



Microsoft Education

Paul Edge

@Paul_A_Edge

Transformation in Education

We live in a time of great change and tremendous educational potential.

We need to provide better tools that give every student equal learning opportunities.

We need to amplify the creativity of students, teachers, and administrators.

We need to create more efficient classrooms and maximize learning time.

We need to teach students the skills they need for a rapidly transforming future.



Because tomorrow's
leaders are sitting in
our classrooms today.

We can give teachers better tools to
create better learning outcomes for
all students.

We can save teachers time and give
them more ways to bring lessons to life

And we can do it with devices that work
for every student, every educator, and
every school.

That's Microsoft Education.
Unlock Limitless Learning.





What's new with Microsoft Education

New Windows PCs starting at \$189

New devices from Lenovo and HP starting at \$189 for notebooks and \$299 for 2-in-1's offering great performance at a great price

Intune for Education

Scale and manage Windows 10 deployments with improved troubleshooting insights, delegated administration and additional settings

OneNote

Assignment and grade integration with Capita SIMS and PowerSchool, ability to embed Desmos math calculators, teacher page lock after providing student feedback

Pearson Mixed Reality Curriculum

Six new AR and VR applications, designed for VR headsets and HoloLens, including HoloPatient, HoloHuman, HoloHistory, HoloChemistry, HoloMath and HoloShop

Learning Tools

Built-in dictation to Office 365 in nine languages, Immersive Reader added to Word for Mac / iPhone, OneNote for iPad, Read Aloud for Outlook Desktop

Microsoft Teams

Simplify class set up with join codes and the ability to reuse a class Team later with Use Team as Template, assignments added to mobile app for iOS and Android, teachers can get specific with decimal grading

Windows 10 Fall Creators Update

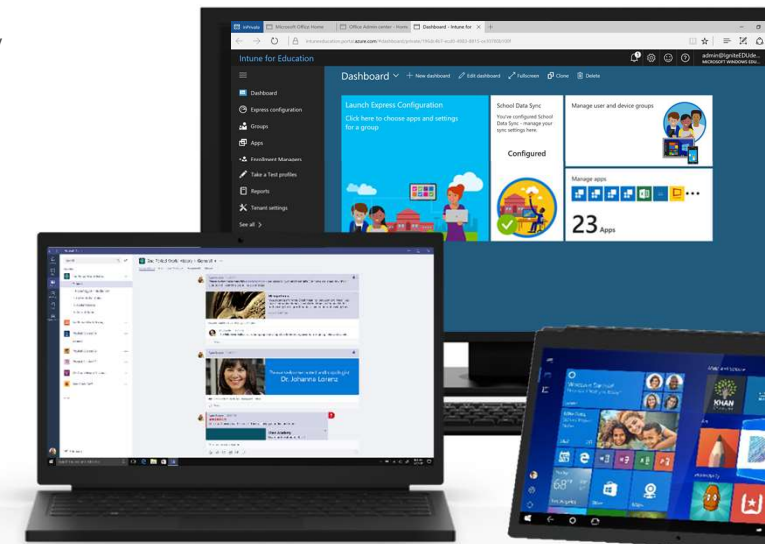
Turn photos and videos into stories with the updated Photos app, Immersive Reader in Microsoft Edge, 3D for everyone, simplified end of year re-provisioning with automatic redeployment

Microsoft 365 A1 – New Offering

Easiest way to get started with Microsoft 365 Education. Simple to buy, good for life of the device, delivers cloud productivity with powerful, simple management

Minecraft: Education Edition, Chemistry Update

Build compounds from elements or construct materials like underwater TNT using the familiar world of Minecraft and game-based learning to engage students of all ages in chemistry



Microsoft Education

Empowering every student to create the world of tomorrow



Better learning
outcomes



Saves teachers time



Affordable, easy to
manage devices

Microsoft 365 a bundle of services that includes Office 365, Windows 10 Education, Enterprise Mobility + Security (EMS).



Better learning outcomes

- Increase reading and language skills with personalized tools for learning
- Develop coding and problem-solving skills that ignite interest in STEM
- Spark creativity with the most immersive and intuitive 3D, VR/AR and inking experiences



Increase reading and language skills with personalized tools for learning

SCENARIO

"Sometimes students' performance doesn't match their ability. Learning Tools evens the playing field for kids who are struggling readers."

*4th Grade Teacher,
Bellevue, WA*

SOLUTIONS

- Consume content independently with assistive technologies, ease of access settings and Learning Tools in Office and Windows
- Work naturally with **ink and touch**, annotate on screen or rewind and replay to watch thinking in action



Enhance independence, efficiency, and engagement

CONTROLS, SETTINGS, AND ASSISTIVE TECHNOLOGIES IN OFFICE AND WINDOWS

Consume content independently with assistive technologies, ease of access settings and [Learning Tools](#) in Office, Windows to aid usability and comprehension

Staying organized becomes efficient and paperless with [Office Lens](#) and [OneNote](#), now enhanced to support students with learning or visual challenges

Find out more at microsoft.com/accessibility

Students create confidently and efficiently with intuitive controls such as [Windows 10 keyboard shortcuts](#), voice with Office Dictation, [Tell Me](#), [Researcher](#), [Editor](#), and [Designer](#)

Collaborate inclusively using [Accessibility Checker](#) and [Automatic alt-text](#) to help create accessible content, automatic translation/captions with [Skype](#) and screen-friendly co-authoring features

The screenshot shows the Microsoft Word interface with the Learning Tools ribbon active. The ribbon includes options like Column Width, Page Color, Text Spacing, AZ, A-Z, Read Aloud, and Close Learning Tools. The document content is displayed in a large, spaced-out font, reading "The Tacoma Narrows Bridge". Below the title, there is a section titled "Suspension Bridge Design to 1940" and a paragraph of text: "We live in an era of great suspension bridges. They are very common today but have been used for centuries. The earliest forms used cables. In 1883 workers completed the Brooklyn Bridge. Its designer was America's most famous suspension bridge engineer, John Roebling." At the bottom of the document, there is a historical illustration of a suspension bridge.

Accessibility: required by 1+ billion; benefits all

Accessible technology benefits everyone, including people with:

- Permanent disabilities like those listed below
- Temporary impairments like cataracts or a broken arm
- Situational requirements like working hands-free and eyes-free.



Visual

- Colorblind
- Low vision
- Blind



Hearing

- Hard of hearing
- Deaf



Cognitive

- Learning disabilities
- Autism
- Seizure



Speech

- Speech impediment
- Unable to speak



Mobility

- Arthritis
- Quadriplegia
- Spinal cord injury



Neural

- Bipolar
- Anxiety
- PTSD
- OCD
- Depression

Disabilities come in many forms both visible and unseen

Learning Tools Availability

Read Aloud and word/line highlighting	OneNote Desktop	OneNote Online	OneNote Win 10 App	OneNote iPad	Word Online	Word Desktop	Word Mac	Word iPad	Outlook Web Access	Outlook Desktop	Office Lens on iOS	Edge browser
Spacing and Font Size	OneNote Desktop	OneNote Online	OneNote Win 10 App	OneNote iPad	Word Online	Word Desktop	Word Mac	Word Ipad	Outlook Web Access	Outlook Desktop	Office Lens on iOS	Edge browser
Syllables	OneNote Desktop	OneNote Online	OneNote Win 10 App	OneNote iPad	Word Online	Word Desktop	Outlook Web Access	Edge browser				
Parts of Speech	OneNote Desktop	OneNote Online	OneNote Win 10 App	OneNote iPad	Word Online	Outlook Web Access	Edge browser					
Line Focus	OneNote Online	OneNote Online	OneNote Win 10 App	OneNote iPad	Word Online							
Dictation	OneNote Desktop	OneNote Online	OneNote Win 10 App	Word Online	Word Desktop	Outlook Desktop						

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by @MTholfsen @MicrosoftEDU

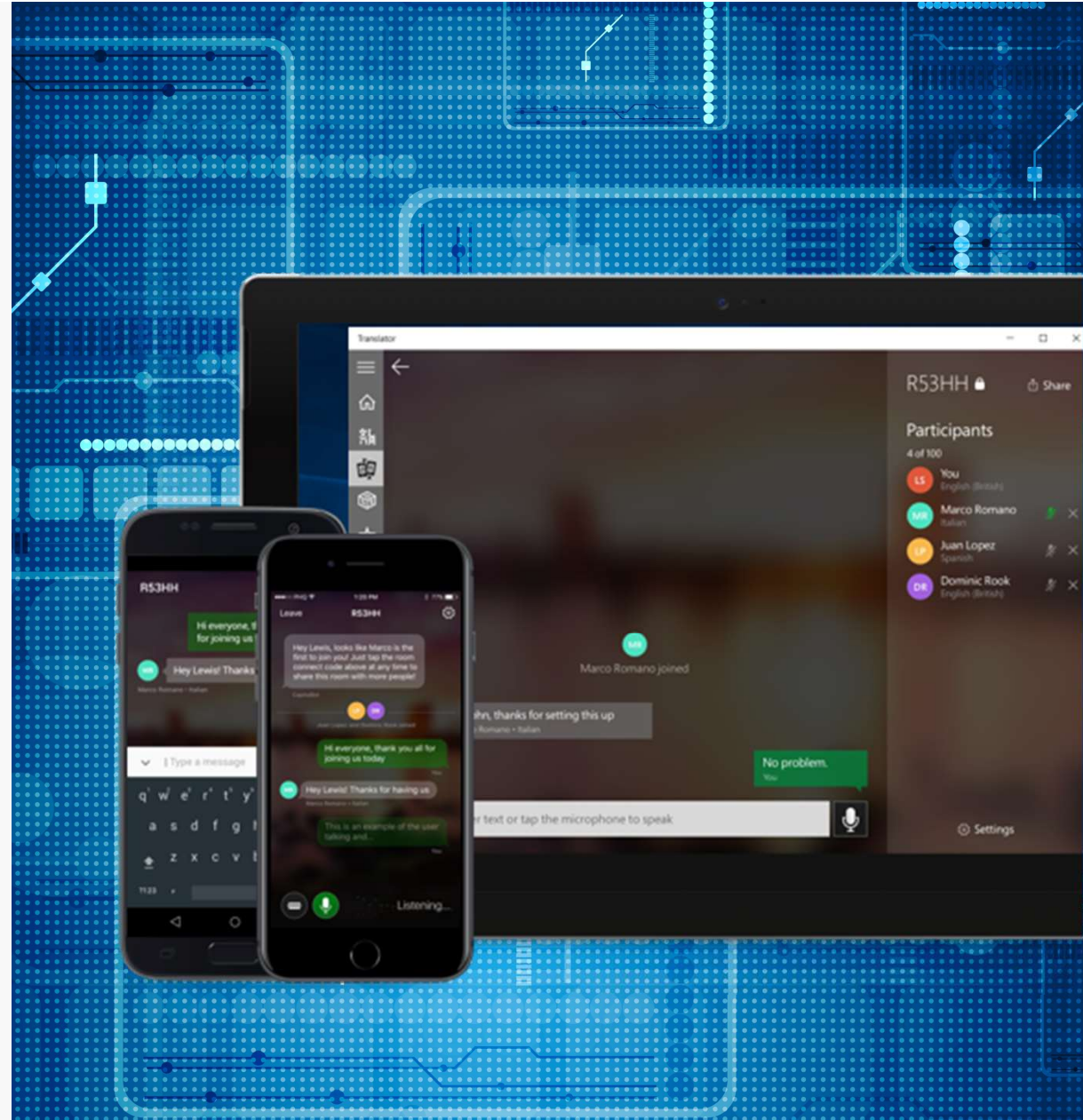
Microsoft Translator

Smartphone apps for in-person, multi-device translation for two or more participants, speech or text

10 speech languages and 63 text languages

Up to 100 participants at the same time

Free Apps on iOS, Android, Windows UWP, PowerPoint and web.





Inspire creativity with amazing apps

MICROSOFT STORE FOR EDUCATION

Top education apps from
your favorite publishers

Easily discoverable in
the Microsoft Store
for Education



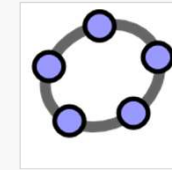
Arduino IDE



Edmodo



Fluid Math



GeoGebra



Kortext



TiVitz



Virtual Robotics
Toolkit



WeDo 2.0



BrainPOP



Edsby

Reference materials



iBird Guide to
Birds of North
America
★★★★★
\$9.99



Perfect
Dictionary
★★★★★
Free *



Kobo Books
★★★★★
Free



Ancestry
★★★★★
Free



Book Bazaar
Reader
★★★★★
Free *



WordWeb
Dictionary
★★★★★
Free



OverDrive -
Library eBooks
& Audiobooks
★★★★★
Free

Science



Complete
Anatomy
★★★★★
Free *



Star Chart
★★★★★
Free *



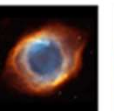
Elements: The
Periodic Table
★★★★★
Free *



Hubble Space
Telescope
★★★★★
\$1.99



Jack of Tools
★★★★★
Free *



Tour The
Universe
★★★★★
Free



NASA Be A
Martian
★★★★★
Free

Math



iMath Free
★★★★★
Free *



Drag
Algebra
★★★★★
\$7.99

Languages



Duolingo -
Learn
Languages for
★★★★★
Free



Learn
for B
★★★★★
\$1.99

Microsoft Store for Education account required



Immerse students in a new reality

WINDOWS MIXED REALITY

Immersive experiences that everyone will crave

Innovative mixed reality rooms

Simple and affordable

Portable, fast and easy to set up



Pre-release simulated screenshots shown, final experience may differ



Saves teachers time

- Stay organized with integrated planning tools
- Easily find and distribute content with a single, digital hub built for collaboration
- Measure each student's progress and keep them on track through data and analytics



Stay organized with integrated planning tools

SCENARIO

“OneNote Class Notebooks have redefined the instruction at my school. OneNote has become the way to disseminate content and showcase knowledge in every eighth-grade classroom.”

- **Christina Hansen**
Teacher

Manteca Unified School District, California

SOLUTIONS

- Manage classroom workflow in **Teams** and grade assignments in **OneNote Class Notebook**, which syncs with your LMS
- Connect regularly with peers to share best practices and lesson plans with a **PLC Team**



Easily find and
distribute content with
a single, digital hub
built for collaboration

SCENARIO

“We talk about the 4 C’s a lot; Communication, collaboration, critical thinking skills and creativity. Teams really does all of them.”

- Rob Dickson

IMS Executive Director
Omaha Public Schools

SOLUTIONS

- Communicate, collaborate and create in and out of class with Office, the top-requested software skill by employers
- Create collaborative classrooms that better engage students with Microsoft Teams



Meet Microsoft Teams for Education

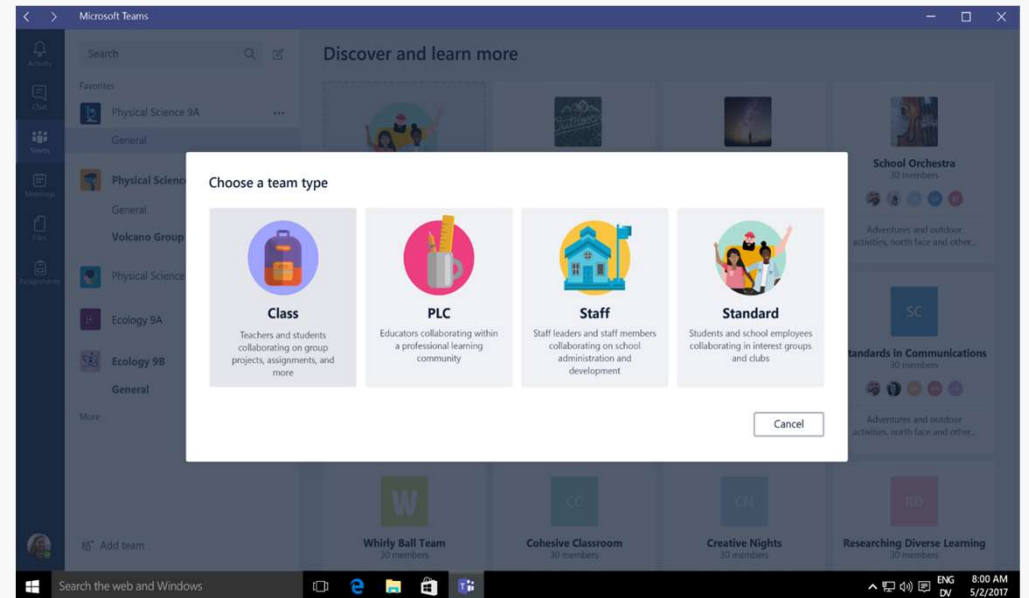
THE HUB FOR TEAMWORK IN OFFICE 365 EDUCATION

Create collaborative classrooms that save teachers time and better engage students in modern learning

Streamline staff communication on school-wide initiatives using custom Staff Notebooks

Connect educators in professional learning communities to improve teaching skills with built-in PLC Notebooks

Come together in a team for any team or project, like student groups or planning events





Powered with OneNote and Assignments Integrations

Stay organized in a digital binder for an entire class and organize content your way

Create or deliver interactive lessons to some or all students

Create and grade assignments with options for individual feedback and deadlines

Quickly and easily generate read-only links for parents or guardians to review student work

The screenshot displays the Microsoft Teams interface. The top window is the 'Assignments' view, showing a calendar of tasks from Monday, Feb 13 to Friday, Feb 17. Tasks include 'Language Arts' (turned in), 'Intro to Art 9C' (not turned in), 'Physical Science 9A' (past due), 'Precalculus' (determine the limit of $f(x)$ as x approaches 0.5), and 'Physical Science 9A' (practice solving KM equations). The bottom window is a 'Class Notebook' for 'General (3rd Period World History)'. The notebook has a sidebar with sections like 'Welcome', 'Collaboration Space', 'Content Library', and a list of students. The main content area shows a page titled 'What is Government?' with a handwritten diagram of a system: 'REGULATE' at the top, 'COMMUNITY?' in the center, 'PROTECT' at the bottom, and 'ENGAGE' on the left, all connected by arrows. Text on the page defines government as a system and lists examples like street signs, roads, and garbage collection.



Create collaborative classrooms in Teams

EASILY MANAGE CLASS WORKFLOWS AND ENGAGE THE VOICE WITHIN EVERY STUDENT

Save time and simplify set up with automatically populated class rosters using School Data Sync, join Team codes, and existing Team reuse with Use Team as Template options

Quickly create, distribute, and grade assignments all within Teams

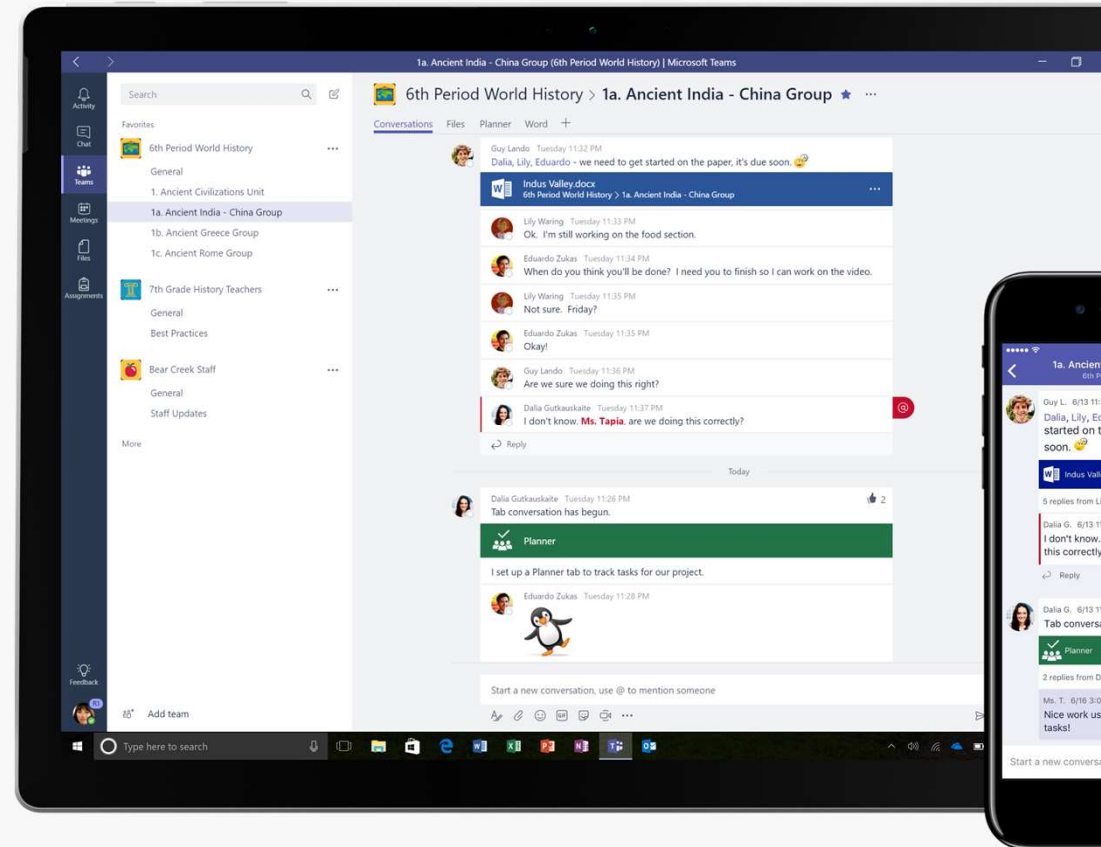
Easily create and share content with embedded Office apps and files

Deliver personalized learning with built-in OneNote Class Notebooks

Collaborate across languages with on-demand translation in chat or Team channels

Empower student voice with rich conversations, video, and fun content

Customize your classroom with integrations from education software developers





Streamline Staff Communication

Share information across educators, staff, and school leaders

Collaborate on school wide initiatives with built-in Staff Notebooks

Easily create and share content with embedded Office apps and files

Come together in a team for any team-based or project based activity

The screenshot shows a Microsoft Teams chat window for the 'Bear Creek Staff' team. The chat is titled 'Staff Updates' and includes tabs for 'Conversations', 'Files', 'Staff Notebook', and 'PowerBI Dashboard'. The chat history shows a message from Mr. Newbold on 5/24 at 4:52 PM stating 'Scheduled a meeting' and a recurring event for 'Weekly Staff Meeting' on Wednesdays at 7:00 AM. A message from Ms. Skujyte on 5/24 at 3:46 PM, marked as 'IMPORTANT!', asks for a review of a 'NEW Student Club Application Form' and includes a document titled 'School Club Application Form.docx'. Ms. Tapia responds on 5/24 at 3:52 PM, suggesting the form be turned into a Microsoft Form. Mr. Newbold replies on 5/24 at 4:52 PM, calling it a 'Great idea!'. A date separator for 'May 25, 2017' is shown. Another message from Mr. Newbold on 5/24 at 3:57 PM informs the staff that he will be observing classes over the next few weeks. Mr. Pavlis and Ms. Tapia both respond with thanks. The interface includes a search bar, a list of favorites on the left, and a bottom bar with a feedback icon and an 'Add team' button.



Build Professional Learning Communities

Collaborate on lesson plans with built-in OneNote PLC Notebooks

Keep educators up-to-date with threaded and persistent chat and collective history

Connect virtually with built-in Skype meetings with HD video, VoIP, and dial-in audio conferencing

Easily create and share content with integrated Office apps and files

The screenshot displays the Microsoft Teams interface for a team named "7th Grade History Teachers". The "Best Practices" channel is selected, and a OneNote Online notebook is open. The notebook content includes a definition of a Professional Learning Community (PLC) and a table detailing the PLC Process.

Professional Learning Communities Overview

A professional learning community (PLC) is an extended learning opportunity to foster collaborative learning among colleagues within a particular work environment or field. It is often used in schools as a way to organize teachers into working groups.

From <http://en.wikipedia.org/wiki/Professional_learning_community>

OneNote Shared Notebooks are a great tool to enable Professional Learning Communities (PLC) in schools. By using a PLC Notebook, groups can quickly get going with a notebook in which people can collaborate quickly and efficiently. Because [OneNote comes on all platforms and all devices](#), it's easier than ever to learn and collaborate anytime, anywhere, on any device.

PLC Process	
Plan ✓	<ul style="list-style-type: none">Define the problem and your FocusUse Data to assess needsCollaborate with your team to create your SMART Goal
Do	<ul style="list-style-type: none">Implement your direct instructional Action PlanCollaborate with your team and document in Meeting Minutes
Check	<ul style="list-style-type: none">Continue to collaborate and Progress Monitor with your teamDocument in Meeting Minutes

Planner – all your tasks in your calendar

The screenshot displays the Microsoft Planner interface for a team named 'SCA-LiteracyforLife'. The interface is organized into several key sections:

- Top Bar:** Shows the Office 365 logo, the team name 'SCA-LiteracyforLife', and navigation options for 'Board', 'Charts', and 'Notebook'. It also includes a 'Members' list with icons for MA, MD, MJ, MZ, and MA, and a 'Group by Buckets' dropdown.
- Left Sidebar:** Contains navigation options: 'New plan', 'Planner hub', 'My tasks' (with a count of 1), 'Favorite plans' (showing 'No favorite plans'), and 'All plans' (listing various groups like 'E-Tech Steering Group', 'Key Stage 4', 'SCA-LiteracyforLife', etc.).
- Main Task Board:** Features four columns representing different task categories:
 - Improving Quality of Delivery:** Includes a task 'At least 66% of staff to be graded as outstanding by the end of the year.' with a green checkmark icon, and a document card 'Stretch and Challenge in L4L DRAFT.docx'.
 - Progress for All:** Includes a task 'Pupil Premium' with a progress indicator '0 / 4', a task 'Develop assessments in line with KS4 skills', and a task 'Define essential competency thresholds - collate info from all departments' with a red progress indicator '01/06'.
 - Enhancing Levels of Engagement:** Includes tasks like 'Track Activities undertaken with High Ability Pupil Premium Students', 'Track Activities undertaken with High Ability Students', 'Track Activities undertaken with Pupil Premium Students', 'Targeted intervention cohorts who are struggling with the quality of their homework to attend sessions to boost the standard of their work.', 'Develop a robust reward system to recognise achievement and academic contribution.', 'Develop Year 7 Geography scheme of work in line with KS4 and KS3 initiatives.', and 'Recording attendance and reducing lateness'.
 - Partners in Learning:** Includes tasks like 'Residential Experience Year 7 and 8' (with a progress indicator '5 / 9'), 'Curiosity Club Mentoring Scheme' (with a progress indicator '0 / 3'), 'Launch the Night Zoo Keeper into the transition process.', 'Primary Study Support - Change to Eve based Programme', 'Family E Safety Evening' (with a date '11/29/2016'), and 'Engaging the hard to reach students ar families'.
- Task Cards:** Many tasks include document thumbnails, such as 'Stretch and Challenge in L4L DRAFT.docx' and 'Assessment 1 for year 9.docx'. Some cards also feature diagrams, like a Venn diagram with 'Subject Knowledge' and 'High Motivation'.





Measure each student's progress and keep them on track through data and analytics

SCENARIO

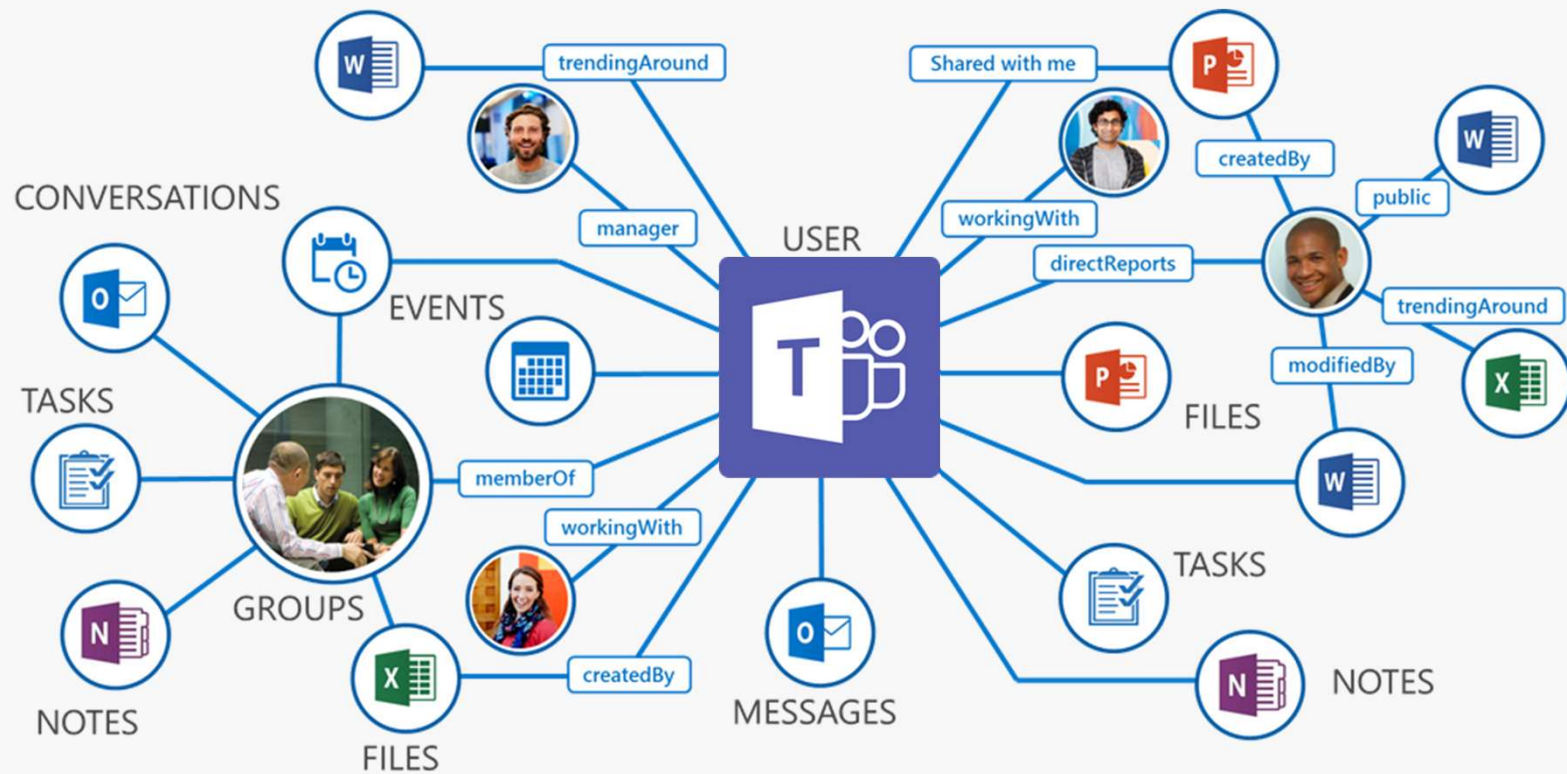
"The combination of new visionary leadership with sophisticated data analytics is helping drive improvement in graduation rates."

- **Shaun Taylor**
CIO

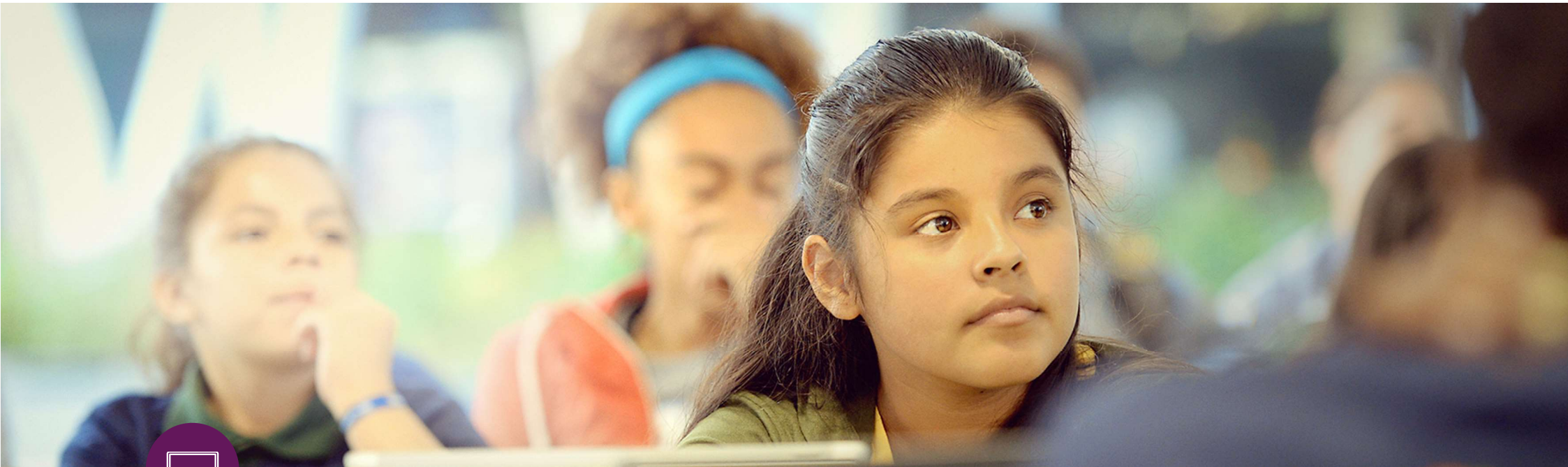
Tacoma Public Schools, Washington

SOLUTIONS

- Deliver insights about student performance with Power BI and Excel built into Office 365
- Identify at-risk students with predictive analytics solutions using Microsoft Azure Machine Learning



A moment in the life of a O365 User



Affordable, easy to manage devices

- Stretch your budget with more choices at affordable prices
- Set up a classroom in under an hour and easily manage devices, users, and apps
- Make the most of class time with secure, reliable devices



Stretch your budget with more choices at affordable prices

SCENARIO

“Having the Windows 10 laptops gives my students ownership of their learning and motivates them to create quality work. Students show excitement as they get to personalize their learning.”

- Meagan Jones

Third Grade Teacher
Wieland Elementary School

SOLUTIONS

- Give more students access to devices and technology
- Choose from a great selection of devices with [Windows 10 Pro Education](#) and [Windows 10 S](#)



Set up a classroom in under an hour and easily manage devices, users, and apps

SCENARIO

“Intune for Education allowed us to run a single deployment configuration to every computer that we have organization-wide. That cut our deployment time from months down to weeks.”

- **Jamie Trujillo**

Chief Information Officer
GOAL Academy High School

SOLUTIONS

- Deploy a classroom of devices and apps in less than an hour with **Intune for Education**.
- Use **School Data Sync** to automatically create classes and groups to deploy apps and policies.



A simpler way to deploy and manage classroom devices

MICROSOFT INTUNE FOR EDUCATION

Fast enrollment and streamlined deployment

easily brings Windows 10 devices and apps under management

Import school, student and teacher info quickly with School Data Sync

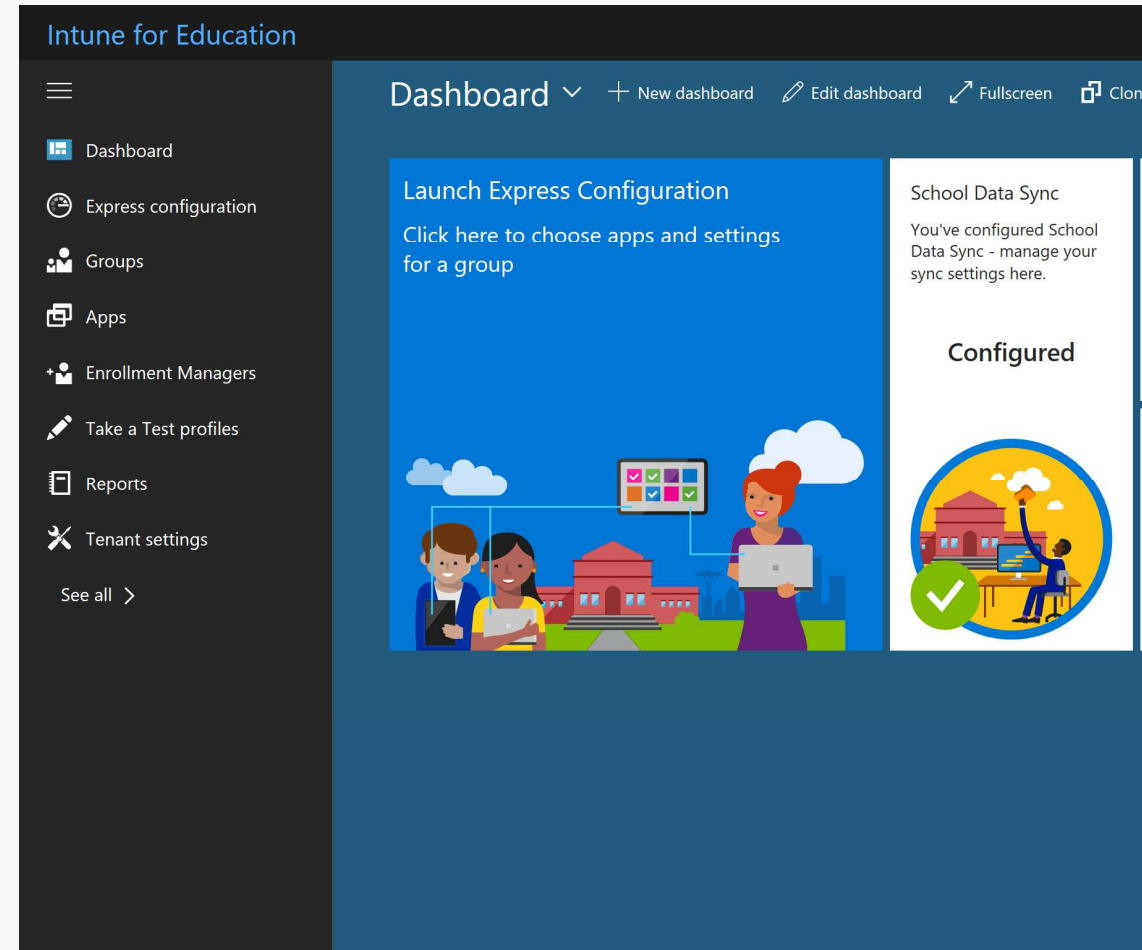
to automatically create classes and keep student data up-to-date

Scales to your environment with delegated administration from a district to a school level and bridging the gap between on-premise ConfigMgr deployments to modern cloud Intune management with [co-management](#). Includes rights to the full enterprise-grade Intune console for cross-platform management.

Zero-touch management

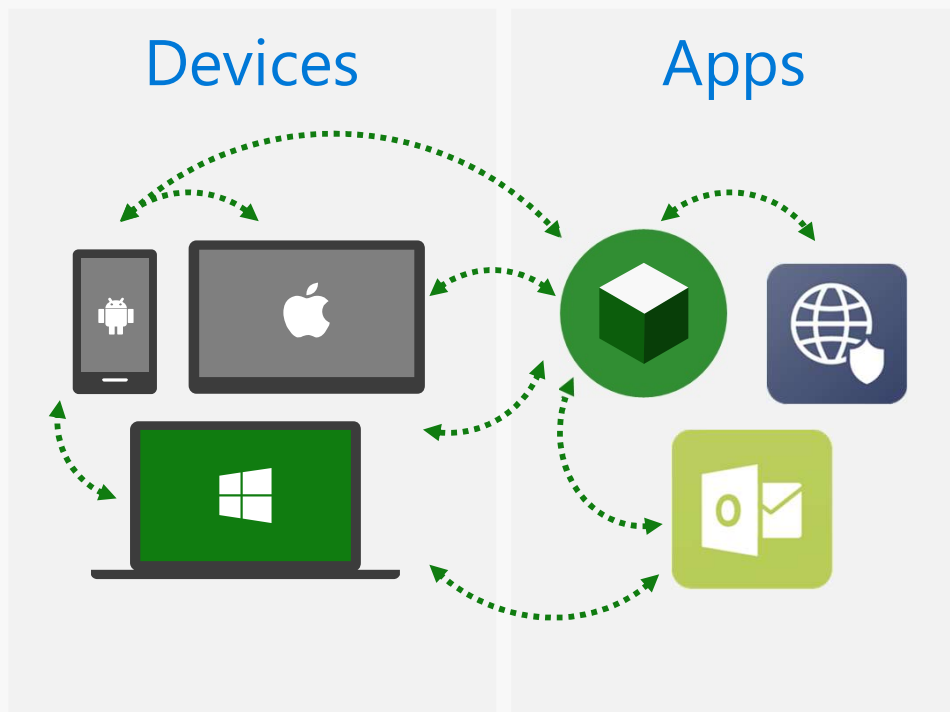
to change apps and settings applied by default to each enrolled device through the cloud and Azure AD

Designed for education to address common school scenarios and settings, such as shared devices where user gets different settings and apps



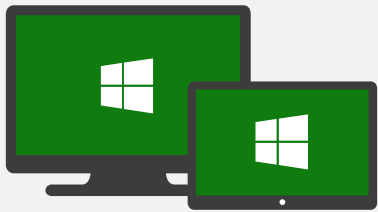
School IT Device Management Needs

- More challenges with fewer resources



- Simplify deployment and management
- Supports your scenarios
 - Shared
 - 1:1
 - BYOD
- Easy to manage details
- Affordable

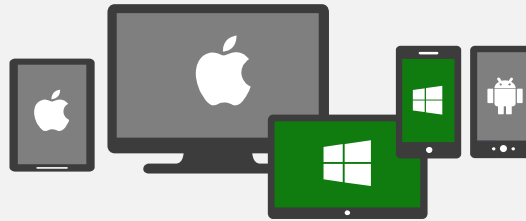
Why Intune for Education – Simple, Complete, & Integrated



Simple Windows 10 Management

Streamlined enrollment, deployment, and management

Microsoft Intune for Education makes it simple for school IT admins to manage Windows 10 devices and manage and deploy applications that their school already uses.



Complete Management

Cross Platform Support in Intune, ConfigMgr integration

Intune for Education includes the Intune management console to manage diverse devices in your ecosystem without investing in new infrastructure or software. Bridge to modern management from ConfigMgr.

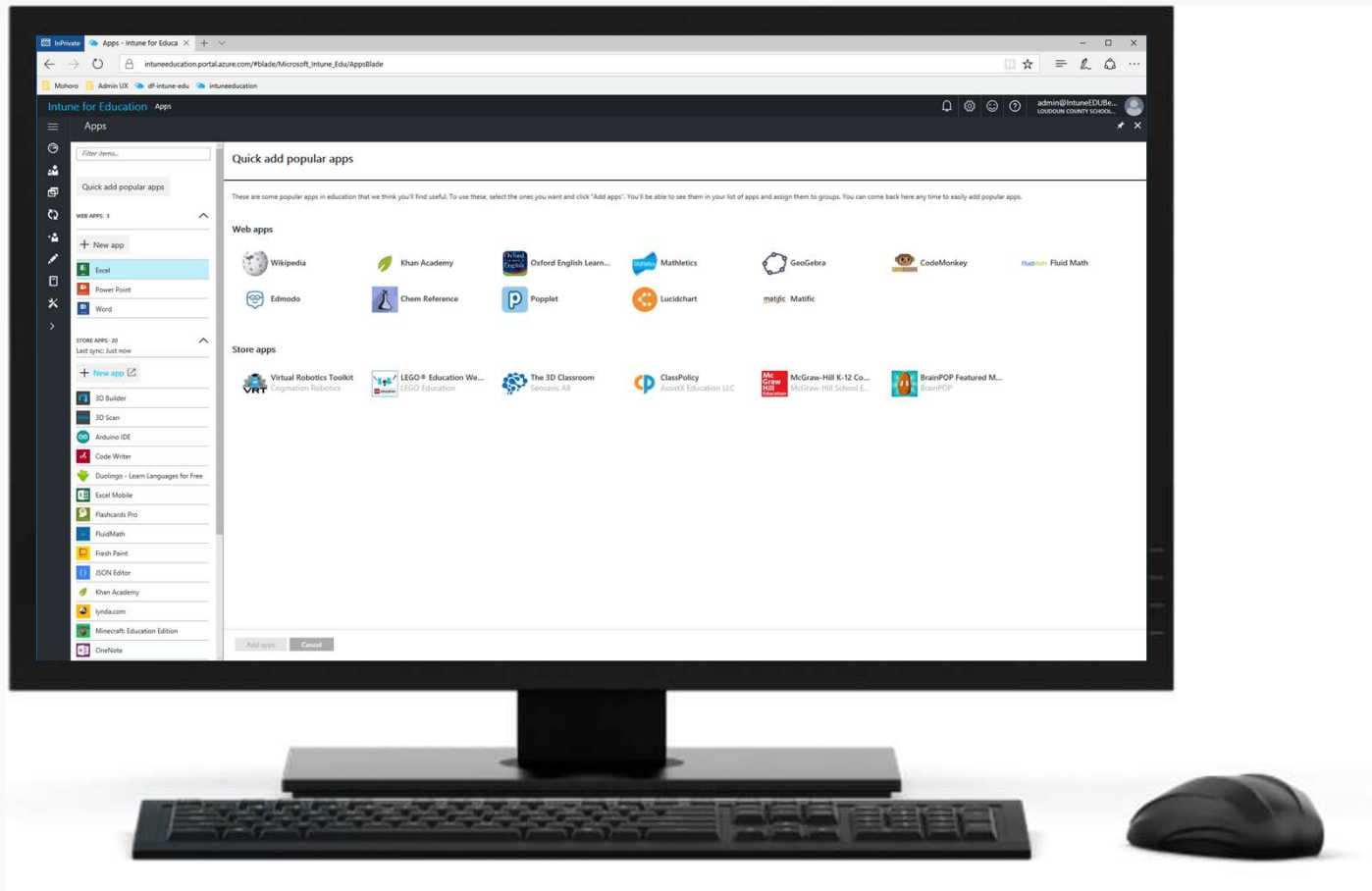


Integrated with Microsoft Education services

Manage devices, or users, or both easy and affordable school pricing

As part of an integrated solution, Intune for Education includes unbeatable integration with Microsoft cloud services and ease of management of Office 365.

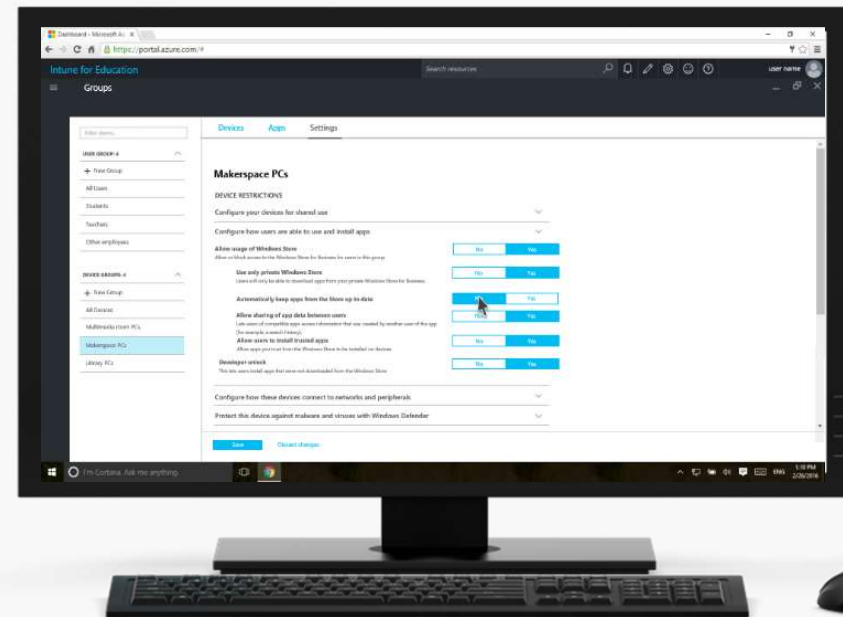
Integrated with Microsoft Store for Education



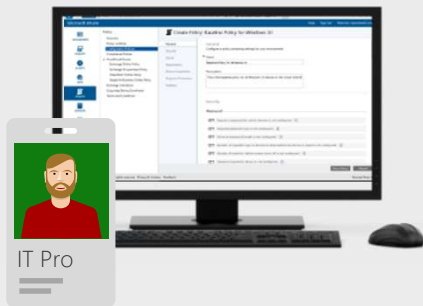
- Microsoft Store for Education apps automatically available to assign
- Easily deploy web apps to student devices

Education Ready Settings

- Easy to use for common scenarios and settings
- Simple web console for Windows 10 device management
 - Easy interface even for part-time IT staff to do routine tasks
 - Express setup
- Over [150 granular settings](#) such as:
 - Allow Camera (Yes/No)
 - Allow removable storage (Yes/No)
 - Windows Update preferences
- Manage groups based on school roster data (SIS) with School Data Sync
 - Teachers
 - Students
 - Sections (classes)
 - Schools



Intune for Education is Intune, *PLUS*...



Intune console

Full Intune interface
Cross Platform support
Additional granular settings management

- A simple management console
- Select Azure Active Directory Premium features
- Purchase options just for schools



Intune for Education console

Simplified user interface
Windows 10 Only
Easier for part-time IT staff

- Intune includes the Intune for Education console
- Intune for Education includes Intune console and select AADP
- EMS includes Intune console, Intune for Education console, and full AADP



Make the most of class time with secure, reliable devices

SCENARIO

“We require high degrees of security, privacy, compliance, and compatibility for our systems working together. We were clear that we wanted to stay with apps within the Windows environment.”

- Jack Hitchings

*Director of Learning and Technology
Port Alberni School District*

SOLUTIONS

- Device features that range from ruggedized to spill-proof with all day battery life
- Faster deployments of **Windows 10** at any scale with a streamlined out-of-the-box setup experience
- Security advancements of Windows 10, the safest Windows ever

Microsoft Education

Empowering every student to create the world of tomorrow



Better learning
outcomes



Saves teachers time



Affordable, easy to
manage devices

AI – Something different?



PowerPoint – Design Ideas

SWAY – Auto Create

WORD – Smart Lookup

BOT Framework – Support both in and outside classroom – Feedback,
Multi-lingual

STREAM– Search by title, participants, word/phrases

Book Store – Word Context

QNA Maker

AI is playing a greater part of everyday life, use the new QNA Maker to help students and parents access resources and answer questions 24/7

What do you get ? The ability to create a fully automated BOT solution for your organisation

What does it work with ? Any device, any browser

Where do I start? <http://qnamaker.ai>

Microsoft Cloud

Azure is just one component of the Microsoft Cloud

Office 365

Azure

Operations
Management + Security

Cortana
Intelligence Suite

Dynamics

PRODUCTIVITY

APPLICATION
INNOVATION

SECURITY &
MANAGEMENT

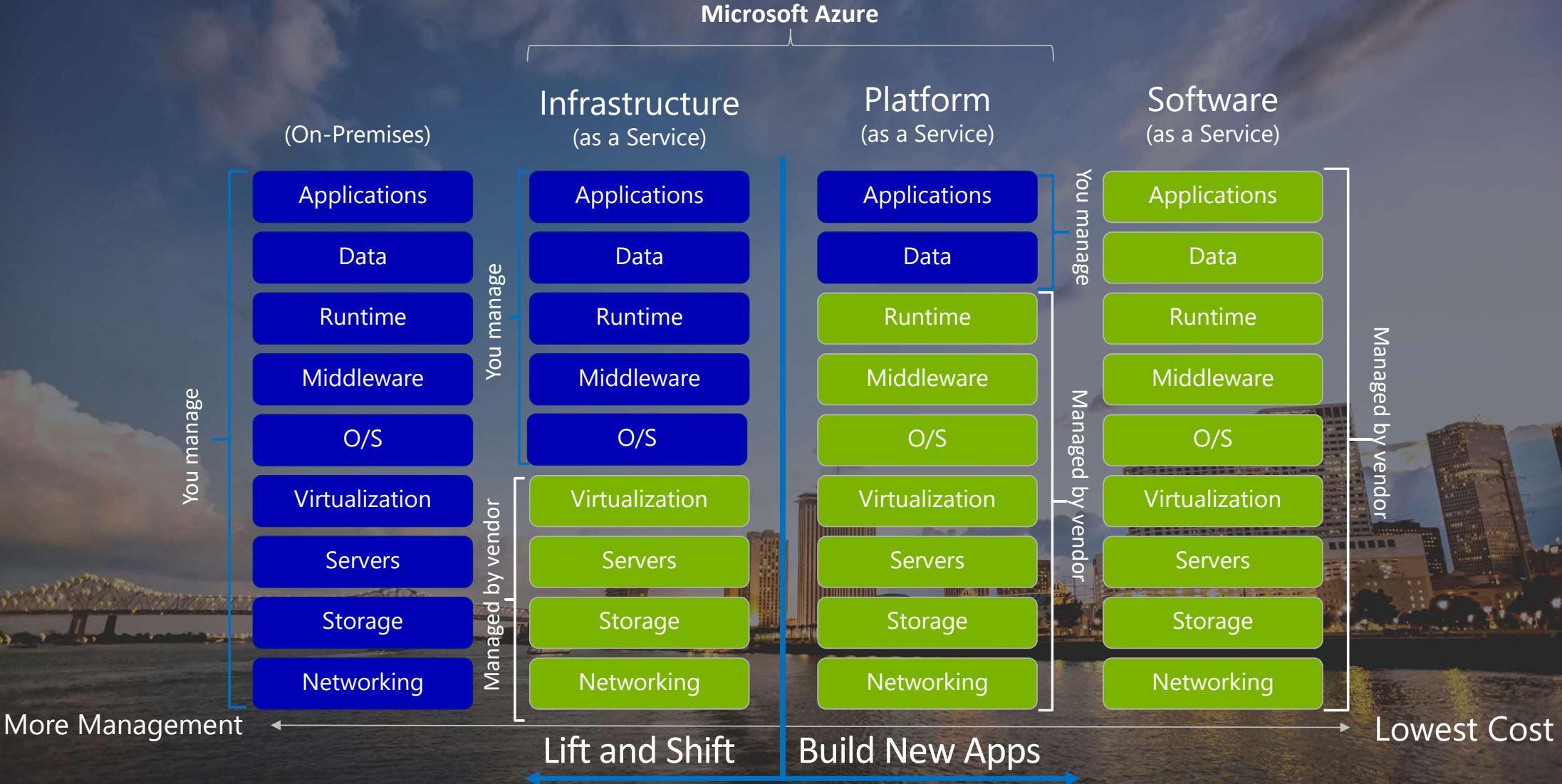
DATA &
INTELLIGENCE

BUSINESS
APPS






















































380+ Public Sector UK across Local/ Regional & Central Government, Public Safety/ National Security & Health using Azure.

Microsoft Azure : Shared Responsibility



Build and innovate with choice and flexibility

DevOps	 Nagios	 VAGRANT		 GRUNT				 Xamarin		
Management	 CHEF	 puppet labs	 ANSIBLE	 SALTSTACK			 mist.io	 libcloud		 SCALR CLOUD MANAGEMENT
Applications		 Joomla!	 Drupal		 APPRENDA					
App frameworks & tools	 php	 nodeJS			 Ruby		 eclipse			
Databases & middleware		 redis	 CLEARDB	 cloudera	 MySQL	 mongoDB.		 Couchbase		
Infrastructure			 redhat	 suse		 bitnami	 ORACLE LINUX	 FreeBSD	 docker	

Security & Management

- Security Center
- Portal
- Azure Active Directory
- Azure AD B2C
- Multi-Factor Authentication
- Automation
- Scheduler
- Key Vault
- Store/Marketplace
- VM Image Gallery & VM Depot

Platform Services

Media & CDN

- Media Services
- Media Analytics
- Content Delivery Network

Integration

- API Management
- BizTalk Services
- Logic Apps
- Service Bus

Compute Services

- Container Service
- VM Scale Sets
- Batch
- RemoteApp
- Dev/Test Lab

Application Platform

- Web Apps
- Mobile Apps
- API Apps
- Cloud Services
- Service Fabric
- Notification Hubs
- Functions

Developer Services

- Visual Studio
- Mobile Engagement
- VS Team Services
- Xamarin
- Application Insights
- HockeyApp

Data

- SQL Database
- SQL Data Warehouse
- DocumentDB
- SQL Server Stretch Database
- Redis Cache
- Storage Tables
- Azure Search

Intelligence

- Cognitive Services
- Bot Framework
- Cortana

Analytics & IoT

- HDInsight
- Machine Learning
- Stream Analytics
- Data Catalog
- Data Lake Analytics Service
- Data Lake Store
- IoT Hub
- Event Hubs
- Data Factory
- Power BI Embedded

Hybrid Cloud

- Azure AD Health Monitoring
- AD Privileged Identity Management
- Domain Services
- Backup
- Operational Analytics
- Import/Export
- Azure Site Recovery
- StorSimple

Infrastructure Services

Compute

- Virtual Machines
- Containers

Storage

- Blob
- Queues
- Files
- Disks

Networking

- Virtual Network
- Load Balancer
- DNS
- Express Route
- Traffic Manager
- VPN Gateway
- App Gateway

Datacenter Infrastructure (42 Regions)





Security within Azure



The most trusted and compliant cloud

<https://azure.microsoft.com/en-gb/support/trust-center/>

GLOBAL



ISO 27001



ISO 27018



ISO 27017



ISO 22301



ISO 9001



SOC 1
Type 2



SOC 2
Type 2



SOC 3



CSA STAR
Self-Assessment



CSA STAR
Certification



CSA STAR
Attestation

US GOV



Moderate
JAB P-ATO



High
JAB P-ATO



DoD DISA
SRG Level 2



DoD DISA
SRG Level 4



DoD DISA
SRG Level 5



SP 800-171



FIPS 140-2



Section 508
VPAT



ITAR



CJIS



IRS 1075

INDUSTRY



PCI DSS
Level 1



CDSA



MPAA



FACT
UK



Shared
Assessments



FISC
Japan



HIPAA /
HITECH Act



HITRUST



GxP
21 CFR Part 11



MARS-E



IG Toolkit
UK



FERPA



GLBA



FFIEC

REGIONAL



Argentina
PDPA



EU
Model
Clauses



UK
G-Cloud



China
DJCP



China
GB 18030



China
TRUCS



Singapore
MTCS



Australia
IRAP/CCSL



New
Zealand
GCIO



Japan My
Number Act



ENISA
IAF



Japan CS
Mark Gold



Spain
ENS



Spain
DPA



India
MeitY



Canada
Privacy
Laws



Privacy
Shield



Germany IT
Grundschutz
workbook

EU General Data Protection Regulation (GDPR)

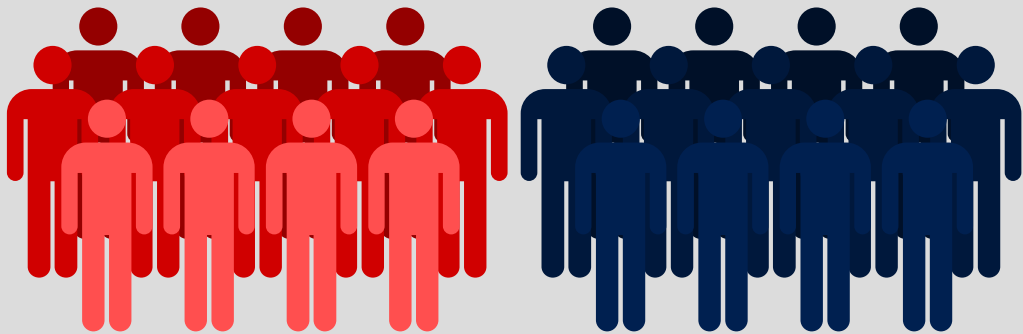
- Enhanced** personal privacy rights
- Increased** duty for protecting data
- Mandatory** breach reporting
- Significant** penalties for non-compliance

www.microsoft.com/GDPR



Assume Breach. Detect and Mitigate Threats

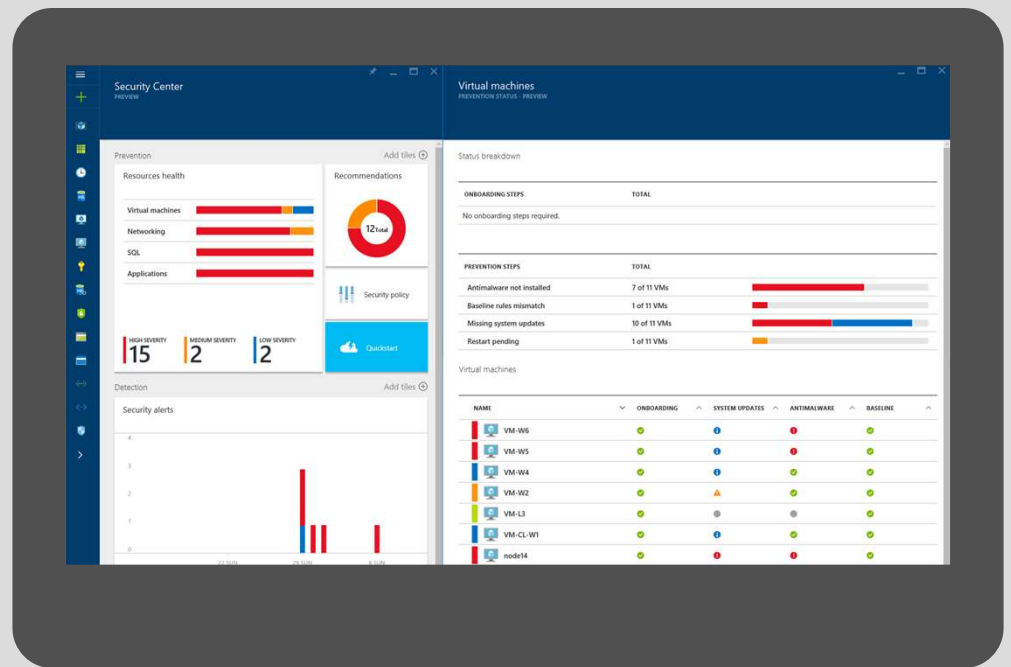
Securing the platform



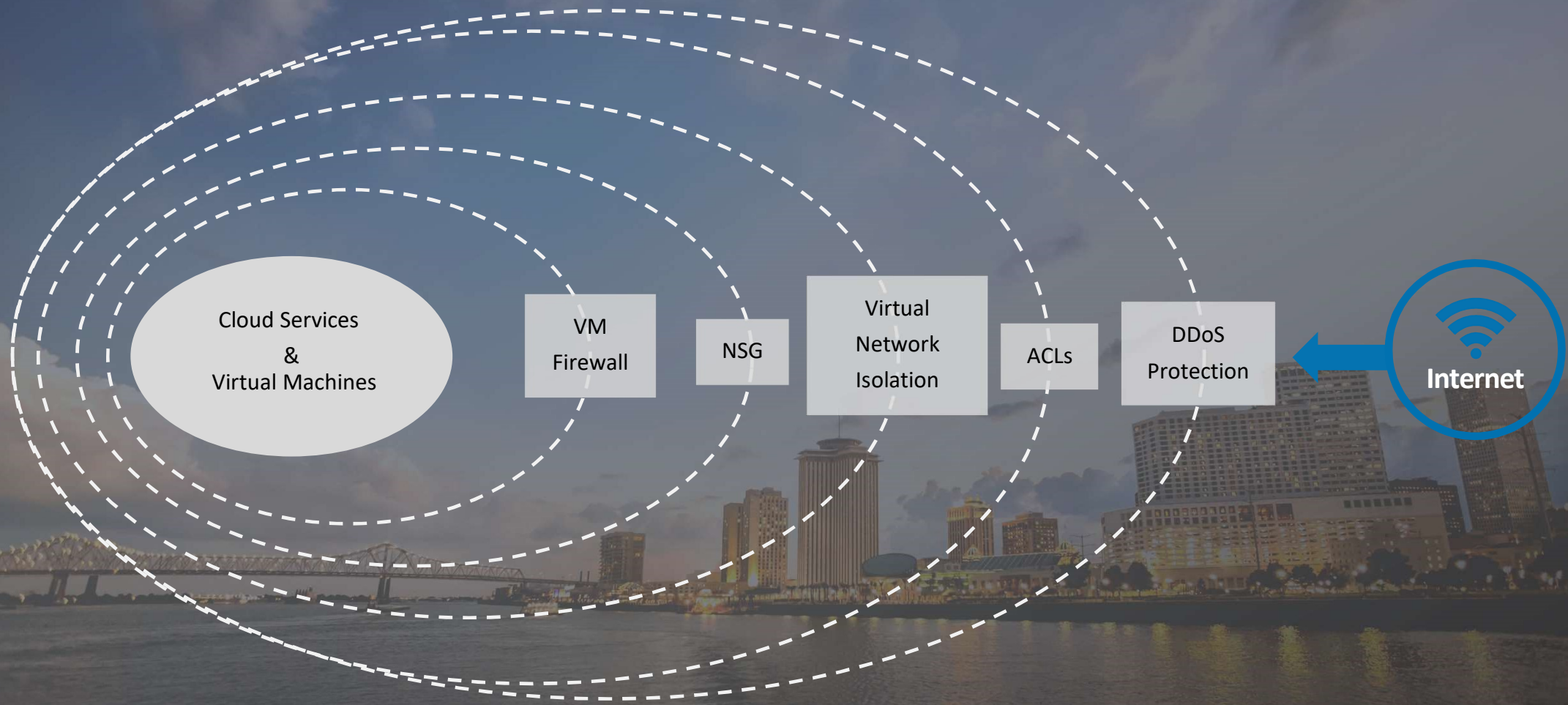
RED TEAM

BLUE TEAM

Empowering you



Layered Security, Protection and Isolation






Azure Active Directory



Microsoft Azure Active Directory

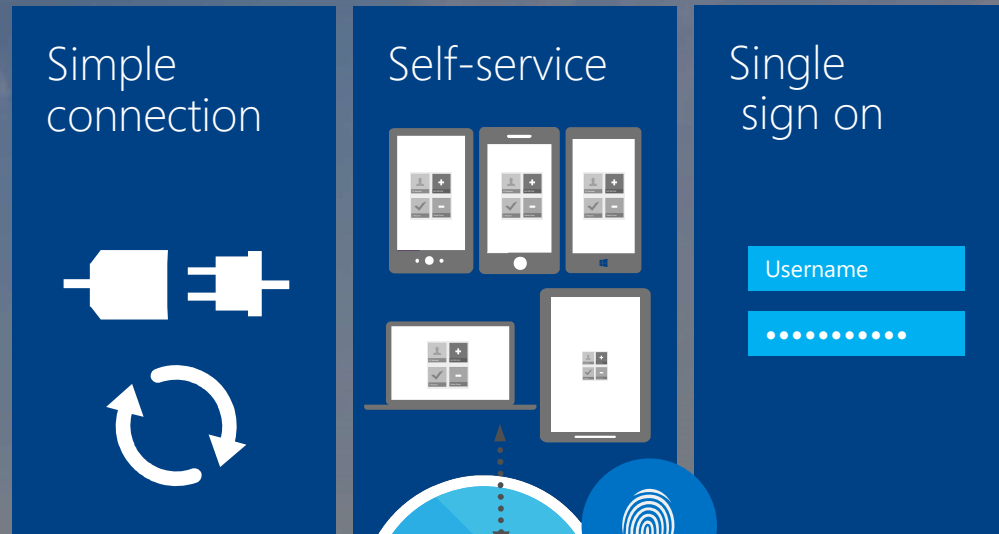
Identity as the control plane

 Windows Server Active Directory

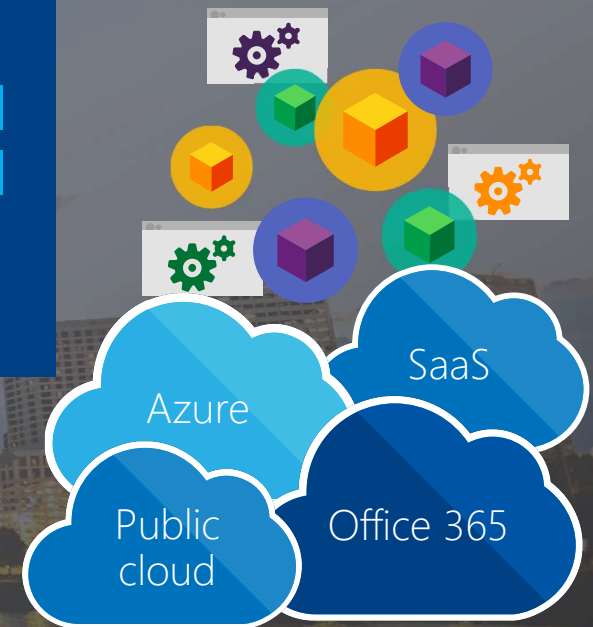
 Other Directories



On-premises



Microsoft Azure Active Directory



Azure

SaaS

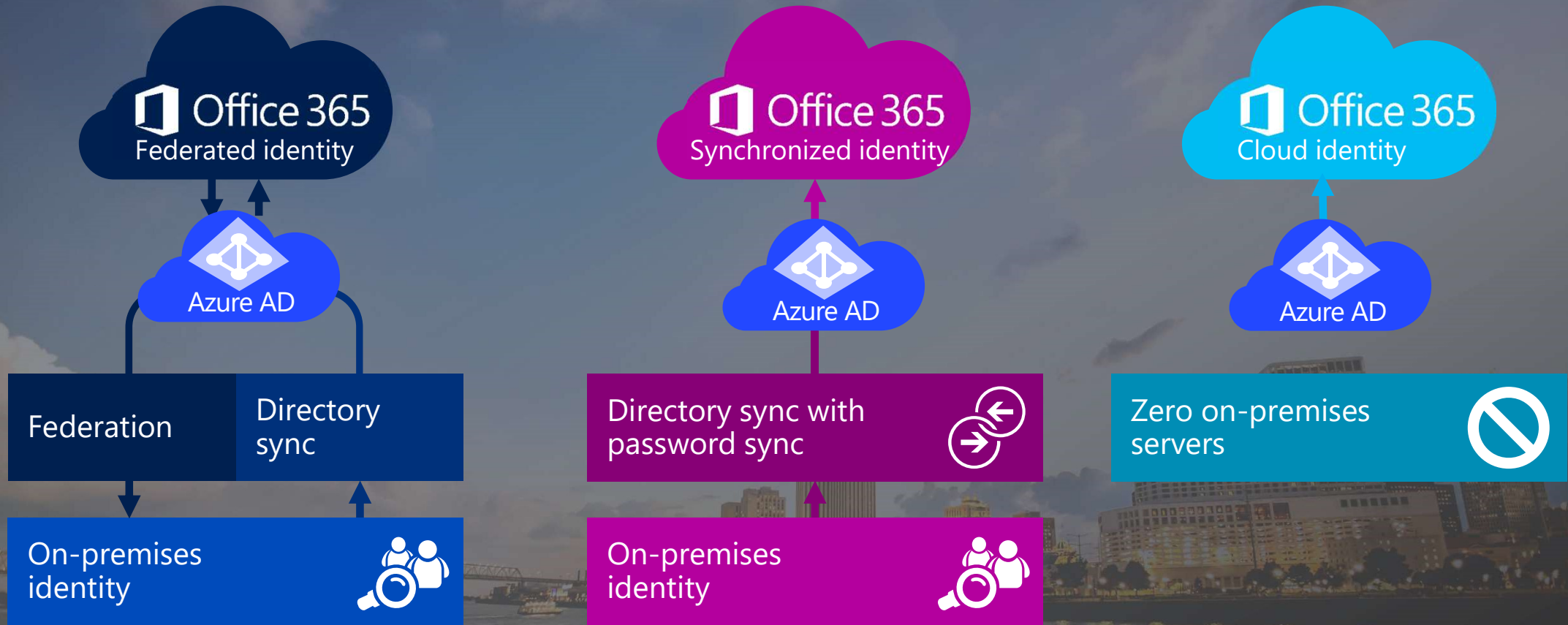
Public cloud

Office 365

Cloud

Using Azure AD for Office 365 Identity

3 Common Identity Models





Storage on Azure

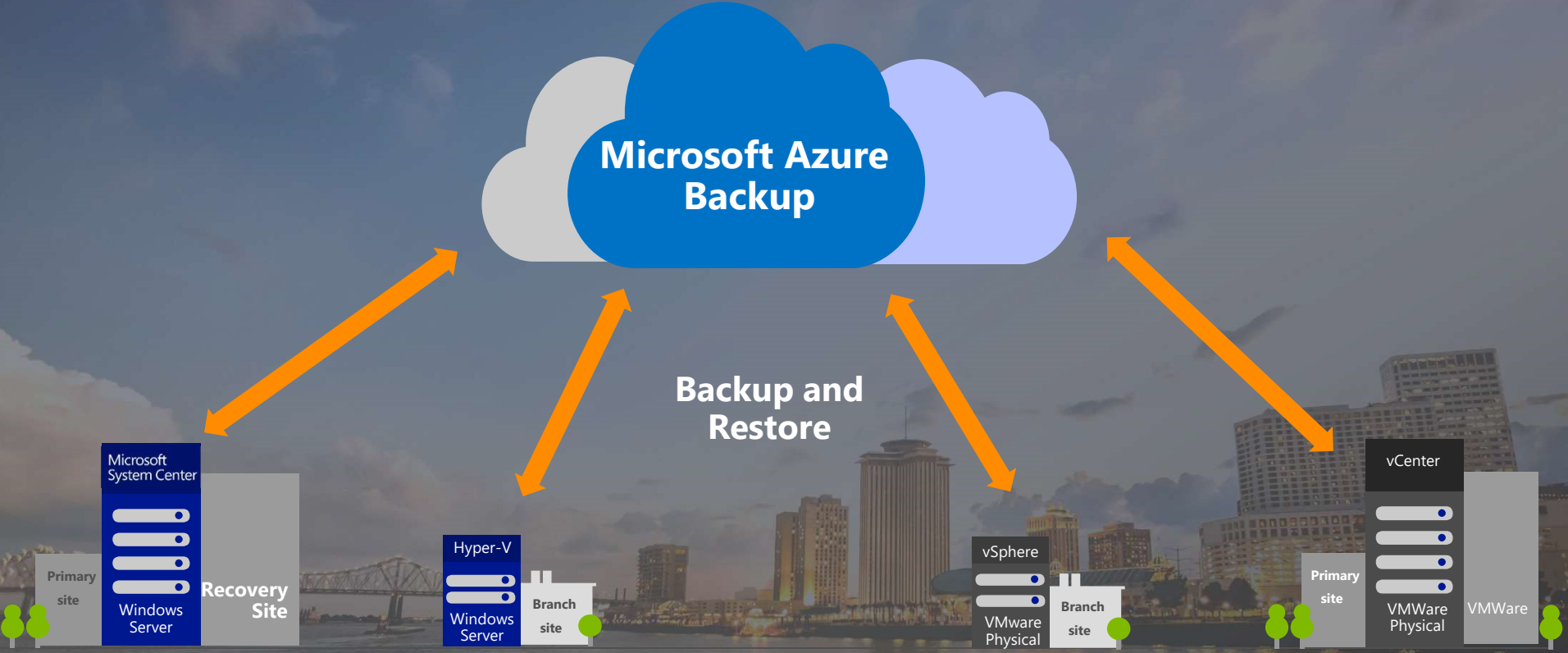




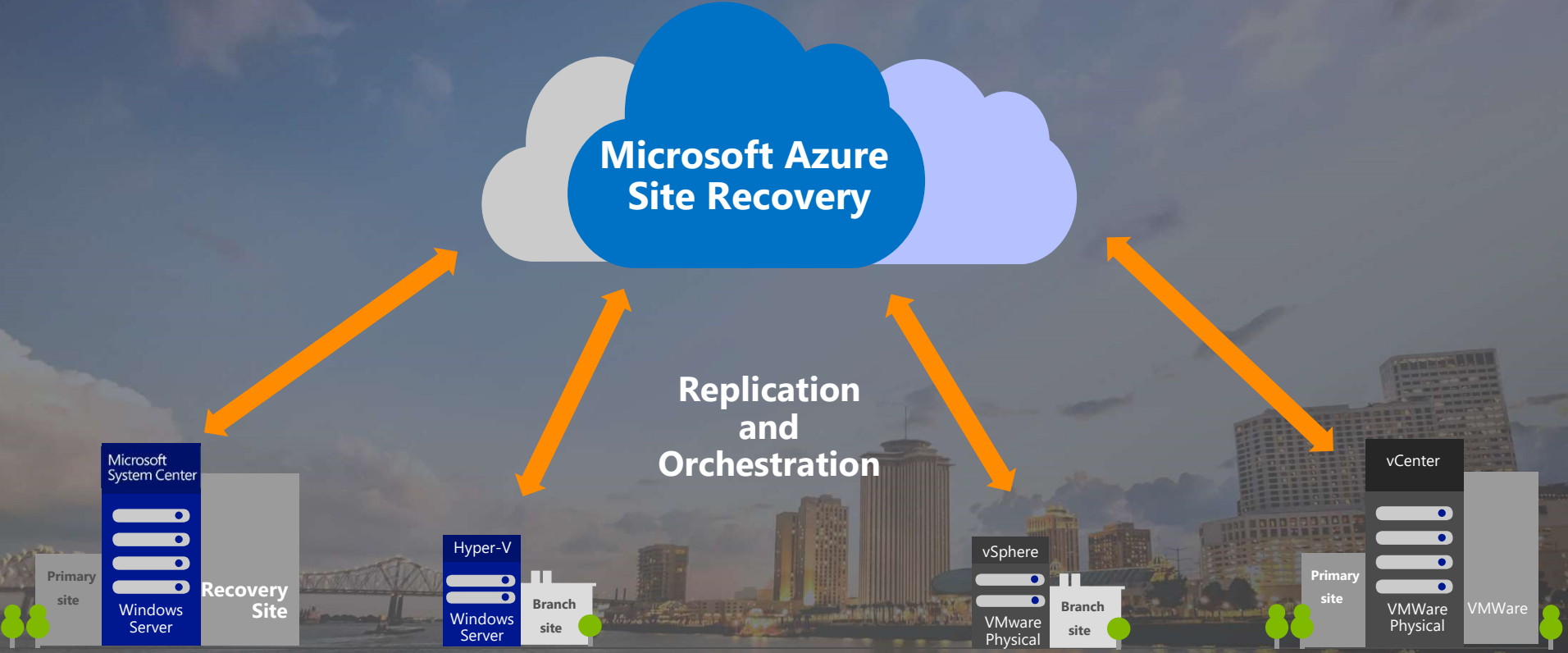
Azure Backup and Site Recovery



On-premises to Microsoft Azure protection with Azure Backup



On-premises to Microsoft Azure protection with Azure Site Recovery





Operations Management Suite



Time: Last 24 hours

Filter by name...

AD Assessment



AD Replication Status



Agent Health



Antimalware Assessment



Audit Collection Services (ACS) Dashboard



Azure Activity Logs



Azure Application Gateway Analytics

Performing Assessment

Learn how to configure solution:
<http://go.microsoft.com/fwlink/?linkid=839623>

Azure Network Security Group Analytics



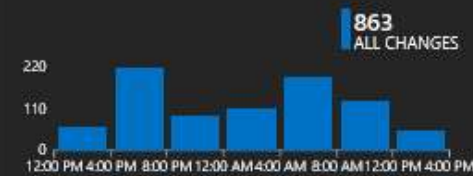
Azure Web Apps Analytics (Preview)



Capacity and Performance (Preview)



ChangeTracking



Container Monitoring Solution



Network Performance Monitor



OMS Workspace Billable Usage



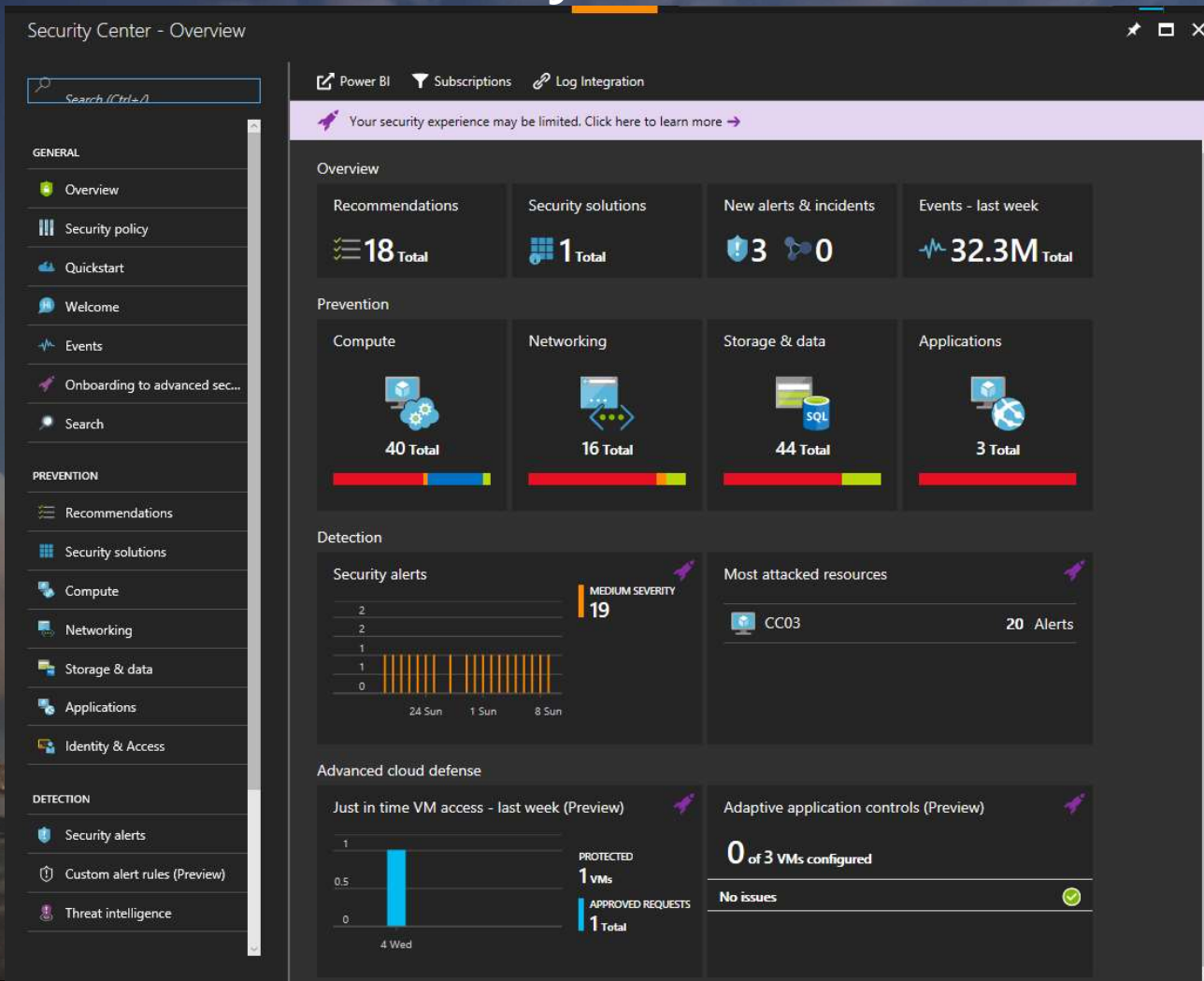
Performance BaseLine



Security and Audit



Azure Security Center



- Views by:
Computer,
Networking,
Storage and Apps
- Just in Time (JiT)





Any Questions?





Thank you,

Paul Edge
Microsoft EDU – Microsoft Learning Consultant
Paul.Edge@showcaseschool.org