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Share.
Learn.
Secure.

Capitalizing on
Collective Intelligence

How Microsoft IT "Does" Data Protection

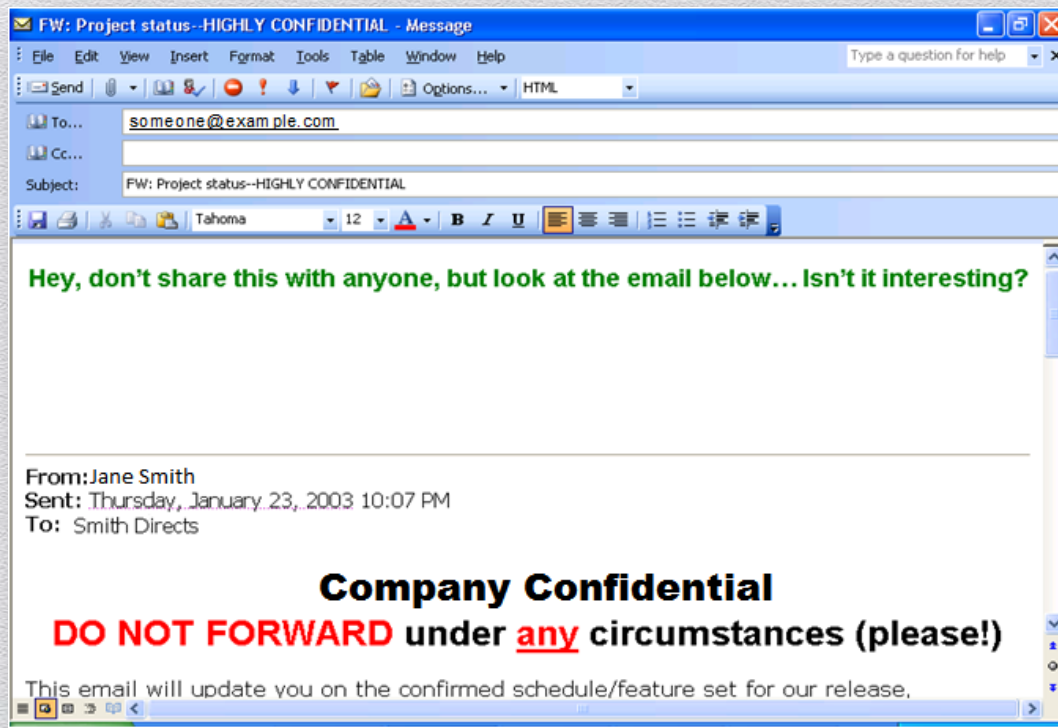
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How *NOT* To Protect Your Data



Data Protection: What We Want

- ◆ Protection at Rest
- ◆ Protection in Transit
- ◆ Protection in Use
 - ◆ Bonus: ...even when the data is moved (email to thumb drive)
 - ◆ More Bonus: ...even when I share it with a partner
 - ◆ More Bonus Still: ...even when I move it to the Cloud

Data Protection at Rest

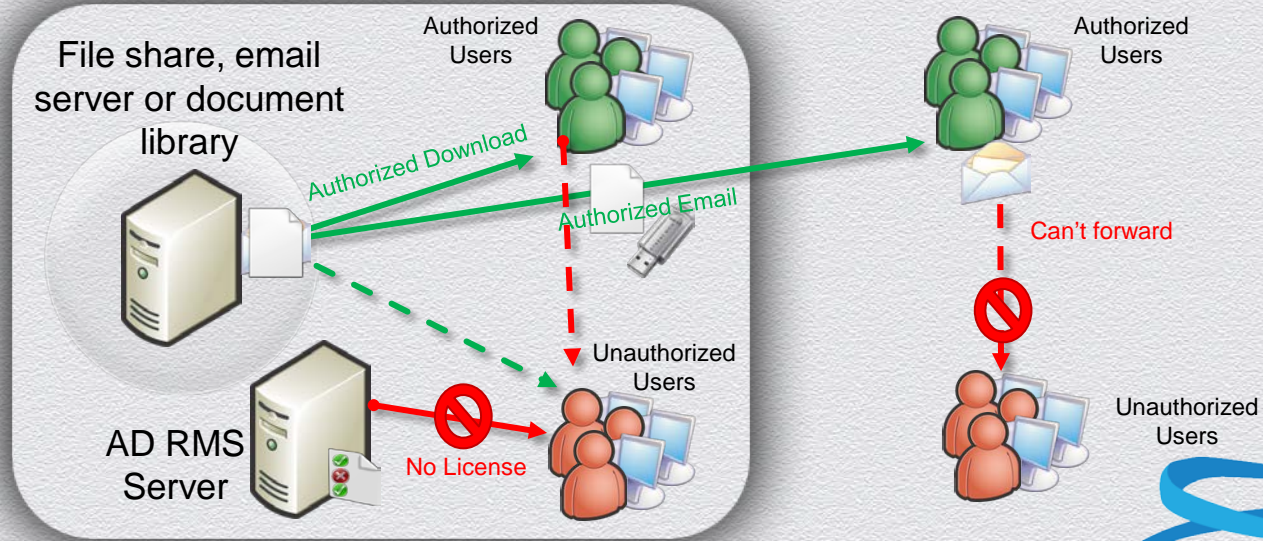
- ◆ File- or folder-level encryption
 - ◆ NTFS Encryption, Encrypted File System (EFS)
- ◆ Whole disk encryption
 - ◆ BitLocker
 - ◆ BitLocker-to-Go

Data Protection in Transit

- ◆ SSL/TLS
- ◆ IPSec – Server & Domain Isolation
- ◆ Office 365 Message Encryption
- ◆ Microsoft Rights Management Services (RMS)

Data Protection in Use

- ◆ Policy stays with the file, provides continuous protection against:
 - ◆ Unauthorized access
 - ◆ Misuse or unauthorized sharing by legitimate users



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Thank You!

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Resources

Resources

- ◆ Microsoft IT Showcase: <http://technet.microsoft.com/en-us/video/it-showcase.aspx>
- ◆ Server & Domain Isolation: <http://technet.microsoft.com/en-us/network/bb545651.aspx>
- ◆ RMS Training Videos (produced by Synergy Advisors)
 - ◆ Introduction: http://www.youtube.com/watch?v=P_XJmscXlfo
 - ◆ Technical Overview: <http://www.youtube.com/watch?v=DsVL9Ndf5oE>
 - ◆ Protect Any File: <http://www.youtube.com/watch?v=A59-PjLltx8>
- ◆ Information Protection on “Channel 9”: <http://channel9.msdn.com/Series/Information-Protection>