

# Course : Windows 11, deployment

**Discover Microsoft's new operating system**  
**Practical course - 4d - 28h00 - Ref. W1D**  
**Price : 2260 € E.T.**

 4,4 / 5

## Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Positioning Windows 11 in Microsoft's offering
- ✓ The different versions
- ✓ Hardware requirements
- ✓ Installation types and methods, upgrading to Windows 11
- ✓ Upgrading to Windows 11 from a previous version
- ✓ License management and new authentication process
- ✓ List of supported processors

## Intended audience

System and network technicians, administrators and engineers.

## Prerequisites

Basic computer skills.

## Practical details

### Hands-on work

Windows 11 installation and deployment.

## Course schedule

### PARTICIPANTS

System and network technicians, administrators and engineers.

### PREREQUISITES

Basic computer skills.

### TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

### ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

## 1 Deploying Windows 11

- Microsoft solutions (ADK, MDT, WDS).
- Windows 11 image capture.
- Preparation and creation of WIM images.
- Customize a WIM image (add drivers or software).
- Boot options (WIM/PE).
- Automate deployment methods.
- Migration of user profiles. Work in progress.

### Hands-on work

Preparation and creation of WIM images, installation of Windows 11 in a VHDX.

### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.

## 2 Configuring hardware and software

- Device management (updates, uninstallation, signature, etc.).
- USB device management.
- Verification of hardware compatibility.
- Set up software restriction strategies.
- Web browser security configuration.

### Hands-on work

Install and configure device drivers.

## 3 Working environment

- What's new in the Windows 11 interface.
- The new Start menu, the Internet browser.
- Virtual offices.
- Convergence of mobile interfaces for tablets and PCs.
- Visual (picture) and PIN passwords.
- Improving desktop performance. Hidden shortcuts.
- The Task Manager (simple and detailed views) and its heat map.
- The registry.

### Hands-on work

Getting to grips with the user environment. Customize the workstation.

## 4 Setting up network connectivity

- Configure TCP/IP network settings.
- Name resolution support for TCP/IP.
- Configure network parameters.
- Wired or wireless connection configuration.
- Setting up the firewall.
- Advanced firewall configuration.
- Remote administration.
- Introduction to PowerShell.

### Hands-on work

Network configuration. IPv4 and IPv6 configuration.

## 5 Configure access to resources

- Configuring Windows 11 resource sharing.
- Define access authorizations for shared resources.
- Set up a file encryption strategy (EFS).
- Define file access authorizations.
- User access control (UAC) configuration.

### Hands-on work

Data sharing between multiple machines, Live account configuration in Windows 11.

## 6 Optimizing for mobile computing

- BitLocker implementation.
- Administration of BitLocker recovery keys.
- Introducing DirectAccess.
- Optimization of mobility functions (file sharing cache and power supply).
- Configure remote connections (VPN, NAP, Remote Desktop, etc.).

### Hands-on work

Using the Live account in Windows 11. Setting up BitLocker.

## 7 Monitoring and maintenance

- Setting up the Windows 11 update strategy.
- Disk space management (dynamic disks, partitions, etc.).
- Recovery options in Windows 11.
- Partition maintenance (defragmentation, expansion, mounting, etc.).
- Contribution of dynamic RAID (Store Space).
- System monitoring (events, counters, alerts, etc.).
- Configure performance options (process priority, memory, etc.).

### Hands-on work

Use of system monitoring tools.

## 8 Backup and restore

- Use of system restore points.
- Set up a backup and restore strategy.
- Configuration of instant restore options.

### Hands-on work

Use of system restore points.

## Dates and locations

### REMOTE CLASS

2026 : 10 Mar., 2 June, 22 Sep.

### PARIS LA DÉFENSE

2026 : 10 Mar., 2 June, 22 Sep.