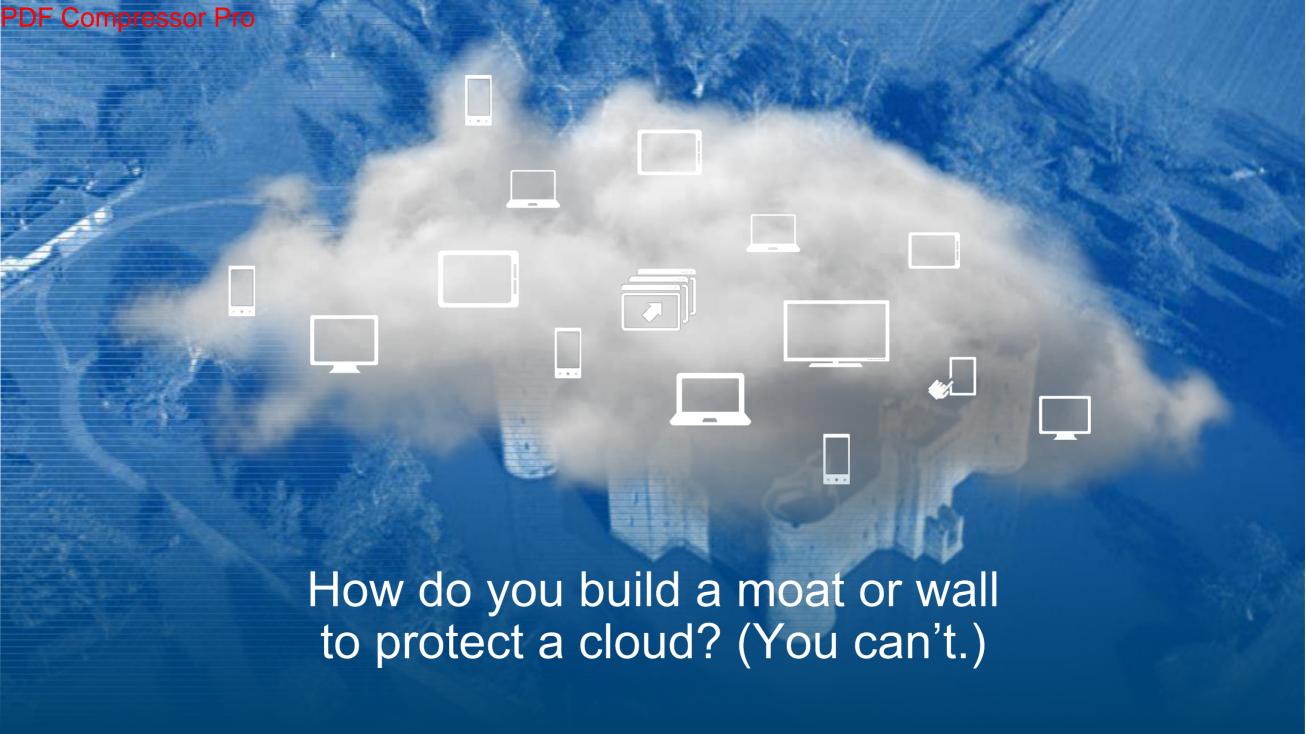


Business & Niche Social Computing



Wearable Technology & Natural U.I.





Complex Challenges

Driving need for new security approach

\$1 Trillion

Global cost of computer crime

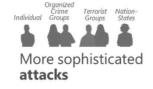
Malicious software



250% rise in Mobile Malware



Targeted attacks



more compromised records

Data theft & insider leaks



77 Million user accounts **stolen**



200,000 credit card accounts **stolen**

Cyber terrorism & hacktivism

90,000

email addresses stolen from US military contractor

24,000

files stolen from Pentagon

Threats & Actors: Moving from Fun to Cash

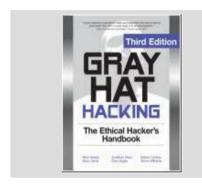
- Cyber-crime
- Cyber-espionnage

Those who don't know yet!

- Cyber-terrorism
- Cyber-war

There are 3 Categories of organizations, Those who have been attacked, know & reported Those who have been attacked, know & did not report

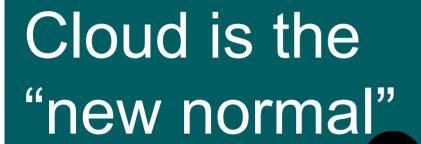








Identity Security



Growing use of cloud services requires a smart Security & Identity foundation.

Assess your cloud Security & Identity readiness

Define and deploy your cloud identity

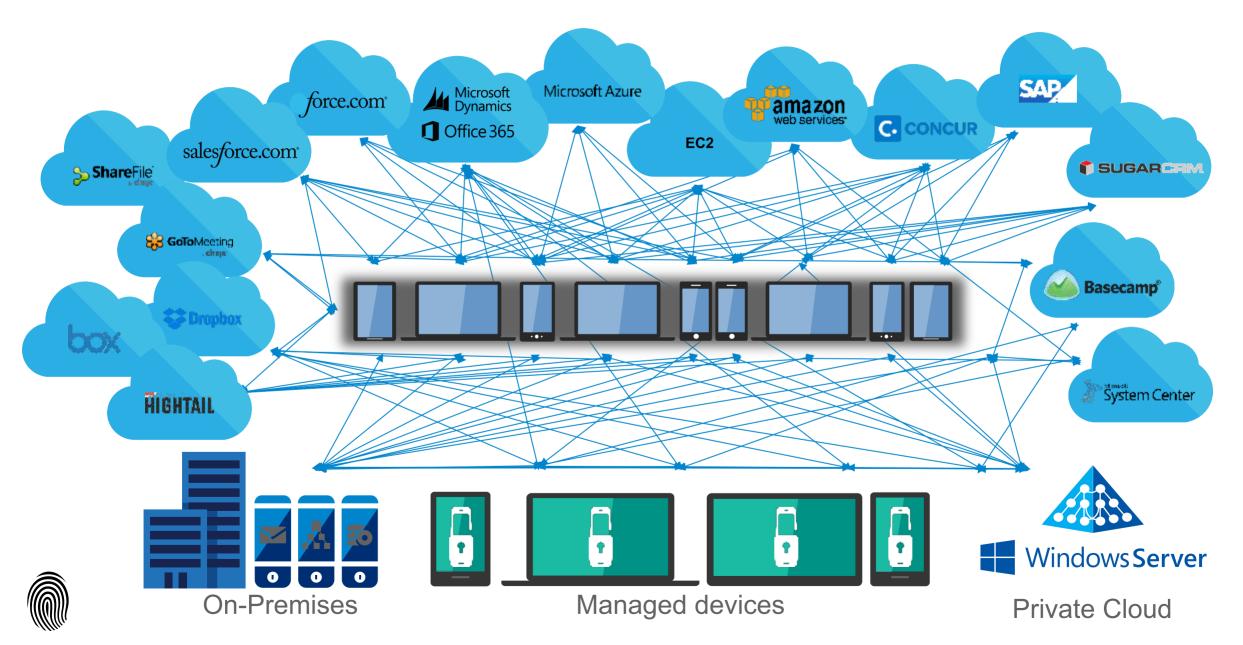
Implement the cloud security measures that fit your organization

policies
and
administration
model

Help **provide security** for
your cloud
administrators

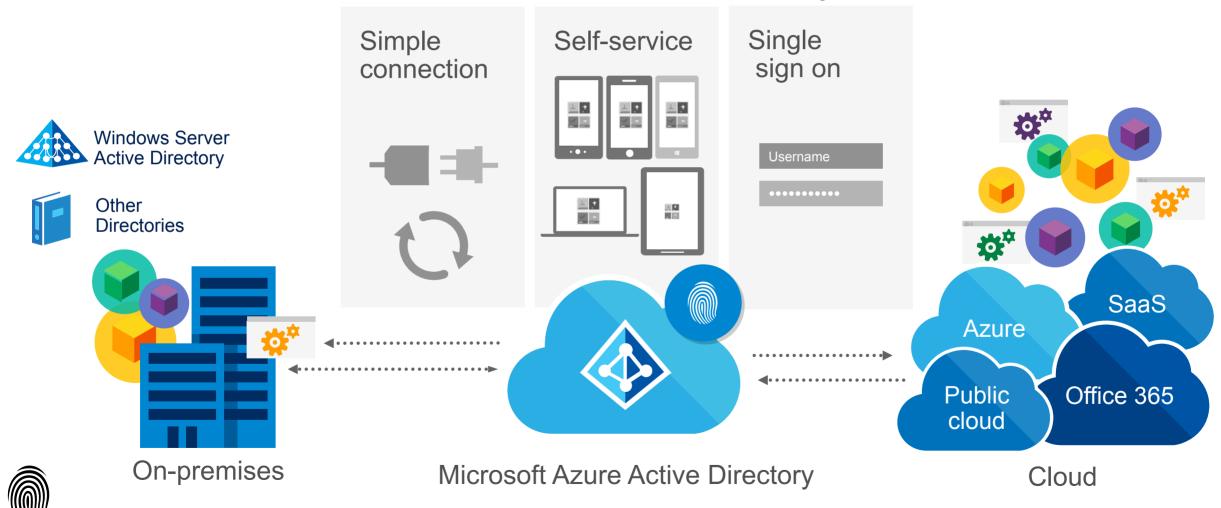
Build added security into your cloud workloads

The current identity reality...



Integrated Identity as the control plane

One common identity



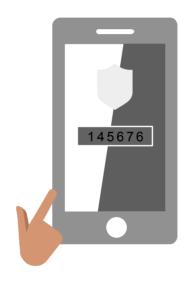
Identity Driven Security

Intelligent cloud



Machine learning
Security reports
Privileged Identity Management

App security



Conditional access

Multi-factor authentication

Cloud App Discovery

Detect threats



User behavioral analysis
Simple attack timeline



How Microsoft Advanced Threat Analytics works



Security issues and risks

- Broken trust
- Weak protocols
- Known protocol vulnerabilities





Malicious attacks

- Pass-the-Ticket (PtT)
- Pass-the-Hash (PtH)
- Overpass-the-Hash
- Forged PAC (MS14-068)

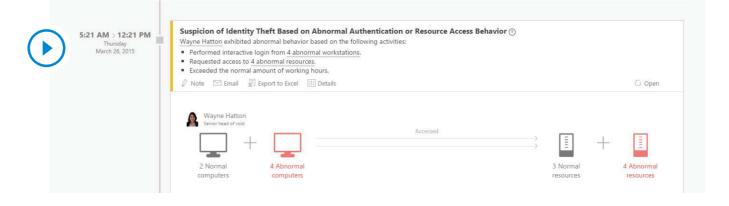
- Golden Ticket
- Skeleton key malware
- Reconnaissance
- BruteForce



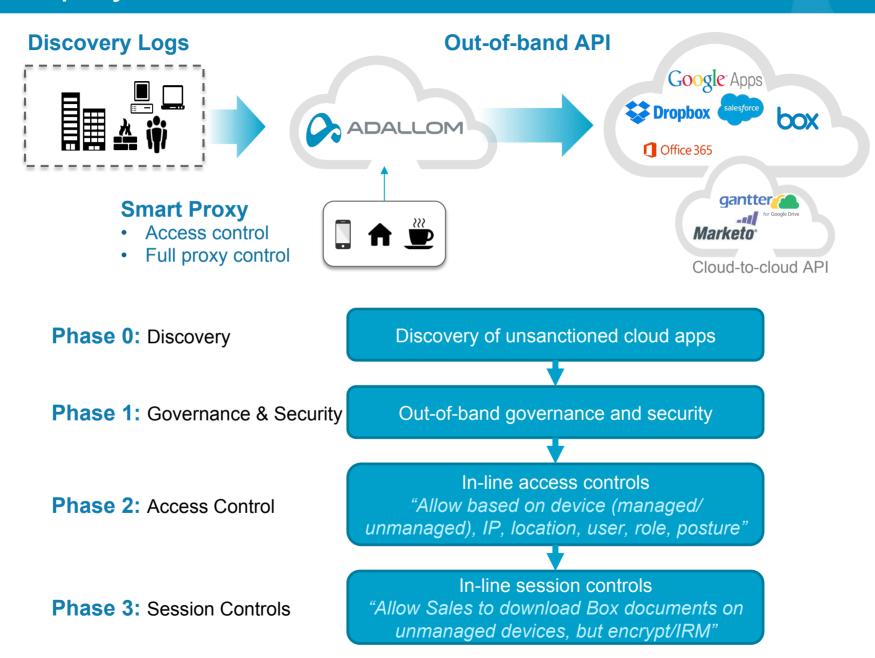


Abnormal Behavior

- Anomalous logins
- Remote execution
- Suspicious activity
- Unknown threats
- Password sharing
- Lateral movement



PDF Compressor Pro Deployment Overview



Mobility Solutions

Mobility is a game changer

In order for modern IT to provide controlled access to the right services while minimizing the risk of leakage, the very foundations of your identity and security systems must be adapted to mobile devices through innovative supplemental capabilities

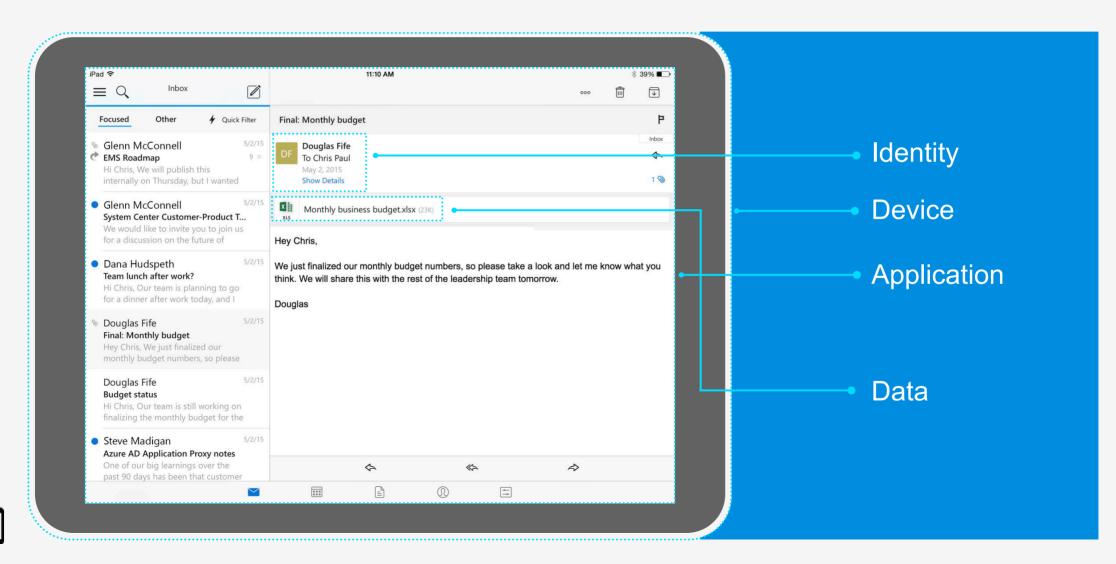
Define and deploy your mobile identity

Help secure your data that is in transit or is stored on devices

Deploy
More secure devices

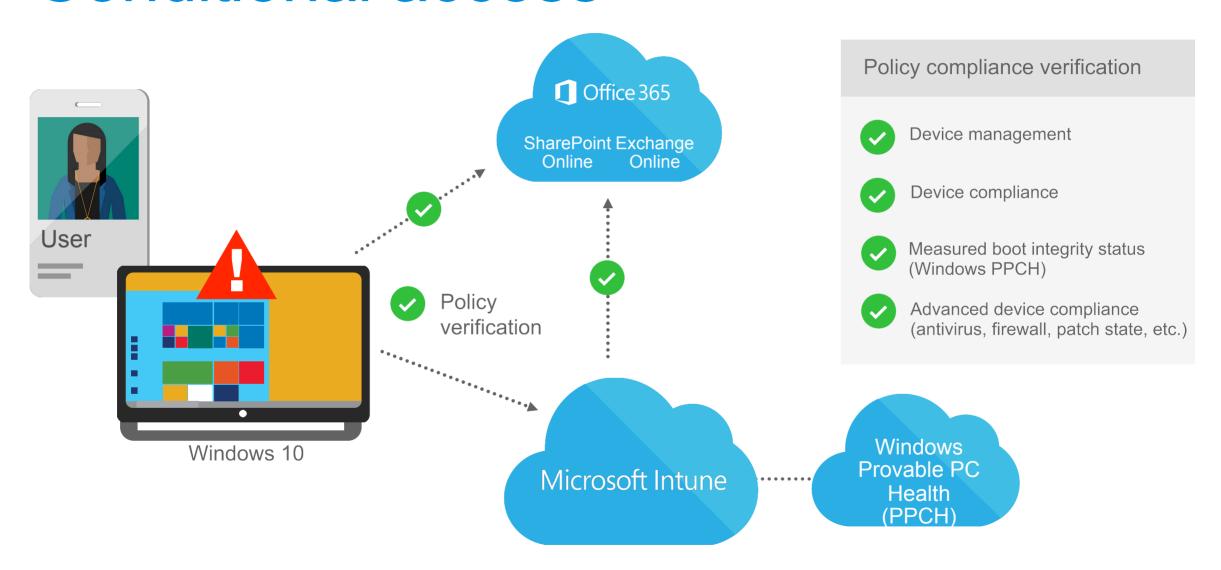
Manage your devices life cycle

Managed email and productivity

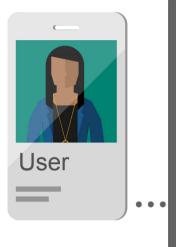


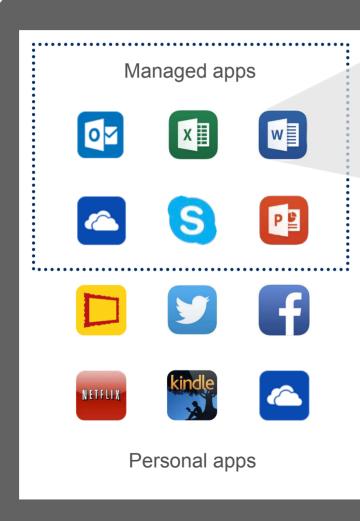


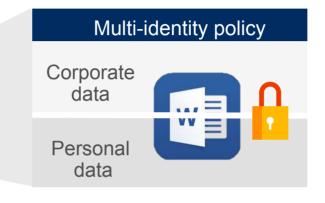
Conditional access



Mobile application management





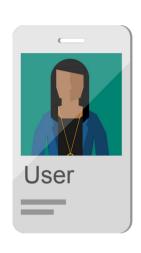


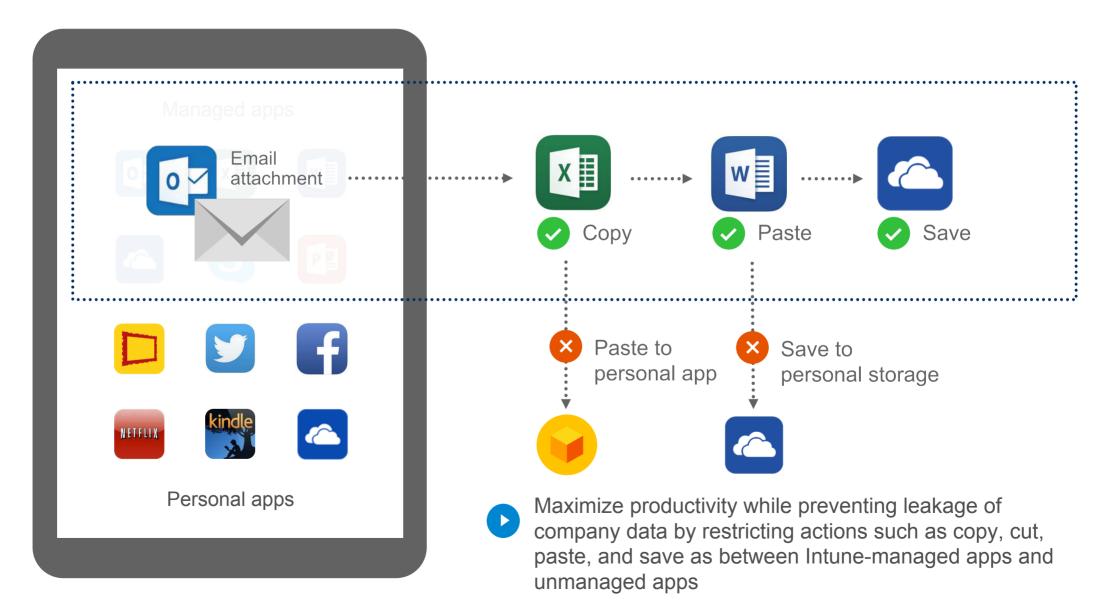


- Maximize mobile productivity and protect corporate resources with Office mobile apps including multi-identity support
- Extend these capabilities to your existing line-of-business apps using the Intune App Wrapping Tool
- Enable secure viewing of content using the Managed Browser, PDF Viewer, AV Player, and Image Viewer apps



Mobile application management







Information Protection

Information protection is at the nexus of the transformation

It is the solution to the diametrically opposed challenges of protecting intellectual property from rising threats and making it available from almost anywhere on any device.

Assess your critical data

Deploy secure devices for people who are processing data

Help **protect data** that is hosted on your infrastructure by using tailored solutions

Define and **apply security policies** to your data in motion

Concerns...



Azure Rights Management



Encryption



Access control



Policy enforcement



Document tracking







Email







Files







LOB apps



Share internally







Share externally (B2C)

On any device













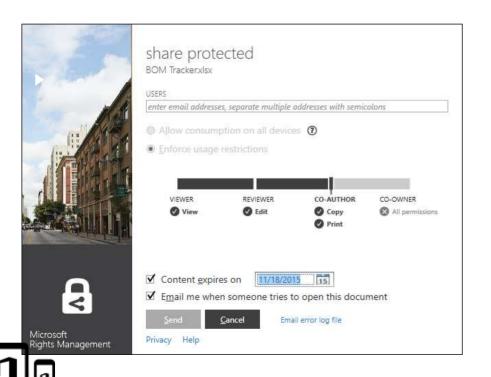
In any part of the world

- China
- Germany
- **APAC**



Encrypt files and data

- Protect ANY File
- Share with ANY Person



- View on ANY Device
- ▶ Track & Manage from the cloud

