



How Wanstor can help you:
**Migrating from Windows 7
to Windows 10**

An Overview



At Wanstor, we believe that now is the time for IT departments to start their journey from Windows 7 to Windows 10.

Microsoft's latest operating system presents an entirely new challenge when it comes to migration.

Major desktop upgrades no longer take place every five to seven years. Windows 10 is now delivered '*as a service*', meaning that it receives major updates twice a year, with each version supported for 24 months at a time.

Microsoft have made this change so their operating systems can keep pace with evolving mobile operating systems.

Because of this, end-user IT administrators now operate in a state of constant migration - and must adapt their approach to cope with this brave new world.

In order to perform Windows migrations properly, IT teams need processes that account for the computer, for corporate-approved applications and for user-related data

Why should your business upgrade to Windows 10?



Windows 7 goes **end-of-life** in **January 2020**



Significant **security improvements** vs Windows 7



Minimize productivity loss due to **IT failures**



Faster access to **innovative features** and **improvements**



Better **life cycle management** for **applications**



Increased **visibility, transparency** and **control** of IT change



Showcase the **benefits** of **automation**



IT processes more **integrated** with **business requirements**

What is Windows 10?

Windows 10 gives users the tools to do more and stay secure. It enables them to harness the power of the cloud, and help IT teams reduce the complexity of managing today's modern IT device environment.

<p>Intelligent security Advanced security powered by cloud intelligence, proactively protecting your business</p>	<p>Simplified updates Tools to simplify deployment and updates, freeing your resources to drive more business value</p>
<ul style="list-style-type: none"> ▪ Windows Hello for Business ▪ BitLocker and BitLocker to Go ▪ Windows Information Protection ▪ Windows Defender Credential Guard ▪ Windows Defender System Guard ▪ Windows Defender Application Guard ▪ Windows Defender Application Control ▪ Windows Defender Exploit Guard 7 ▪ Windows Defender Antivirus ▪ Windows Defender ATP 	<ul style="list-style-type: none"> ▪ Windows Server Update Service (WSUS) ▪ Windows Update for Business ▪ Desktop Analytics Upgrade Readiness ▪ Desktop Analytics Update Compliance ▪ Desktop Analytics Device Health ▪ Windows Insider Programme for Business ▪ Express Updates ▪ Delivery Optimization ▪ 30 months support for September 2019 ▪ Windows 10 LTSC Access
<p>Enhanced productivity Intuitive user experience with tools and features to help people collaborate and work efficiently</p>	<p>Flexible management Comprehensive device management on your terms that supports on-premises, cloud, or both</p>
<ul style="list-style-type: none"> ▪ Microsoft Search in Windows ▪ Windows user experience ▪ Microsoft Edge ▪ Cortana ▪ Office 365 ▪ Microsoft Whiteboard ▪ OneNote for Windows ▪ Work across devices ▪ Accessibility ▪ Windows Ink 	<ul style="list-style-type: none"> ▪ Kiosk mode ▪ Windows Shared Devices ▪ Windows AutoPilot ▪ Cloud Activations ▪ Hybrid Azure Active Directory ▪ Microsoft Store for Business ▪ Mobile Device Management ▪ Mobile Application Management ▪ Manage user experiences ▪ Windows Virtual Desktop Use Rights ▪ Microsoft Application Virtualisation ▪ User Environment Virtualisation

Wanstor Migration Service Components

Wanstor's Windows 10 Migration Service allows your IT team to choose from a comprehensive set of planning components and process accelerators that support every aspect of Windows 10 migration.

These components can be taken as an end-to-end service or purchased separately to suit your organisation's unique requirements, including:

Assessment Service: Wanstor works with you to identify all business and technical requirements of the transition in analysing readiness of your hardware and software for upgrade, also providing actionable insights into your IT estate. We assess which applications will function post upgrade, which will need upgrading or remediating, and what actions to take to maintain compliance with software license requirements.

Target Design Model: We define target migration scenarios for each device and group of users, simulating different migration scenarios, associated transformation programs, and the impact on target migration models with associated costs, benefits, timelines and risk. We then design the optimal target model, planning architecture and device deployment plans.



Key Phases of the Windows Migration Service

Wanstor Migration Service Components

Transformation Projects: Our cross-industry insights help to improve the value and benefits of a Windows 10 migration, including application remediation or rationalization initiatives, services helping you move to improved workplace architecture, separation of data, profiles and applications from end-point devices, and synchronizing user data to cloud or hybrid storage.

Deployment Services: Using automated deployment systems, we can accelerate the successful on-boarding of users, enabling individuals to schedule migrations online and receive support throughout the process.

Add-On & Managed Services: Once migration to Windows 10 is complete, Wanstor can assist further with a variety of managed services offerings, from refining your cloud strategy through data services to managing your workplace and end user computing environment.

1

ASSESS & ANALYSE

- + Devices
- + Data
- + Applications
- + Locations
- + User Activities

2

PLAN & DESIGN

- + Target Architecture
- + Transformation Plan
- + Transformation Planning
- + 3D Target Matrix
- + Deployment Methods

3

MIGRATE & DEPLOY

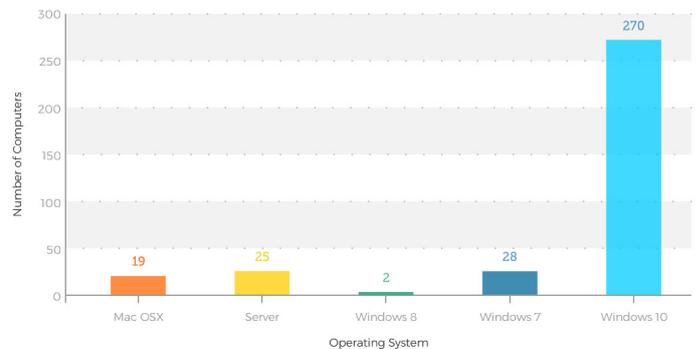
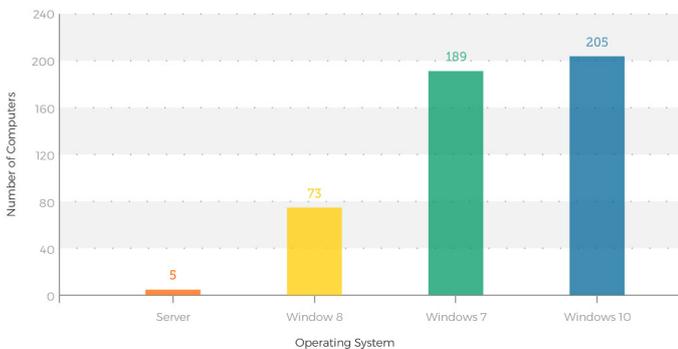
- + Build Migration Infrastructure
- + Prepare Target Architecture
- + Application Transformation
- + Data Migration
- + Device Enrollment

In Focus: Accurate and up-to-date IT asset details

In today's ever-changing IT environments, IT teams must have current information about software and hardware across their organisation.

Manual compilation and reconciliation of IT assets requires significant effort, is often error prone and also outdated before reported on.

Wanstor use ManageEngine's Desktop Central web-based inventory management system, giving IT teams full view of all IT assets and automating IT asset management's manual reporting tasks. When upgrading to Windows 10, IT Managers should take the time to use an IT asset management tool to truly understand their IT estate.



Examples of ManageEngine's Inventory Tool for Asset Management

Desktop Central offers the following Hardware Inventory Reports:

Computers by OS

Details computers by operating system including name, OS version, service pack, virtual memory, visible memory

Computers by Manufacturer

Details computers by manufacturer including computer name, manufacturer, model, system type, physical memory

Computers by Memory

Details computers based on RAM size including computer name, manufacturer, model, system type, physical memory

Computers by Age

Details computers by year of manufacture including computer name, installation details, domain name and description

Computers by Device Type

Details individual computers based on specific hardware type including laptops, portable computers and desktops

Hardware Manufacturers

Provides a list of hardware manufacturers along with itemised product count and software installation count

Hardware Types

Provides a list of hardware detected across the entire network

Alert Notifications

Enables sending of email notifications to IT administrators once new hardware is detected being added to the network

In Focus: OS Imaging and Deployment

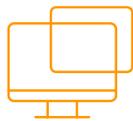
OS imaging and deployment is often a critical part of IT administration.

This task can also quickly become tedious and time-consuming.

Wanstor uses ManageEngine's Desktop Central tools to automate the disk imaging and deployment process, saving a significant amount of time and effort during any migration project process.

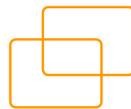
By using tools which automate the imaging and deployment of OS's many potential errors are eliminated. The OS imaging and deployment tool enables IT personnel to capture the images of different OS versions, customise the images for deployment, and deploy the images to a new system right from the Desktop Central console.

Feature Highlights



Remote Office Management

From an internet connected location you can seamlessly deploy OSs to all remote office computers. Standardise your branch office OSs while saving time and money



Modern Imaging Techniques

Automatically capture active or inactive computer images using intelligent online and offline imaging techniques, storing your images in a centralized repository



Customised Deployment Templates

Customise captured images by creating deployment templates suitable to different employee roles or departments within your organisation



Advanced Unique Deployment Techniques

A secure deployment technique for image deployment via unique authentication passcodes. Boot any network computer and deploy OSs via these unique passcodes



Post-deployment Configurations

Define settings for target computers and configure post deployment activities to automatically install applications after successful OS deployment



Hardware-independent Deployment

Deploy images to any network system irrespective of hardware and vendor type - no hardware or vendor specific images during OS deployment



Making the most of the opportunity

The move to Windows 10 presents an excellent opportunity to re-assess and rationalize hardware and application estates. It gives IT teams the chance to review workplace processes, with many infrastructure elements and IT initiatives impacted by the move. It's also a great time to refine cloud strategy and determine which hardware and application resources might best be migrated to private cloud, public cloud or a combination of the two.

Wanstor's Windows 10 Migration Service provides options that support not only existing IT technologies and initiatives but also forward-looking strategies, which can help you to:

- + Migrate on-premises workspace and applications to cloud-enabled models, expanding your cloud choices and business value of the cloud
- + Retain and optimize existing data and applications for Windows 10
- + Rationalize software in identifying potential compliance issues or opportunities for savings
- + Refresh or replace hardware tailored to capabilities and requirements of the new OS
- + Transform OEM bare-metal hardware into enterprise-ready devices
- + Partially or fully automate provisioning and associated processes

As a Microsoft Gold Partner, Wanstor can transform your Windows 10 migration into a strategic win for the IT department, end users and the wider business. We can help unlock value in Windows 10, allowing you to:

- + Create an employee IT experience helping you attract and retain top talent
- + Modernize and optimize your IT infrastructure and cloud strategy
- + Rationalize your software in optimizing licensing decisions
- + Accelerate digital transformation initiatives
- + Showcase the value of IT as a business partner

Wanstor can help you migrate to Windows 10 quickly and efficiently, with minimal disruption to IT or end users. Our proven methodologies for Windows migrations mean your wider IT estate and end user computing experience are front of mind at all times, connecting your strategic objectives to your business priorities.



Why choose Wanstor for your Windows 10 Migration?

We are a Microsoft Gold Partner

Over 15+ years experience in Microsoft OS migrations

Over 100+ Microsoft accredited engineers & support staff

We ensure software license compliance remains intact after upgrades

Real time view of projected versus actual migration progress

Dedicated project management teams

Consistent security standards maintained throughout migration

Proactive end user communication around upgrade progress

Automated imaging & deployment with faster rollout times

Extensive preparation reducing traffic on networks

At Wanstor, we know a migration to Windows 10 requires skilled planning and execution. We offer a range of professional services to help you design, deploy and manage migrations to Microsoft Windows 10.

For more information about the services we offer around migration to Windows 10, call us on 0333 123 0360, email us at info@wanstor.com or visit us at www.wanstor.com

“Windows 10 migration does not have to be a difficult, disruptive ordeal, and you do not have to go it alone. Wanstor can connect you with the expertise, experience, and Microsoft technologies to make this move simple, fast, and strategic.”

Manmit Rai

Operations Director

Wanstor

