

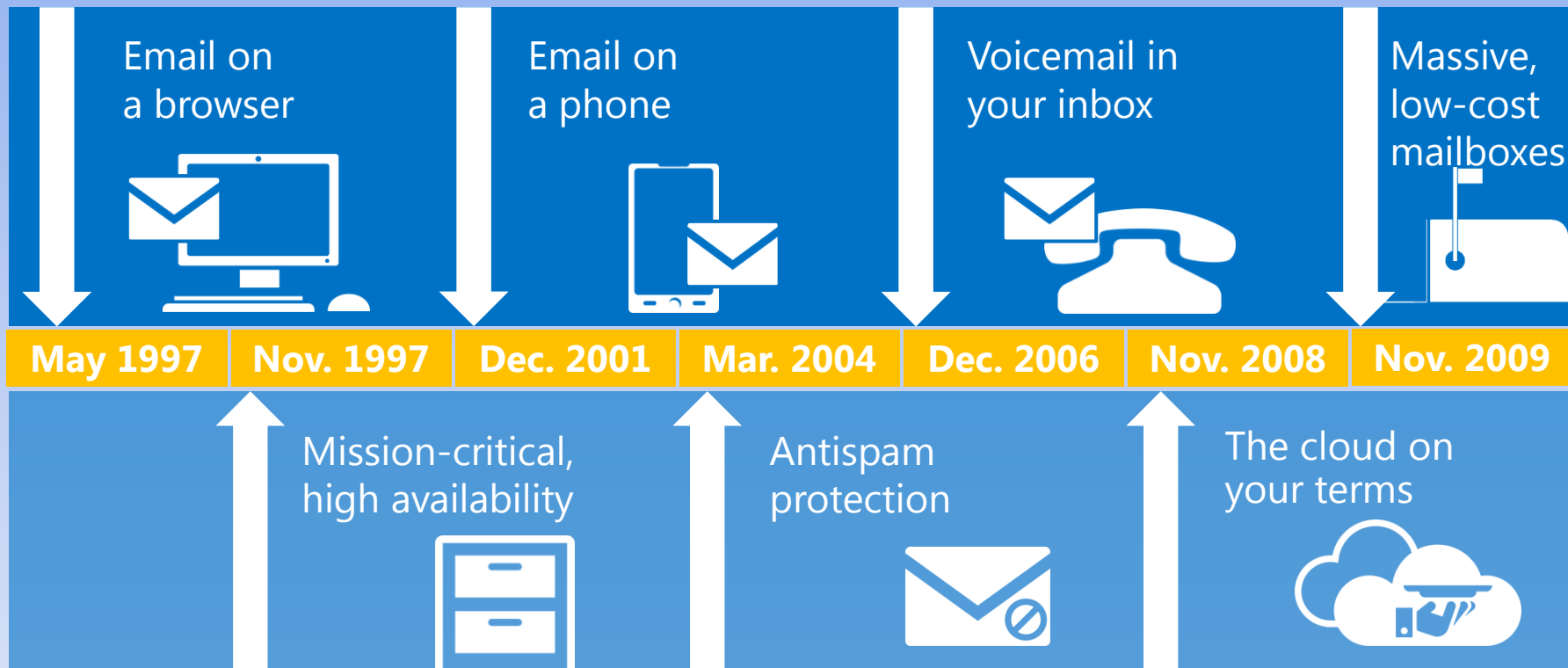
The new Exchange

Work Smarter, Anywhere.

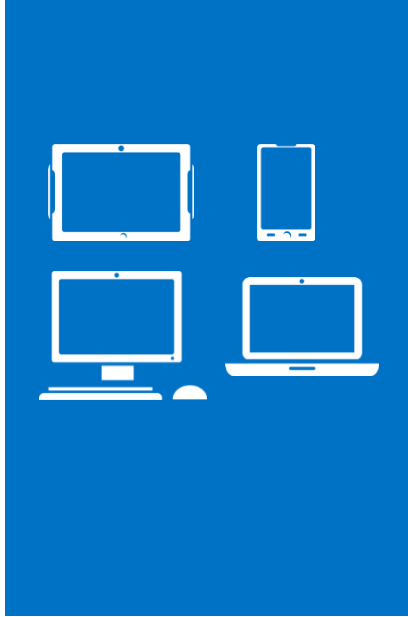


Microsoft®
Exchange

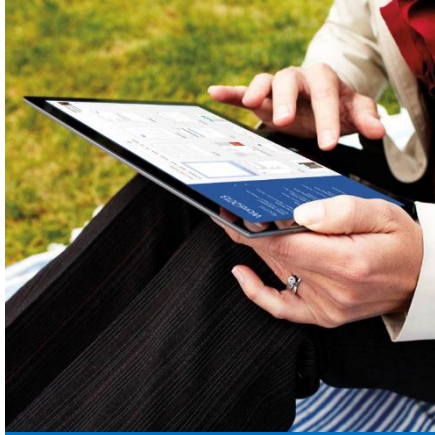
Being ahead of the curve



A world of communication challenges



Introducing | Your Modern Office



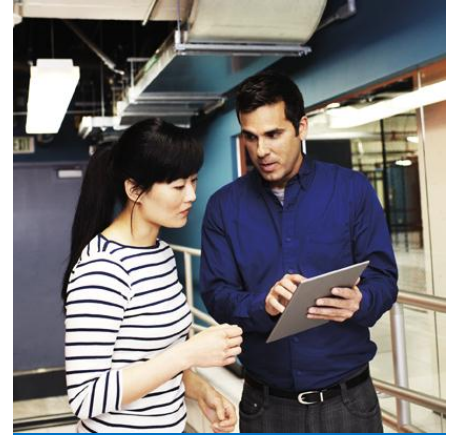
Devices



Cloud



Social



Control



Exchange —Work Smarter, Anywhere.



Remain in control, online,
and on-premises

Exchange enables you to tailor your solution based on your unique needs and ensures your communications are always available while you remain in control; on your own terms—online, on-premises, or a hybrid of the two.



Do more,
on any device

Exchange helps your users be more productive by helping them manage increasing volumes of communications across multiple devices and work together more effectively as teams.



Keep the
organization safe

Exchange keeps your organization safe by enabling you to protect business communications and sensitive information and to meet internal and regulatory compliance requirements.

What's New in Exchange 2013 Preview

- Support a multigenerational workforce (social integration)
 - Merge contacts from several sources in to single view
- Integrate with Sharepoint and Lync
 - Lync archive content in E2013 preview and use E2013 preview as contact store
- Evolving compliance needs
- Provide a resilient solution

Exchange 2013 Preview System Requirements

- Preview not supported with coexistence scenarios
- OS support – Windows Server 2008 R2 or Windows Server 2012
- Client support – Outlook 2013 preview, Outlook 2010 SP1, Outlook 2007 SP3, Outlook for MAC 2011
- AD support – Windows Server 2008/R2 or 2012
- Virtualization support – roughly same guidelines as 2010

Exchange Administration Center

- E2010 – 3 ways to manage (ECP, EMC ,EMS)
- EAC combines EMC + ECP functionality but extends to add things like PF management, notifications

Exchange 2013 Preview Architecture

- CAS and Mailbox – loosely coupled
 - There are now only 2 roles (CAS and Mailbox)
 - CAS – two different components – CAS service and FE Transport service
- Version upgrade flexibility
 - No more rigid upgrade requirements. A Client Access server can be upgraded independently and in any order in relation to the Mailbox server.
- Geo-flexibility
 - Can now have central client access site, no need for CAS & Mailbox in each site
- RPC over HTTPs is now direct access protocol
 - RPC direct access is no longer supported protocol
 - Clients no longer need to connect directly to server FQDN

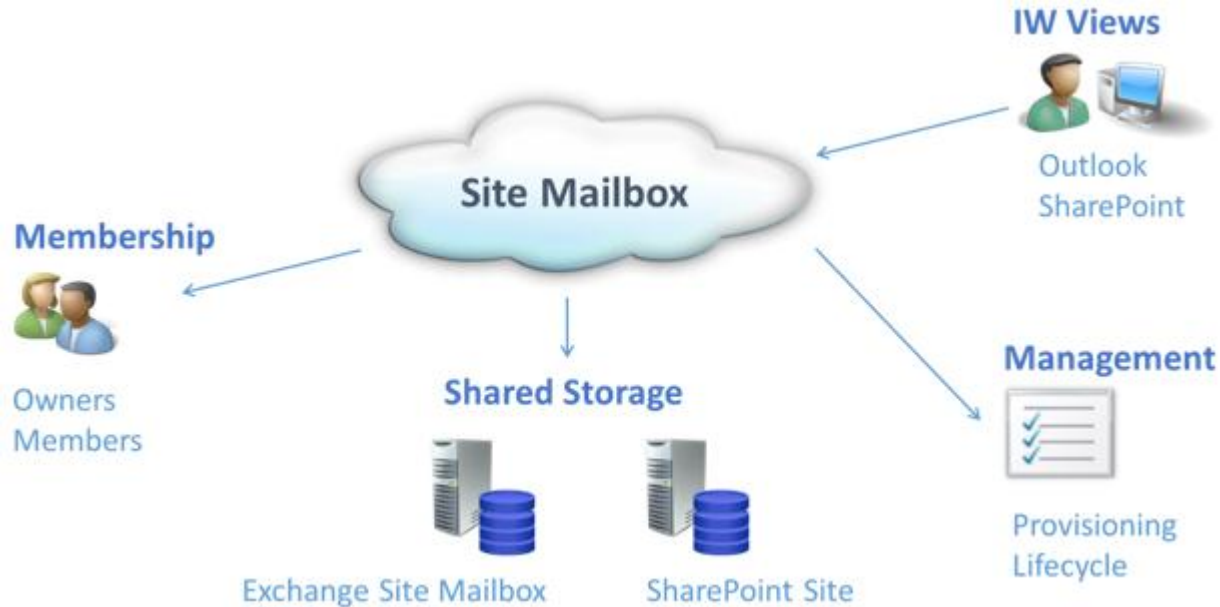
Exchange 2013 Preview Architecture

- High Availability – still DAG
 - Improved failover times – improved tlog code and checkpoint on passives
 - Exchange Store – re-written in managed code – under own process
 - Store is integrated with FAST search (used in SPS 2013) for indexing
 - Manage DAG with EAC
- Data Loss Prevention (DLP)
 - Protect sensitive data and inform users of internal compliance policies
- Improvements to archiving, retention, eDiscovery
 - eDiscovery search across Exchange, SPS 2013, Lync 2013
 - Search across primary and archive mailboxes in OWA
 - In-Place hold (time based, indefinite based, query based)

Sharing/Collaboration

- Public Folders
 - Yes, they are still there! But, there is no longer a PF DB!
 - Now take advantage of DAG – move away from multi-master to single master
 - Store is integrated with FAST search (used in SPS 2013) for indexing
 - Manage DAG with EAC
- Site mailboxes
 - New in E2010 Preview, allow access to both docs in Sharepoint site and email messages in Exchange mailbox
 - SPS site membership + shared storage through Exchange mailbox

Site Mailboxes – Exchange + Sharepoint



Collaborate with your team

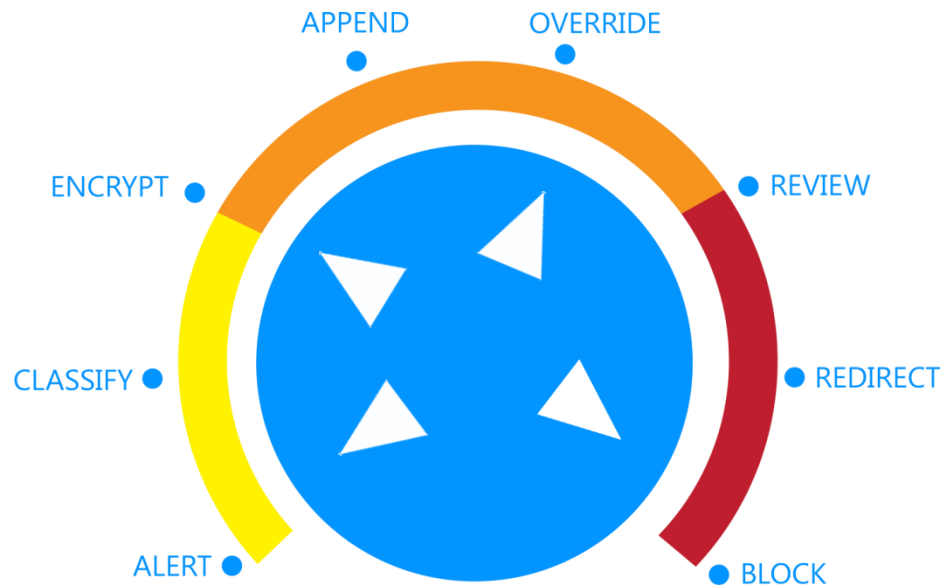
Team alias keeps communications tracked

The screenshot displays the Microsoft Outlook 15 (Technical Preview) interface. The left sidebar shows the 'FAVORITES' section with 'Inbox 5' and 'SARAD@CONTOSO.COM' (Inbox 5). Below these are various folders like Financial, Northwind Traders, Recreation, and Tailspin Toys. The 'PROJECT EAGLE' section is highlighted, showing 'Inbox', 'Deleted Items', 'Documents 2', and 'Junk Email'. The main pane shows a list of emails, including one from 'Project Eagle' dated Fri 6/8/2012 12:00 PM. The right pane shows a detailed view of the 'Project Eagle' email, including the sender 'Sara Davis' and the subject 'The team mailbox named "Project Eagle" has been created'. Below the email view, a 'Shared Documents' section is visible, listing documents like 'Collaboration Report.docx', 'Northwind Acquisition Proposal.docx', 'Northwind Acquisition Outline.pptx', 'Northwind Financials.xlsx', 'Northwind CEO.jpg', and 'Northwind Acquisition Proposal.pdf'. A status bar at the bottom indicates 'ITEMS: 65 UNREAD: 5'.

Single folder to access Email & documents

Documents stored in SharePoint

Protect your communications



Empower your users to be compliant

Travel Profiles - Message (HTML)

add sensitive information type

FILE MESSAGE INSERT OPTIONS FORMAT TEXT REVIEW

Cut Copy Paste Format Paint Clipboard

Policy Tip: This message may contain sensitive information. This message may contain the following sensitive information types:

- Credit Card Number

You can report that this message contains sensitive information.

[Learn more](#) about your organization's policy on sensitive information.

I have received updates from the following contacts:

name	type	publisher
ABA Routing Number	Entity	Microsoft Corporation
Canada Driver's License Number	Entity	Microsoft Corporation
Canada Social Insurance Number	Entity	Microsoft Corporation
Credit Card Number	Entity	Microsoft Corporation
EU Debit Card Number	Entity	Microsoft Corporation
France Driver's License Number	Entity	Microsoft Corporation
France National Identification Number (IN...	Entity	Microsoft Corporation
German Driver's License Number	Entity	Microsoft Corporation
German Passport Number	Entity	Microsoft Corporation
IBAN for France	Entity	Microsoft Corporation
Japan Bank Account Number	Entity	Microsoft Corporation
Japan Driver's License Number	Entity	Microsoft Corporation

Harel, Eran
Visa: 4111 1111 1111
Expires: 12/2013

Pica, Guido
MasterCard: 5111-1
Expires: 11/2013

Please update their travel profiles accordingly

A PolicyTip notifies you of a policy violation while composing an email

Comprehensive view of DLP policy performance

outbound DLP summary ⓘ

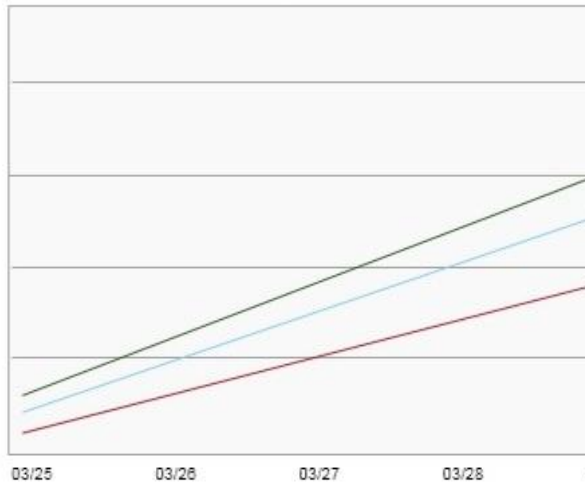
domain:

Contoso.com

DLP policy:

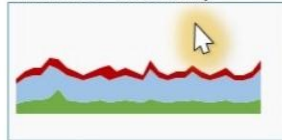
All

■ Detections ■ Overrides ■ False Positives

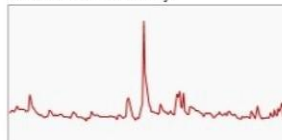


1w 2w 30d 60d

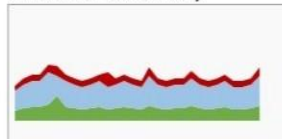
outbound DLP rule summary



inbound DLP summary



inbound DLP rule summary



top outbound DLP

DLP POLICY	DETECTIONS	OVERRIDES	FALSE POSITIVES
HIPPA	187	100	5
PCI-DSS	165	150	10
GLBA	55	30	6

Unified eDiscovery

Use proximity searches to understand context

Name *

Financial Audit

Query

(investor NEAR(30) relations OR financial*)

[Search syntax and tips](#)

Start Date:

End Date:

Author/Sender:

Enter names or email addresses...

[Advanced Query Options](#)

Fine tune complex queries

Sources [\(Modify Query Scope\)](#)

Name	Items	Size
Sally Beck	3,573	1,016.18 MB
Team	147	31.55 MB
FY2012 Annual Report VTeam	4	67.50 KB
Geoffrey Storey	84	27.06 MB
Matthew Motley	74	25.97 MB
Total:	5,975	1.22 GB

Query Statistics

+ (investor NEAR(30) relations OR financial*)	5975
+ (investor NEAR(n=30) relations)	7
+ financial*	327
+ investor OR financial*	328
+ relations OR financial*	349

Get instant statistics

Exchange SharePoint

About 5,813 results
Subject

Message Type

- ☒ Email
- ☐ Contacts
- ☐ Meetings

hr division profit and loss.xlsx - Upload failed
hr division profit and loss.xlsx - Upload failed
hr division profit and loss.xlsx - Upload failed
hr division profit and loss.xlsx - Upload failed
Conversation with Geoffrey Storey

Recipients

Sally Beck
Sally Beck
Geoffrey Storey

Sender

Sally Beck
Sally Beck
Sally Beck
Sally Beck

Query results across Exchange, Lync & SharePoint

6/4/2012

Laser focused refiners to help find the data you need

Client and Mobile Devices

- Outlook Web App
 - Optimized for tables and smartphones ☺
 - Supported browsers: <http://technet.microsoft.com/en-us/>
- For screens found on laptops or larger devices, OWA projects a UI optimized for mouse and keyboard input. We refer to this mode as Desktop.
- For tablet size screens, OWA projects a UI optimized for touch input. We refer to this as touch-wide
- For phone size screens, OWA projects a narrower UI for touch. This is touch-narrow.
- Offline Support – HTML5 offline based offline support – IE 10+, Chrome 17, Safari 5



Increase your insight

service health planned maintenance

current status



Last refreshed: 1:40 PM, July 31, 2012

SERVICE	TODAY	JUL 30	JUL 29	JUL 28	JUL 27	JUL 26	JUL 25
Exchange Online ▲							
E-Mail and calendar access	✓	i	✓	✓	✓	✓	✓
E-Mail timely delivery	✓	✓	✓	✓	✓	✓	✓
Management and Provisioning	✓	✓	✓	✓	✓	✓	✓
Sign-in	✓	✓	✓	✓	✓	✓	✓
Voice mail	✓	✓	✓	✓	✓	✓	✓
Identity Service ▲							
Administration	✓	✓	✓	✓	✓	✓	✓
Sign-In	✓	i	✓	✓	✓	✓	✓
Lync Online ▼	✓	✓	✓	✓	✓	✓	✓
Office 365 Portal ▲							
Administration	✓	✓	✓	✓	✓	✓	✓
Portal	✓	i	✓	✓	✓	✓	i
Office Subscription ▼	✓	✓	✓	✓	✓	✓	✓
Rights Management Service	✓	✓	✓	✓	✓	✓	✓
SharePoint Online ▼	✓	✓	✓	✓	✓	✓	✓

- ✓ Normal service availability
- ! Service degradation
- ✗ Service interruption
- i Additional information
- ✓ Normal service restored

Smart monitoring, telemetry, and analytics
to improve your users' experience

Microsoft®
Exchange

Plan your upgrades

The screenshot displays the Office 365 Admin Center interface. The left-hand navigation pane includes links for Recipients, Permissions, Compliance Management, Organization (which is currently selected), Protection, Mail Flow, Mobile, Public Folders, and Unified Messaging. The main content area is titled 'upgrade schedule' and contains the following text: 'introduction upgrade schedule option to pilot', 'Here you have the option of selecting a "move window" typically one week in length... note the size of your organization today is taken into account when calculating your approximate "window"...', and 'Your move is currently scheduled for the....'. Below this text is a link for 'Week of December 7'. A horizontal timeline slider is shown with four segments: 'November 31', 'December 7' (highlighted in blue), 'December 14', and 'December 21' (with a hand cursor pointing to it). Navigation arrows are located below the timeline. On the right side of the interface, there are two sections: 'notifications' with the text 'new features this month' and 'upgrades begin in 24 days', and 'upgrade status' with the text 'not started..'. The top of the window shows the Office 365 logo, navigation tabs (Outlook, Calendar, People, Newsfeed, SkyDrive, Sites, Admin), and the user's name 'Ankur Kothari'.

Scheduled, fast, seamless
upgrades to ease onboarding

Test out upcoming features

The screenshot shows the Office 365 Admin Center interface. The left sidebar contains navigation links: Recipients, Permissions, Compliance Management, Organization (selected), Protection, Mail Flow, Mobile, Public Folders, and Unified Messaging. The top navigation bar includes Outlook, Calendar, People, Newsfeed, SkyDrive, Sites, and Admin. The main content area is titled 'option to pilot' and contains the following text: 'Here you have the option of selecting a group of users to Pilot the **November Service Refresh**, this is an opportunity to validate new functionality in advance of your scheduled upgrade date which is currently scheduled for the [Week of December 21](#)'. Below this text are two columns: 'Users with Option to Pilot' and 'Current Pilot Group'. The 'Users with Option to Pilot' column lists: Bob Kelly, Flip Rehorik, Laura Steele Polly, Rafel Rumian, Rene Valdes, and Sanjay Shah. The 'Current Pilot Group' column lists: Howard GonZalez, Isabel Martins, and Jay Henningson. Between the two columns are two buttons: 'Add ->' and '< - Remove'. On the right side of the page, there are two sections: 'notifications' with the text 'new features this month upgrades begin in 38 days 1 of 3 pilot users have ...' and 'upgrade status' with the text 'not started..'. The top right corner shows the user 'Ankur Kothari' and settings icons.

Office 365 Outlook Calendar People Newsfeed SkyDrive Sites ... Admin Ankur Kothari

introduction upgrade schedule **option to pilot**

Here you have the option of selecting a group of users to Pilot the **November Service Refresh**, this is an opportunity to validate new functionality in advance of your scheduled upgrade date which is currently scheduled for the [Week of December 21](#)

Users with Option to Pilot

- Bob Kelly
- Flip Rehorik
- Laura Steele Polly
- Rafel Rumian
- Rene Valdes
- Sanjay Shah

Current Pilot Group

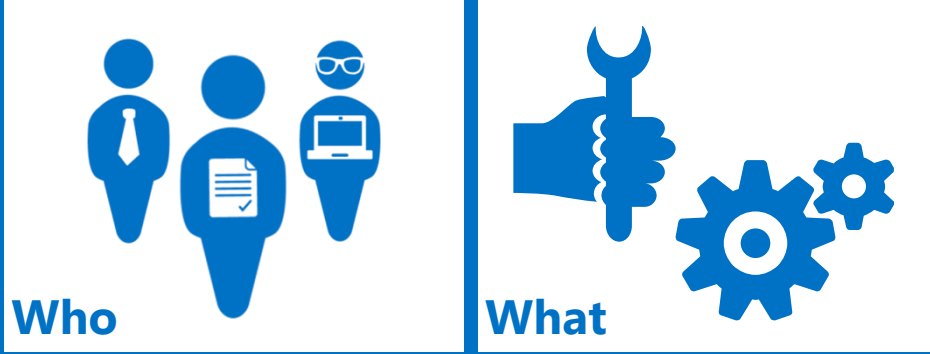
- Howard GonZalez
- Isabel Martins
- Jay Henningson

notifications
new features this month
upgrades begin in 38 days
1 of 3 pilot users have ...

upgrade status
not started..

Support for upgrade roll-backs
and previews

Role-based access control



Where



Cloud ready

Enterprise-grade reliability and standards

ISO 27001, SSAE16, FERPA, HIPAA, FISMA & EU Model clauses

Replicated in geo-redundant datacenters to protect against datacenter wide failures

Risk mitigation with multi-dimensional approach to help safeguard services and privacy of data

Backed by a 99.9% financially backed service level agreement



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A new look

Minimized ribbon is just one touch away

Touch Mode adds more space and finger-friendly Quick Actions

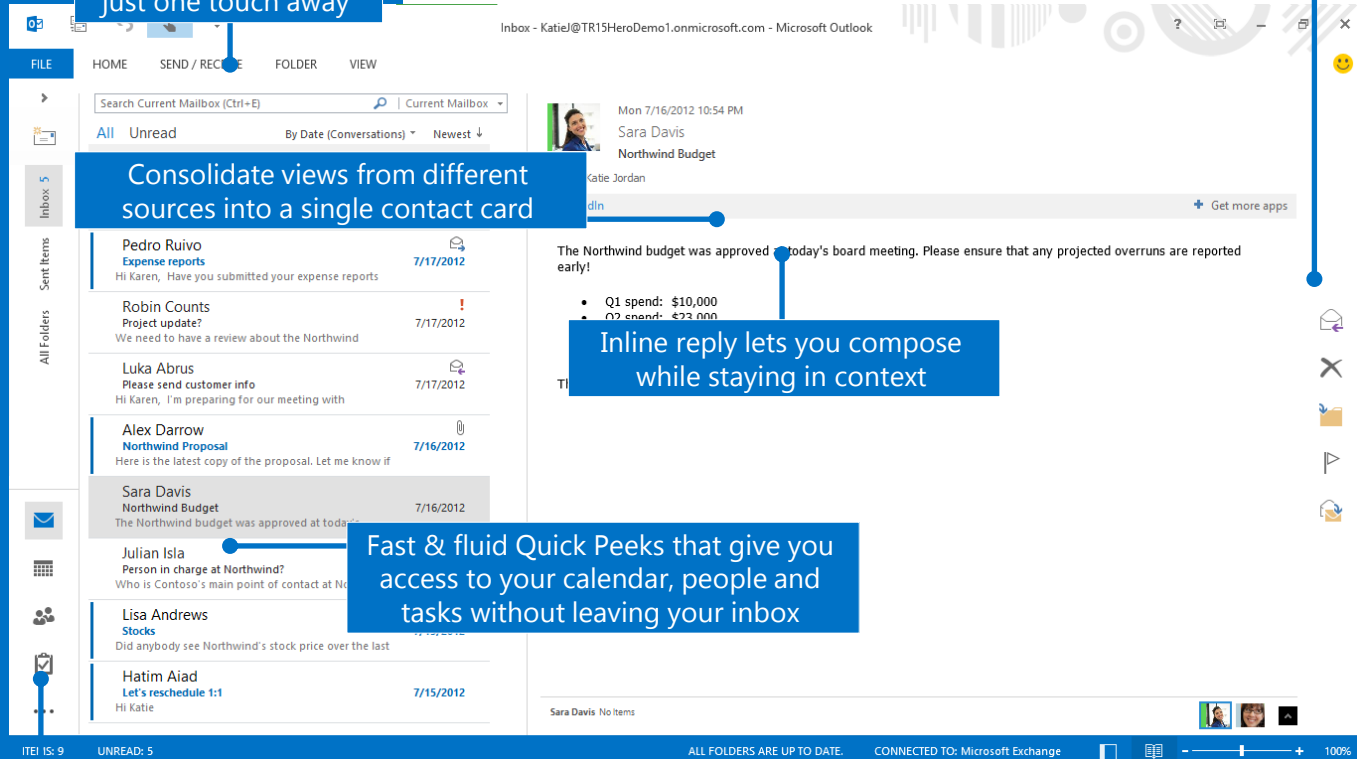
Consolidate views from different sources into a single contact card

Inline reply lets you compose while staying in context

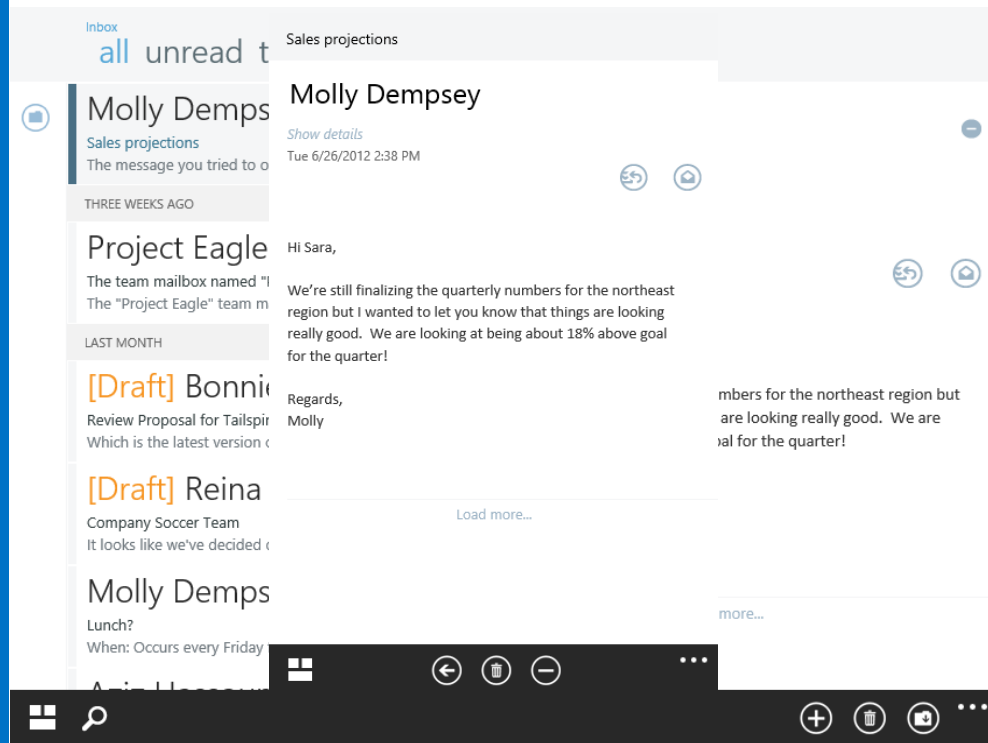
Fast & fluid Quick Peeks that give you access to your calendar, people and tasks without leaving your inbox

Improved navigation bar for quick access while taking less space

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Stay connected and protected on the go



Customize your Outlook

Office

Sign in | United States

HOME PRODUCTS SUPPORT IMAGES TEMPLATES **STORE (BETA)**

Search for apps

Apps for Outlook 2013

All products

Excel

Word

Outlook

SharePoint

Looking for Office Add-ins? Check out our partner selection

Explore the new world of apps for Outlook

Learn More

LinkedIn App for Outlook

Try it

Want apps for Office? Try Office Preview

Featured Apps

LinkedIn for Outlook

★★★★★ (2)

LinkedIn Corporation

Outlook Web App

FREE | Add

Hertz Car Rental (Beta)

★★★★★ (0)

The Hertz Corporation

Outlook Web App

FREE | Add

Groupby by PowerInbox

★★★★★ (0)

ioRevolution Inc.

Outlook Web App

FREE | Add

Twitter by PowerInbox

★★★★★ (0)

ioRevolution Inc.

Outlook Web App

FREE | Add

LiquidSpace Workspace Booking

★★★★★ (0)

LiquidSpace

Outlook Web App

FREE | Add

Securely give access to apps

Management interface

Office 365

Outlook Calendar People Newsfeed SkyDrive Sites ... Admin Ankur Kothari ?

Recipients
Permissions
Compliance Management
Organization
Protection
Mail Flow
Mobile
Public Folders
Unified Messaging

Sharing Apps

Apps can bring additional functionality to your Outlook Web App experience. Apps let your users do and see more without leaving their mailbox. The following list shows apps that have been installed for the organization. Find more apps on Office.com...

NAME	PROVIDER	ORG ENABLED	USER DEFAULT	PROVIDED TO
Bing Maps	Microsoft	true	Enabled	Everyone
Suggested Appoint...	Microsoft	true	Enabled	Everyone
Action Items	Microsoft	true	Enabled	Everyone
DocuSign	DocuSign	true	Disabled	Everyone
LinkedIn	LinkedIn	true	Disabled	Everyone
Twitter by PowerInbox	PowerInbox	true	Disabled	Everyone
Hertz Car Rental (Bet...	Hertz Corporation	true	Disabled	Everyone

1 selected of 7 total

Bing Maps
Version: 1.0
Created by: Microsoft

Map addresses found in your email.

Disable

This app is installed by default. It can't be uninstalled.

Permissions: Restricted
When the user clicks this app, the app will be able to access limited information about the associated message, such as phone numbers, postal addresses, or URLs in the message body or subject.

Privacy and deployment scopes to make sure
that only authorized individuals can use
applications

Microsoft®
Exchange

Stop Malware

General

► Settings

Malware Detection Response

When malware is detected in any attachment, select whether to block the entire message or to delete all message attachments.

☒ Block the entire message

☐ Delete all attachments and use default alert text

☐ Delete all attachments and use custom alert text

*Custom alert text:

Notifications

Sender Notifications

Sends a message to the sender of the undelivered message.

☐ Notify internal senders

☐ Notify external senders

Sender notifications

Sends a message to the administrator of the undelivered message.

☐ Notify administrator for undelivered messages from internal senders

Administrator email address:

save cancel

Admin notifications

International Spam

☒ Block email messages written in

+ -

CODE	LANGUAGE
AZ	Azeri

Block email based on language

☒ Block email messages sent from

+ -

CODE	REGION
AX	Aland Islands

Block email based on geography

Select Language - Windows Internet Explorer - [L...

CODE	LANGUAGE
AF	Afrikaans
SQ	Albanian
AR	Arabic
HY	Armenian
AZ	Azeri
EU	Basque
BE	Belarusian
BN	Bengali
BS	Bosnian
BG	Bulgarian
CA	Catalan

Select Region - Windows Internet Explorer - [InPr...

CODE	REGION
AF	Afghanistan
AX	Aland Islands
AL	Albania
DZ	Algeria
AS	American Samoa
AO	Angola
AI	Anguilla
AQ	Antarctica
AG	Antigua and Barbuda

Block Spam before it reaches your network

Transparent & granular retention

Policy details transparently displayed to end user

The screenshot displays the Microsoft Exchange email interface. On the left, a list of email folders is visible, including 'LAST WEEK', 'TWO WEEKS AGO', 'THREE WEEKS AGO', and 'OLDER'. The 'OLDER' folder is expanded, showing a list of emails from various senders. A right-click context menu is open over the 'Sara Davis - Project Budget' email. The 'Assign Policy' option is highlighted in the menu. A sub-menu titled 'RETENTION POLICY' is also open, showing a list of retention policies: 'Acquisitions (5 years)', 'Financial reports (5 years)' (which is selected with a checkmark), 'Sales reports (1 year)', 'Supplier purchases (3 years)', 'Use Folder Policy', 'More Retention Policies...', 'Set Folder Policy...', and 'View Items Expiring Soon'. The email content on the right shows a message from Sara Davis to Kirk Gregersen regarding a 'Project Budget'. The message includes a retention policy notice: 'Retention Policy Financial reports (5 years) Expires 2/28/2017' and a follow-up instruction: 'Follow up. Start by Monday, May 07, 2012. Due by Monday, May 07, 2012.' The email body text reads: 'Hi Kirk, The project budget has been approved for the following: Q1 spend: \$10,000, Q2 spend: \$23,000, Q3 spend: \$14,500, Q4 spend: \$17,750. I will let you know if you have questions.' The date '3/1/2012' is visible at the bottom of the email header.

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Right click to assign policy to an item, folder or to all your email

Microsoft® Exchange

Leading innovation in communication



Remain in control, online,
and on-premises



Do more,
on any device



Keep the
organization safe

A compelling vision for the future

Advanced Security

Stop Malicious Software and Spam from Entering into the Messaging Environment



- Multiple scan engines throughout the corporate infrastructure
- Tight integration with Exchange maximizes availability and performance
- Easy-to-use management console provides central configuration and operation

Collaborate Effectively

A Familiar and Rich Outlook Experience Across Clients, Devices and Platforms

Desktop

 Microsoft® Office Outlook® 2007

Entourage:mac 2008

Web

 Microsoft® Office Outlook® Web Access



Mobile

 Microsoft® Office Outlook® Mobile  Windows Mobile



Exchange Server 2013 licensing

Server licenses

With this license type, a license must be assigned for each instance of the server software that is being run. There are two server editions:

- Standard:** designed for the mailbox needs of small to midsize organizations. Also appropriate for non-mailbox roles in a larger Exchange deployment. This edition supports 1 to 5 mailbox databases.
- Enterprise:** designed for larger organizations that may require a greater number of mailbox databases. This edition supports 1 to 50 mailbox databases.

For an updated comparison among the 2007, 2010 and 2013 versions of Microsoft Exchange: <http://office.microsoft.com/en-us/exchange/microsoft-exchange-server-version-comparison-email-server-FX103746692.aspx>

CALs

With this license type, a CAL is required for each user or device that accesses the server software. There are two types of CALs for Exchange, both of which work with either edition of the server:

Standard: designed to help users be more productive from virtually any platform, browser, or mobile device, with new features in Exchange Server 2013 that help manage communications overload and lower helpdesk costs. To enable Standard CAL features for a user, the user must be licensed with the Standard CAL.

Enterprise: designed to allow organizations to reduce the cost and complexity of meeting compliance requirements with new integrated archiving functionality and information protection capabilities, while also helping you cut costs by replacing legacy voice mail systems with Unified Messaging. The Enterprise CAL is sold as an add-on to the Standard CAL—to enable Enterprise CAL features, the user must be licensed with one Standard CAL plus one Enterprise CAL.

The Exchange Enterprise CAL is available in two variants: with and without services. The following table provides a detailed feature breakdown for each CAL.

Features	Standard CAL	Standard plus Enterprise CAL (with and without Services)
Email, calendar, contacts, and tasks	Yes	Yes
Outlook Web App (Internet Explorer, Firefox, Chrome, and Safari support)	Yes	Yes
Rich Outlook inbox experience, including enhanced conversation view and MailTips	Yes	Yes
Apps for Outlook and Outlook Web App	Yes	Yes
Site mailboxes**	Yes	Yes
Role-based access control (RBAC) capabilities	Yes	Yes
Federated calendar sharing	Yes	Yes
Exchange ActiveSync mobile management policies	Standard	Advanced
Journaling	Per database	Per user/distribution list
Journal decryption	No	Yes
Unified Messaging	No	Yes
Retention policies	Default	Custom
In-Place Archive*	No	Yes
Multi-mailbox search	Yes	Yes
In-Place Hold	No	Yes
Data Loss Prevention (DLP)	No	Yes
Outlook PolicyTips with Data Loss Prevention (DLP)**	No	Yes
Information protection and control (IPC): transport protection rules, Outlook protection rules, Information Rights Management (IRM) search	No	Yes
* Archive requires Office Professional Plus 2007, 2010, or 2013 through volume licensing.		
** Site Mailboxes and Outlook PolicyTips require Office Professional Plus 2013 through volume licensing.		

Microsoft® Exchange

Work Smarter, Anywhere.



Gold Certified Partner of



Microsoft

THANK YOU

