

UMKC IS ADVISORY COUNCIL



Thursday, April 22, 2021



WELCOME

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Outlook 365

Migration Project, Policy Changes &
Security Enhancements





Outlook 365

EMAIL POLICY CHANGES

- Policy developed by Records Management, Legal, HR, and UM IT
- Policy still in draft, UM expects approval soon
- Security incidents over the past several years
 - Related to phishing attempts
 - Password sharing with non-University systems (ex. amazon.com)
- Increased regulations and legal responsibilities
- Lack of an email specific policy

EXCHANGE ONLINE MIGRATION PROJECT COMPLETION

- Over 40,000 mailboxes migrated to Office 365

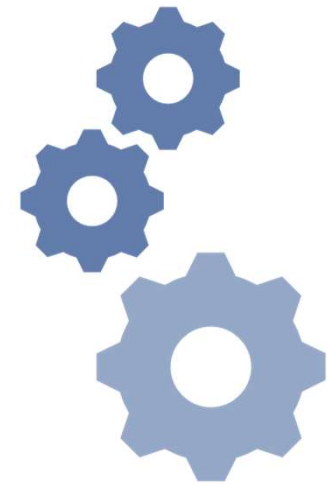




Outlook 365 Email Policies






EXISTING EMAIL POLICIES

- Must use UM email to conduct UM business
- Must minimize personal use of UM email
- Must not use UM Password on non-UM systems
- Mobile device must have a PIN or biometrics (facial recognition or fingerprint)
- Transmission of highly sensitive data (DCL4) through encryption
 - ▶ DCL4 = Patient info, SSN, credit card numbers, etc.





NEW Outlook 365 Email Policies

-  More prompt deactivation and deletion of accounts post employment
 - Current retiree accounts are grandfathered
 - Future retirees can submit a request to maintain their email account
 - Abandoned accounts will be locked/deleted
-  Strict enforcement of email quotas – 25GB
-  Auto deletion of emails
 - In inboxes and sent items folders after 5 years
 - In “deleted items” after 30 days
 - Any email moved to a subfolder will be untouched
-  Removal of highly sensitive data (DCL4) from their email accounts in a reasonable timeframe (10 days)
-  Penalties for policy violations/non-compliance per HR



Office 365 Security Tools



Data Loss Prevention (DLP) - will check for SSNs and other secure information and will automatically encrypt outbound messages containing this information such that recipients must use O365 to view the email



Communication to Faculty and Staff in near future



Enabling for all users in May timeframe





FAQ: <https://www.umssystem.edu/ums/is/new-security-usability-features>



LOW RISK EMAIL NOTIFICATION

Notification: DLP - Test - cc- low - new notification

 **Microsoft Outlook**
Thu 3/25/2021 1:41 PM
To: Mooney, Bryan F. (ISAM)

 DLP - Test - cc- low - new not...
14 KB


Your email message contained sensitive information. To ensure the message is protected, we have encrypted the email message. Please delete any copies of this message to avoid storing sensitive information in your mailbox. This includes the original message in your sent items folder and this notification with a copy of the message attached.


Detected issues from data loss prevention policy:

- Message is sent to people outside your organization.
- Message contains the following sensitive information: Credit Card Number

HIGH RISK EMAIL NOTIFICATION

Message Blocked: dlp - test - cc - high - new notification 1

 **Microsoft Outlook**
Thu 3/25/2021 1:38 PM
To: Mooney, Bryan F. (ISAM)

 dlp - test - cc - high - new no...
15 KB

Your email message contains an excessive amount of sensitive information, which could result in a data breach. **The message has been blocked.** Please delete any copies of this message to avoid storing sensitive information in your mailbox. This includes the original message in your sent items folder and this notification with a copy of the message attached.

Detected issues from data loss prevention policy:

- Message is sent to people outside your organization.
- Message contains the following sensitive information: Credit Card Number

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Productivity Tools

Box & Cloud Storage, Texting &
Document Workflow







Box & Cloud Storage



- Columbia is dropping Box Summer of 2021
- UMKC will have at least 1 more fiscal year of Box

FUTURE CLOUD STORAGE OPTIONS

-  OneDrive
-  Google Drive





Texting

- Agreement with Mongoose Research for Cadence Texting
- Campus wide solution that provides unlimited texting, departments, and connections with Slate/PeopleSoft
- IT is funding this solution for campus
- Integration with AzureAD for Single Sign on in process
- Will pilot with multiple groups in the coming weeks
- Contact the Tech Support Center if you want to use texting





Document Workflow

DOCUSIGN

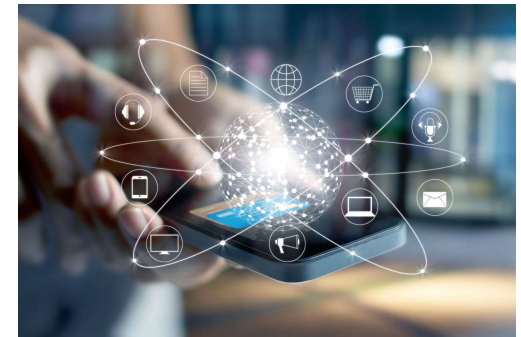
- \$4 per envelope, charged against the MoCode provided at sign up
- Can be used as workflow, but at a per envelope cost
- What is Docusign?
<https://doit.missouri.edu/services/infosec/infosec-resources/electronic-signature/>

Multiple “no code” document workflow solutions are being evaluated where official signatures are not required.



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IT Updates

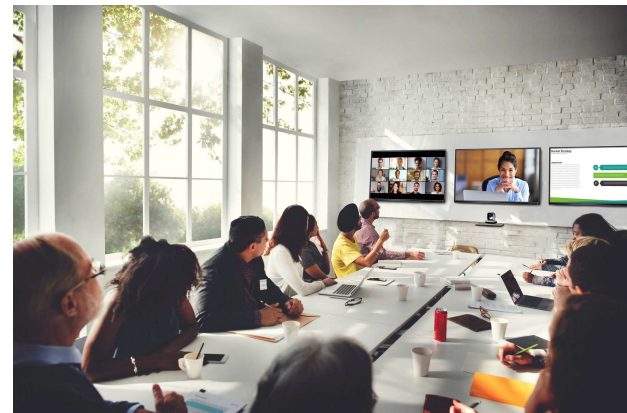




Classroom Technology

Upgrades planned for (8-9) classrooms to convert to new High Flex/Multi-Modality spaces over the next year. These spaces will be well equipped to connect students at home with students in the classroom

- Includes instructor cameras, student cameras, student microphones, and supplemental displays
- Planning similar upgrades to some meeting spaces in the Administration Center including the addition of Zoom rooms and changes with Telepresence





Academic Enhancement

- 2020 saw a significant increase in video project requests as more content and events were streamed and consumed online.
- Completed 60+ projects for Academic, Marketing and Special Event use. Some included more than twenty videos for programs like Dental, Nursing and first semester experience courses.
- Planning investments this year in equipment that helps automate streaming as well as developing a streamlined video project request process.





Workstation Replacement

- 326 computers ordered, more laptops than desktops for the first time
- Deployments ongoing to Faculty and Staff





Workstation Hardware Standards

New Mainstream and Executive laptop standards

▶ More info: <https://umkc.edu/is/support/hardware/computers/computers.asp>

16GB of RAM standard moving forward on all laptops/desktops

Work at Home and Teach at Home Bundles options (Can purchase “a la carte”)



TEACH FROM HOME BUNDLE (\$535)

- Two (2) P2219H 21.5" FHD monitor
- One (1) AC511M USB soundbar
- One (1) WD19S docking station
- One (1) KB522 keyboard
- One (1) MS116 mouse
- One (1) Jabra Evolve 20 USB headset
- One (1) standard HD webcam

WORK FROM HOME BUNDLE (\$320)

- One (1) P2219H 21.5" FHD monitor
- One (1) AC511M USB soundbar
- One (1) WD19S docking station
- One (1) KB522 keyboard
- One (1) MS116 mouse



Wireless Network



Replaced 358 older access points with 802.11ac wave 2 access points

Double the # of concurrent users (250+) & up to 2 Gb of bandwidth per access point



Upgrade in May-June to expand UMKC Media Wi-Fi network campus-wide

Support for "smart" & Internet of Things devices



Worked with CFM to install Wi-Fi door locks to enable access controls on existing doors



Installed latest 802.11ax "Wi-Fi 6" access points in Plaster Free Enterprise Center

Up to 600 concurrent users & 5 Gb of bandwidth per access point



Upgrade in June to install the latest 802.11ax "Wi-Fi 6" access points in MNL & MNL-C

Up to 600 concurrent users & 5 Gb of bandwidth per access point



Wired Network



Recently upgraded the UMKC network edge routers which provide connectivity to the Internet, and services like Peoplesoft, Canvas, Pathway & Email.

Current bandwidth off-campus is 20 Gb (2 x 10Gb)



MOREnet router upgrades scheduled for this summer

By August bandwidth off-campus will be 200 Gb (2 x 100Gb)



Computer Labs

ROOLABS ONLINE

 <https://www.umkc.edu/is/roolabsonline/>

Allows students to connect and access specialized software from personal devices off campus. Software includes, Adobe Creative Cloud, ArcGIS, SPSS, and many others that were previously not available remotely.

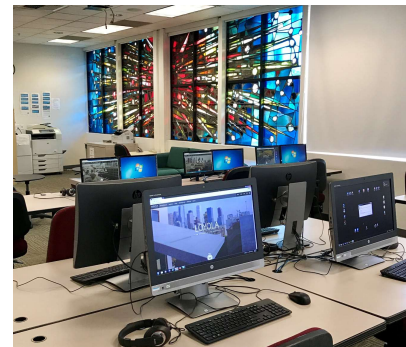
Provides real time usage of in person computer labs and how many seats are currently in use at each location.

Improved connection process coming this summer will provide direct access via a web browser.

STUDENT COMPUTER LABS

Introduced Mobile “touchless” option for all Print Release stations.

Interactive Learning Center (ILC) and Royall Hall 310 are now centrally scheduled spaces.





THANKS!

Any questions?