Introducing Express Deployment Tool for Windows 10

USER GUIDE 3.0.0.0
Express Deployment Tool Features

1. One tool for Customization and Branding
2. Language Interface Packages (LIPs)
3. Office 2016 Pre-Installation
4. Updates – SSU and GDR
Express Deployment Tool for Windows 10 (version 1703)

Download EDT
http://aka.ms/edtsb

EDT User Guide
https://aka.ms/edtsb/userguide
Prerequisites
Hardware Prerequisites
- Technician Computer
- Reference Computer
- 1 USB Drive (8 GB+)
- 1 USB Drive (32 GB+)
- Network Share (Optional)

Software Prerequisites
- ADK
- Windows OS OPK
- Language Interface Packs (LIP’s)
- Office Deployment Tool OPK
- Office 2016 OPK
- Updates – GDR & SSU
- Logo/Wallpaper
- Drivers
Express Deployment Tool
Create Image
Express Deployment Tool - Installation

Get Windows ADK for Windows 10, version 1703

Express Deployment Tool for Windows 10
Create New Project and Name the project
EDT - Add Windows OPK
EDT - Add Windows OPK

Add Windows OPK
EDT- Mount Project
Branding the Device

1. Complete OEM information
2. Set Logo and Wallpaper
Offline Servicing - Adding Drivers

Inject Drivers for
- Windows
- WinRE
Driver installation recommendations

Use drivers that install via INF instead of SETUP.EXE
Enables you to install the driver offline (faster) or online (slower)
WICD, DISM and Windows Update only support INF driver installation

Only install applicable driver architecture
IHVs may deliver the driver package that includes both x86 and x64 binaries, only install the applicable architecture not both

Bundled hardware apps
Apps that are bundled with the driver consume additional disk space and memory footprint
Check dependency on functionality and impact (e.g., responsiveness, battery life, media playback)

Scavenging Drivers
Use DISM to export currently installed drivers to individual folders
\`dism /online /export-driver /destination:<folder path>`
Offline Servicing – Language Interface Pack

- LIPs injected Offline
- Install.wim
- WinRE.wim
- Set Default Time Zone and Language
EDT seamlessly allows you to preinstall Office 2016 to your image.

1. Add Office Deployment Tool
2. Add Office OPK
3. Inject Office

Note:
- If Office OPK is 16.2.1, please type “HomeStudentRetail” otherwise type “O365HomePremRetail”
- For Office Mobile Preinstallation, please use “Applications Tab”
Offline Servicing - Apply Updates

EDT enables you to keep your images up to date.

- Inject latest SSU & GDRs offline
- Update for Windows & WinRE
Finalize

EDT will enable you to
- Create WinPE
- Create Storage USB Device
Additional Features
EDT - WinPE ENHANCEMENTS

Windows Preinstallation Environment (WinPE)
Create your WinPE for all preinstallation processes.

Settings
Processor Architecture
- X64
- X86

Network Share Settings
- Activate network share

- Machine Name:
- User Name:
- Password:

Tip:
WINPE SETTINGS

Activate Network Share Settings
Additional Features
EDT - WinPE ENHANCEMENTS

Tip:
ADD Drivers to WINPE
Additional Features
EDT - WinPE ENHANCEMENTS

Tip:
Finalize
Create USB Drive for WinPE
Additional Features - Workspace

Select Workspace for EDT
Additional Features

CHANGE EDT LANGUAGE

Tip:
Change EDT Language
Additional Features

CHANGE EDT LANGUAGE

Tip:
EDT Language Settings
does not take effect until
the EDT is restarted
Additional Features

EDT - Create Storage USB Without Mounting

Tip:
Right Click ->
Create Storage USB
without mounting project
Additional Features

EDT - Create a Duplicate Project

Tip:
Right Click ->
Create Duplicate Project without mounting
Additional Features
EDT - Create a Duplicate Project

Tip:
Right Click -> Create Duplicate Project without mounting
Add Project Name
Additional Features - Log

EDT Log

Please provide EDT log and DISM log when you find an issue

DISM Log: "C:\Windows\Logs\DISM\dism.log"
Additional Features

EDT - HELP

Tip: EDT Help

User Guide
Feedback
License Agreement
Deployment
Deployment Process Overview

1. Apply Image to Reference Computer
2. Complete Audit Mode
3. Capture Image
4. Apply Image to Destination Computers
Step 1
*Apply Image to Reference Computer*

1. Apply Image to Reference Computer
2. Complete Audit Mode
3. Capture Image
4. Apply Image to Destination Computers

- Boot to WinPE
- Insert Storage USB
- Apply Image
- Click Exit & Reboot
Deployment - Apply Image

Boot to WinPE
Insert Storage USB
Click “Apply Image”
Deployment - Apply Image

Select Windows Image
Select WinRE image
Apply Image to Reference Computer

Note:
- EDT can apply images to selected disk.
- Compact OS should not be activated while applying image to Reference Computer.
Step 2
Complete Audit Mode

1. Apply Image to Reference Computer
2. Complete Audit Mode
3. Capture Image
4. Apply Image to Destination Computers

- Boot to Audit Mode
- Install Drivers and Applications
- Office Installation
- Audit Mode Process
Deployment - Online Servicing

Installing Drivers and Applications
Deployment - Office Installation

Office 2016 Deployment Starts

Installing Office
We'll be done in just a moment.
Deployment - Office Installation

You're all set! Office is installed now
Click Start > All Apps.

Office 2016 Deployment Completes
Deployment - Audit Mode Process

- Recovery Files Copied
- Clean up image
- Scanstate kickoff
Deployment - Audit Mode Process

- Sysprep with Generalize
- Image Ready for Capture
Step 3
Capture Image

1. Apply Image to Reference Computer
2. Complete Audit Mode
3. Capture Image
4. Apply Image to Destination Computers

- Boot to WinPE
- Insert Storage USB
- Capture Image
Deployment - Capture Image

- Boot to WinPE
- Insert Storage USB
- Click “Capture Image”
Deployment - Capture Image

- Select Final Image
- Select Windows Disk Partition
- Capture Image
Step 4
Apply Image to Destination Computers

1. Apply Image to Reference Computer
2. Complete Audit Mode
3. Capture Image
4. Apply Image to Destination Computers

- Boot to WinPE
- Insert Storage USB
- Apply Image
- Reboot
Deployment - Apply Image to Destination Computers

- Boot to WinPE
- Insert Storage USB
- Click “Apply Image”
Deployment - Apply Image to Destination Computers

- Select Windows Image
- Select WinRE image
- Apply Image to Destination Computers

Note: Compact OS can be activated while applying image to Destination Computers.
Deployment - Apply Image to Destination Computers

On the Sysprep screen,
- Select Shutdown Option
- Click “OK” to reseal into OOBE and Shutdown

System is ready!

Note: Do not select “Generalize”.
EDT – Limitations & Known Issues

- Only supports technician PC installed with Windows 10 (1511, 1607 & 1703)
- Does not support image creation of Windows 10 (1511) and Windows 8 versions
- Office PIPC is not supported in this version
- Windows 10 Enterprise not supported
- Please follow OEM Policy Document

- Some USB disks may not be recognized by EDT
- Minor updates to UI pages
- Cosmetic formatting updates
Express Deployment Tool

Behind the Scenes
XML Files

- Unattend.xml
- LayoutModifications.xml
- UnattendSysprep.xml
- OfficeConfiguration.xml
DISM Commands

- EDT runs DISM Commands, No private API Calls
- Scripts to Automate Deployment of Windows & Office

Express Deployment Tool for Windows 10
Additional Resources

Windows 10 ADK
Windows ADK for Windows 10

Contact OTSQR

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