

Overview

The current desktops at KPPCSD are all running Microsoft Windows version 7 and are currently 6 years old (except for the front desk). Based on their age and that Microsoft will be discontinuing support for Windows 7 on January 14, 2020 we are recommending the following upgrades. This implementation also includes migrating to Microsoft hosted Exchange email and MS Office application cloud solutions. There are a number of benefits to 365 including portable software licensing, software upgrades and better compliance options.

Workstation Upgrades

Recommended Workstations

Dell Precision 3431
Intel Core i5-9500, 6 Core, 9MB Cache, 3.0Ghz, 4.4 Ghz Turbo w/UHD Graphics 630
Windows 10 Pro 64bit
Intel Integrated Graphics
Precision 3431 Tower with 200W
8GB 1X8GB DDR4 2666MHz UDIMM Non-ECC Memory
C3 M.2 PCIe Boot SSD
Integrated Intel SATA Control
M.2 256GB PCIe NVMe Class 40 Solid State Drive
Dell MS116 Wired Mouse
US Power Cord

Dell 24" Monitor P2419H

Cost \$ 1099 QTY: 9

Sub \$ 9,891

Office 365/Email Migration and E-Discovery for Compliance

Once we have authorization to move forward, we will start the process to build out your new office365 mailboxes, configure the Barracuda services & create the new user accounts as needed. We then will use our migration platform to verify all the settings for the old & new mailboxes, and then begin the first stage of the migration.

The first stage of the migration pulls all items that are older than 30 days and transfers them into the new accounts (this leaves only a small amount of mail, contacts calendars and data to transfer in the final stages, to speed that process up).

The next steps are for us to change the domain records to direct all new mail to come into and go out of the new office365 mailboxes. **(This is when your users will need to stop using**

their email till we get them set up on the new platform) This process generally is pretty quick however it can take up to 48hours to fully propagate. We then kick off the final migration of the remaining data and check our migration platform to retry any errors and to make sure that all data was migrated (including anything that may have come in during the domain record transition).

The next big step for us is to work with the end users to help them share out calendars and to help them with any complications that may come up. As a reminder calendar events that had invitees will need to be recreated if there are any changes (those settings are not able to transition to O365).

The whole process will take a couple of days and we typically like to plan these over a slow weekend as to cause the least impact to your business. Most of the migration happens behind the scenes but we will want to schedule time blocks with the users to get each one set up that day after the migration happens.

If you have any questions/ concerns, please let us know so that we can answer and make sure the process goes as smooth as possible.

Cost

\$2,550 One Time Migration and New Workstation Setup – includes migrating mail, contacts, calendars and Outlook items (users will need to re share calendars as needed since that will not transfer) and new workstation installation and setup.

\$9,891 New Workstations – New workstations

\$30/mailbox per month – Office 365 Business Premium (Office desktop apps, Exchange, Sharepoint, Onedrive Business, Teams) - This would Provide the full desktop apps to those who need them and also includes the Barracuda filtering, archival system, backup and search features.

\$25/mailbox per month – Standalone mailboxes (does not include office apps) these would be for the Board members and other misc email accounts. includes the Barracuda filtering, archival system, backup and search features.

Please note there is a one year commitment for these services

Barracuda Office365 Features.

Inbound filtering - Advanced Threat protection

Barracuda's Advanced Threat Protection (ATP) combines behavioral, heuristic, and sandboxing technologies to protect against zero hour and targeted attacks. ATP automatically scans email attachments in real-time; suspicious attachments are detonated in a sandbox environment to observe behavior. In addition to blocking the attachment, the results are integrated into the Barracuda Real Time System providing protection for all other customers.

Anti-Phishing

The Barracuda Essentials combats phishing attempts by combining anti-fraud intelligence, behavioral and heuristic detection, protection against sender spoofing (i.e., spammers spoofing valid email addresses), along with domain name validation to detect and block phishing attempts.

Malware Scanning

The Barracuda Essentials leverages the cloud for dynamic, real time threat analysis, attachment sandboxing and URL protection to prevent malware from affecting email users.

Known Bad link detection

Anti-phishing also includes Link Protection. A popular method that attackers use to deliver malware relies on URLs that contain malicious code, which can be invisibly downloaded and can trigger a much larger attack. Link Protection automatically rewrites these URLs so that the Barracuda Essentials for Email Security can sandbox the request at click time to block malicious links.

Archiving, Compliance and eDiscovery (Optional)

Granular retention policies

Barracuda Essentials provides a cloud-based archive of all email communication to ensure that you meet demanding business and legal requirements. It follows the accepted “best practice” approach for compliance by archiving an original copy of every email into a separate immutable store for long term retention and preservation.

Compliance and eDiscovery capabilities provided within Office 365 may be adequate for some organizations, but the “in-place” approach Microsoft takes for long-term email retention and preservation means these capabilities have inherent limitations. They can be complex and expensive to operate, and are unlikely to meet the needs of organizations with more demanding compliance and discovery requirements.

Barracuda Essentials for Office 365 includes a cloud-based, indexed archive separate from Office 365 that allows for granular retention policies, extensive search, auditing, permissions, legal hold and export of emails that may be required in eDiscovery. Litigation holds preserve email from being tampered with until the litigation hold expires or is removed.

Powerful Search and eDiscovery

The Barracuda Cloud Archiving Service offers easy-to-use search capabilities, ranging from the most basic search by a user for a misplaced email to advanced Boolean search strategies for an auditor during an eDiscovery request.

Barracuda offers native and mobile apps for Android and iOS that simplify search to ensure messages are found easily even when email services are unavailable. Mobile users can search, download and respond to any email ever sent or received, even if deleted from the server. Because all email is indexed, search is often much faster than typical native mobile email applications and provides a much higher search success rate. Users can forward, reply or resend email to themselves.

Backup, Recovery & Continuity

Email Service Continuity

The Email Continuity Service ensures that email operations continue by failing over to a cloud-based, email service, in the event primary email services become unavailable. During email server outages, an emergency mailbox allows users to continue sending, receiving, reading, and responding to email.

Cloud to Cloud Backup and recovery – Backup for Office365 mail, Onedrive & Sharepoint

Hosting production data in the cloud does not mitigate the need for backup and recovery. Emails and important documents are susceptible to corruption and risk being unrecoverable due to malicious attacks or even accidental deletion. Barracuda Essentials for Office 365 protects Exchange Online, SharePoint Online, and OneDrive for Business data by backing it up directly to Barracuda Cloud Storage.

Barracuda Backup is the world's most widely used integrated backup appliance, according to IDC's Purpose-Built Appliance Tracker. Barracuda Essentials for Office 365 utilizes Barracuda's award-winning technology and data protection expertise to employee mailboxes in Exchange Online and corporate data hosted in SharePoint Online and OneDrive for Business for point-in-time recovery. These solutions can be deployed separately or together to cover your cloud-based data protection needs.