

Upcoming IT Software Projects and System Updates

(Implementation dates have been provided where available)

Windows Server Operating System Upgrades – In-process

Servers running older operating system versions of Windows server will be upgraded to Windows Server 2012. Upgrades will be coordinated with application system administrators and any downtime communicated to affected users.

SQL Server Upgrades –In process

Systems running older versions of SQL Server will be upgraded to SQL 2012/2014. Upgrades will be coordinated with application system administrators and any downtime communicated to affected users.

VoIP Telephone Refresh – In process

Phones which have reached end-of-life based on manufacturer's product lifecycle schedule will be replaced. Users will experience approximately 15 minutes of downtime during the physical replacement of their legacy phones.

Emergency "Red" Phone Audit/Re-Deployment -- In-Process

ITSS is working with Campus Operations Managers and Public Safety to audit the current physical location of "red" emergency phones. In the event of a network or power failure, "red" emergency phones are strategically deployed in key campus areas for continuity of operations and/or life safety emergencies.

NetApp Storage Migration – In-process

Complete the physical replacement/upgrade of the back-end storage infrastructure. The migration of departmental shares was completed in Spring 2016. The migration of data on the home drives is slated to occur during Summer 2016. All users will be required to login/logoff, which will allow your system to pick up the new storage path. Also at this time, users who have created personal shortcuts on their desktop to network folders/files will need to recreate them. In preparation, all faculty/staff are asked to review the files on their home drives/network shares to remove unnecessary and non-college related music, videos, and graphics to minimize the data that must be migrated to the new equipment.

Office 365 (Exchange Online) – In-process

Migrate from on premise Exchange servers to Microsoft's Office 365 Services for Exchange Online. All faculty/staff with a nvcc.edu email account will be included. Computers and network systems will be evaluated in advance to identify **and** resolve any OS compatibility conflicts. A pilot effort is currently underway with staff tentatively scheduled for migration in Summer 2016 and faculty tentatively scheduled migration in Fall 2016.

PeopleSoft – Archive Student records from SIS. Scheduled over Saturday, July 16, 2016 and Sunday, July 17, 2016. CS Bundle update scheduled for September 9, 2016. Database instance V9.0 Production \ Query.

Co-Location/Data Center Move – In-Process

In collaboration with VCCS, NOVA will relocate its primary data center to a colocation facility to achieve greater infrastructure resiliency while reducing long-term operating costs. Initial infrastructure buildout started in Spring 2016 with a phased migration of systems and services occurring through Summer/Fall 2016.

DNS/DHCP Services Upgrade – In-process

In May 2016, DNS and DHCP services were upgraded to a new management platform. In Summer 2016, role-based permissions and access will be established for Campus IT Personnel.

System Monitoring Upgrades/Refinement – Summer 2016

Several key IT monitoring systems for network, infrastructure, security, and applications performance management will be assessed for potential upgrade and system refinement. As systems are assessed, lead units will coordinate with affected parties as necessary.

Windows 10 – It is up to the IT faculty teaching Windows 10 to determine when they need it installed in labs and classrooms for teaching the software. There are no current plans to convert existing machines in offices to Windows 10.

SharePoint 2013 Upgrade – EAS staff is exploring the possibility of upgrading to SharePoint 2013

Electronic Forms Automation – We are currently working on several forms automation projects for Human Resources, Student Services, Office of the Controller, Military Services and other departments. If you have forms that you would like to automate, please send an email to 'eforms@nvcc.edu'!