



# EDLA Webinar

*Presented to the Mississippi School Districts  
Microsoft Windows Configuration Process*



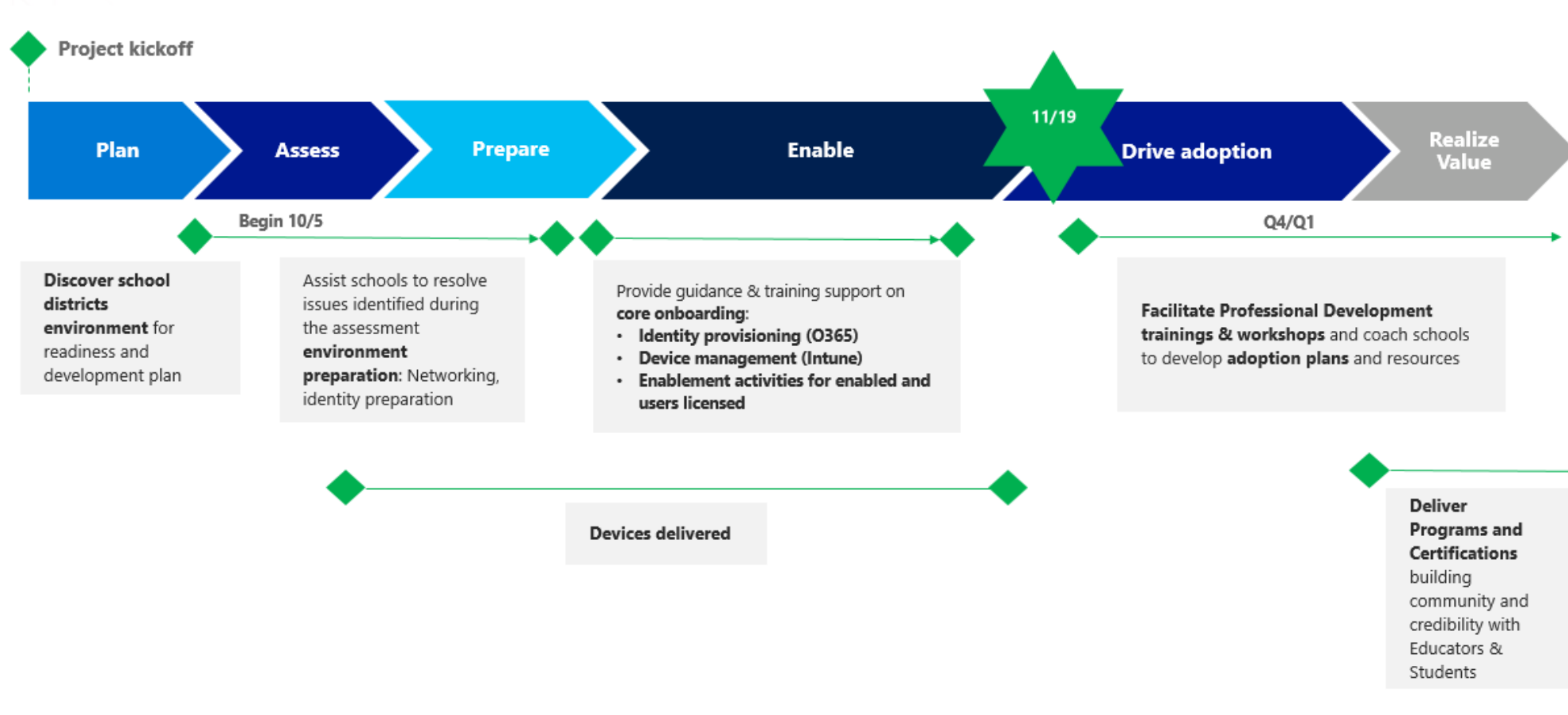
# AGENDA

- Introductions/Overview
- Windows Device Timeline
- Cloud Overview
- Provisioning Overview
- IT Technical Plan
- Q & A

# INTRODUCTIONS/OVERVIEW

- **Presenters**
  - Christian Anderson – CDW Program Manager
  - Samantha Richard – Microsoft Director of US Education
  - Ryan Catlin – Microsoft Education Technical Specialist
- **Overview**
  - District readiness
  - Microsoft Windows configuration including Windows registration, Intune, and FastTrack process
  - District Categories (Groups 1 – 3)
    - Based on current technology footprint and associated complexity, size and scale of deployment
  - Overall timeline
  - Next steps

# WINDOWS DEVICE TIMELINE



# CLOUD OVERVIEW

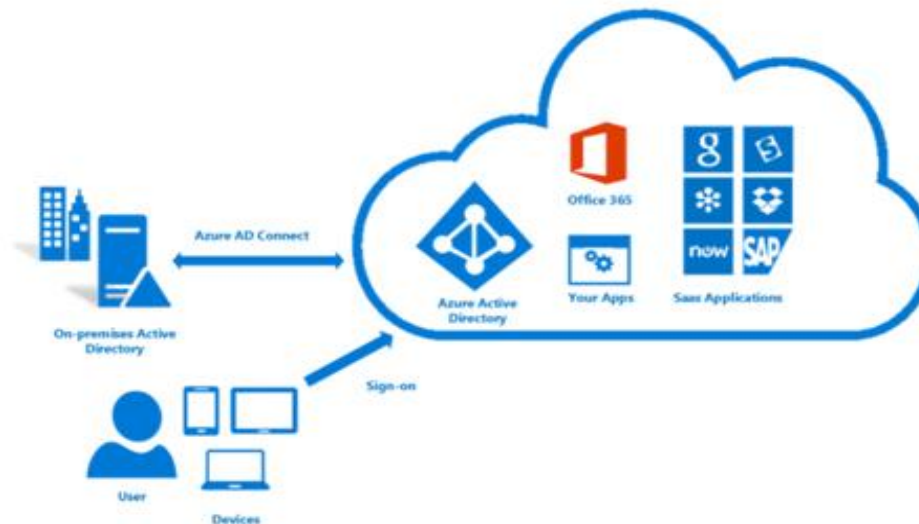
# AZURE ACTIVE DIRECTORY

Azure Active Directory (Azure AD or AAD) is Microsoft's cloud-based identity and access management service, which helps your employees sign in and access resources in:

- External resources, such as Microsoft 365, the Azure portal, and thousands of other SaaS applications
- Internal resources, such as apps on your corporate network and intranet, along with any cloud apps developed by your own organization

# AZURE AD CONNECT

This tool is used to synchronize your on-premises directories with Azure AD and makes your users more productive by providing a common identity for accessing both cloud and on-premises resources. With this integration users and organizations can take advantage of the following:



## Supported Operating System and Schema

- Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
- AD Schema version and forest level must be Server 2003 or later

# AZURE AD JOIN DEVICE

An Azure AD join device authenticates to Azure AD only for access to Office 365 applications and resources. It is not joined to your On-prem Domain.

- Windows deployments of work-owned devices
- Access to organizational apps and resources from any Windows device
- Cloud-based management (Intune) of work-owned devices
- Users to sign into their devices with their Azure AD or synced Active Directory work or school accounts
- Fast boot up times: seconds not minutes



# INTUNE

Microsoft Intune is a cloud-based service that focuses on mobile device management (MDM) and mobile application management (MAM). You control how your organization's devices are used, including mobile phones, tablets, and laptops. You can also configure specific policies to control applications.

- **Manage Devices**
  - Deploy security policies and custom settings
  - Review reports
  - Remove organization data if device is lost or stolen
- **Manage Apps**
  - Deploy Office 365
  - Deploy MSI, EXE, Store & Web apps, PowerShell scripts
  - Review installation reports
- **Compliance and Conditional Access**
  - Require mobile devices be compliant with organization standards defined in Intune before accessing network resources, such as email or SharePoint.

# PROVISIONING OVERVIEW



# PROVISIONING PROCESS

A Provisioning Package (PPKG) file will need to be created using “Windows Configuration Designer” found on Microsoft Store

Guided wizard to automate process of configuring base Windows 10 and join to Azure Active Directory (AAD) and enroll into Intune for device management



## Windows Configuration Designer

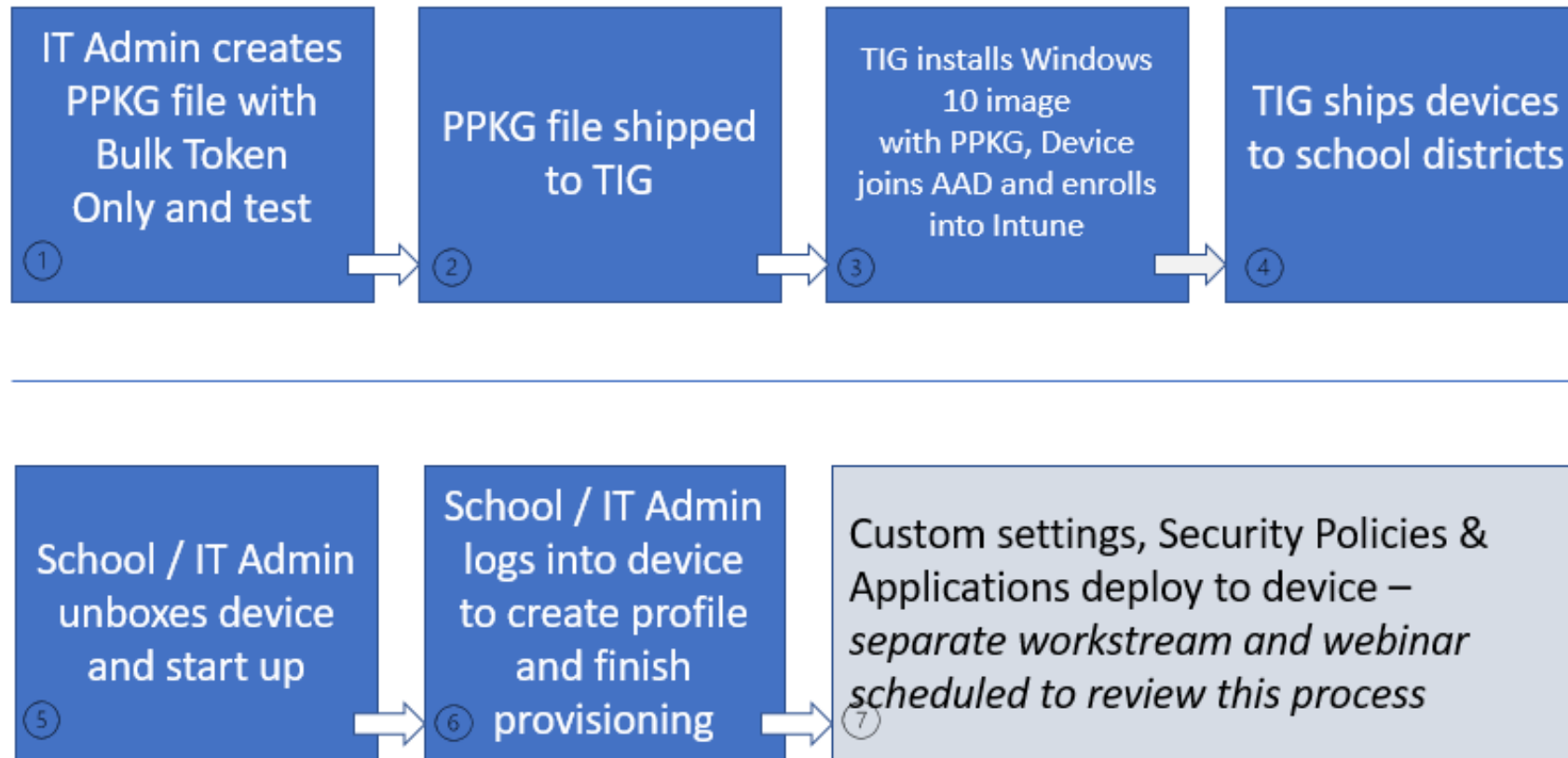
Microsoft Corporation

★★★★★ 51 [Share](#)

Configure Windows devices without imaging. Use the Windows Configuration Designer App to simplify deployment of Windows devices at your organization. WCD allows configuration of many aspects of

- Prerequisites:
  - Azure AD and Intune configured first
  - Install WCD tool on Windows 10 build 1903 or higher

# GROUP 2 & GROUP 3 PROVISIONING PROCESS FLOW\*



\*Note: Group 1 may vary from this process

# **IT TECHNICAL PLAN**

## **WINDOWS DEVICES AND MODERN MANAGEMENT**



# GROUP 1

DeSoto	Marion
Harrison	Lawrence
	Copiah

- **Support Offered**
  - Based on complexity and readiness
  - Districts will work remotely with CDW & TIG specialists through technical talks and checkpoint meetings to deploy the new devices within your existing environment
- **Next Steps**
  - Next week: CDW & TIG will be scheduling calls to meet with IT Admins to kick off project
  - Number and length of calls to be determined by footprint & complexity

## GROUP 2

Columbus Municipal	Neshoba County
Greenville Public	Noxubee County
Gulfport	Quitman County
Hazlehurst City	South Panola
Jackson County	Starkville Oktibbeha Consolidated

- **FastTrack for Microsoft 365:**
  - FastTrack provides end-to-end guidance about moving to and using Microsoft 365. You receive remote guidance and best practices on planning a successful rollout.
  - You work remotely with FastTrack Specialists through technical talks, workshops, and checkpoint meetings.
  - Includes: O365 Tenant, Azure Active Directory, SDS, License Users, Manage Devices

# GROUP 2 NEXT STEPS

- **This Week**
  - "Request for Assistance" will be submitted for each school district to Microsoft FastTrack
- **Week of Oct 5th**
  - FastTrack Manager and Engineer will be assigned, and will be in contact to begin scheduling work
  - Commit to 1-2 hours each call



## GROUP 3

# All Remaining School Districts

- **Support Offered**
  - Online Documentation
  - Intune How-to video's
  - Azure AD and Intune webinars
  - Community Team
  - CDW & Microsoft Specialist

# GROUP 3 NEXT STEPS

- **This Week**

- Email will be sent out with documentation links for Azure AD and Intune

- **Week of Oct 5<sup>th</sup>**

- Intune How-To video's will be published and available for viewing
  - 8 Modules with lectures and walkthroughs
  - Total of 2.5 hours of content

- **Week of Oct 12<sup>th</sup>**

- Azure AD and Intune webinars will be scheduled
  - 2 Azure AD and 2 Intune
  - Each webinar will be roughly 2-3 hours

# Q & A