Windows for IoT

The foundation for your intelligent edge

▷ **Watch Video**

Designed to meet your business needs

Simplify the Internet of Things (IoT) with a rich device platform, world class developer tools, enterprise grade long term support, and a global partner ecosystem. Do more at the edge with built-in machine learning capabilities and scale with the power of Azure IoT. Use the power of Windows to create a solution quickly and securely. We stand behind our products with 10 years of support.

Smart

Easily bring Artificial Intelligence (AI) and Machine Learning (ML) to

Secure

Help keep devices secure for the long term with turnkey platform security

Fast

Quickly get IoT devices to market and maintain for

the edge with Windows
ML and support from
Azure IoT Edge

the long term with out of
the box OS

"Customers don't need to be IT experts to use Rockwell Automation products with Windows for IoT, and it's a way to reduce the learning curve and still have that rich data directly available on the plant floor."

- Keith Staninger, Global Business Director for Rockwell Automation

See what our customers are doing

Windows for IoT provides the foundation to create innovative solutions with built-in security, but our customers and partners bring them to life. Here are a few examples of how Windows for IoT is creating business value.

FEATURED

Dover Fueling Solutions

Dover uses Windows 10 IoT Enterprise, Azure IoT Hub and Stream Analytics to deliver personalized experiences and targeted advertising right at the pump.

Learn more 〉

IDEX

IDEX uses Windows 10 IoT Core and Azure to connect the systems of a fire truck to give real-time insights into a vehicle's health.

CityBeacon

CityBeacon builds next-generation intelligent infrastructure, which it implements with SmartHubs that run on Windows 10 IoT Enterprise.

Rockwell Logix 5000

With data available at the point of operation, customers can make reactive changes without delay.

SmartTower

Smart Tower uses Windows 10 IoT Core, and Azure IoT to allow operators and maintenance crews to monitor the condition of nearly any tower
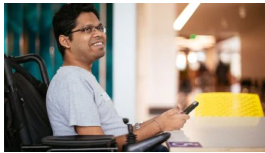
Learn more >

Located on city streets and venues, these multifunctional kiosks give users access to hyperlocal apps and services.

Learn more >

or vertical structure in real time.

Learn more >

Learn more >

Democracy Live

Democracy Live created the first commercially-off-the-shelf accessible ballot marking machine, using the accessibility features in Windows 10 IoT Enterprise.

Learn more >

ActionPoint

Helps manufacturers quickly reduce downtime, lower costs, and increase the overall efficiency of their equipment and operations.

Learn more >

HourFleet

Hourfleet lets small businesses set up car-share operations. A Windows 10 IoT Core device in each car, lets users operate the vehicle with the smartphone app.

Learn more >

More incredible customer stories

See more customer stories >

How to get started

The Windows for IoT platform has multiple editions, each optimized for specific scenarios. They all share the security, manageability, support and cloud connectivity you expect from Windows. Building a device is as easy as building an app.

See comparison datasheet 〉

Windows 10 IoT Core

Built for small, secure, smart devices. Our smallest Windows 10 operating system still has the manageability and security expected from Windows.

New for Windows 10 IoT Core Services, is a subscription that provides 10 years of operating system support along with services to manage device updates and assess device health.

Windows 10 IoT Core 〉

Windows 10 IoT Core Services 〉

Windows 10 IoT Enterprise

Bringing the full power of Windows to intelligent edge devices, Windows 10 IoT Enterprise has specialized features to create dedicated devices locked down to a specific set of applications and peripherals. It also has the same manageability, security and application/peripheral support as Windows 10 Pro and can leverage technologies like containers, Artificial Intelligence, Machine Learning and the cloud.

Learn more 〉

Windows Server IoT 2019

As IoT solutions become more complex, they require more computing power, storage and connectivity. Fixed function appliances using Windows Server IoT 2019 can handle big workloads, like analyzing multiple video streams, and can use the results locally or send them

SQL Server IoT 2019

Data at the edge is growing exponentially. SQL Server IoT 2019 helps you get intelligence from your data with industry-leading database performance, and trusted, enterprise-proven security. SQL Server IoT 2019 provides the same powerful analytics and large-scale

to the cloud. With advanced security, high availability and manageability, Windows Server IoT 2019 lets you innovate faster with modern container technologies managed by Azure IoT Edge.

storage of SQL Server 2019 but is licensed via the OEM channel for dedicated use scenarios.

Discover SQL Server IoT 2019 >

Learn more >

Ready for the next steps?

When you are ready to build your IoT device, we have a global partner ecosystem that can help. Choose from several off-the-shelf devices or work with a partner on your own unique device. Connect to Azure IoT and leverage the power of the cloud.

Find a device

With a wide selection, our catalog includes everything from headless industrial devices, to point-of-sale devices, to digital signage media players.

Browse the Windows for IoT device catalog >

Find a partner

Microsoft partners are Windows for IoT experts who can provide technical support and help find, deploy and manage the right solution for your business.

View all distributors >

Connect with Azure IoT

Windows for IoT works closely with Azure IoT, enabling you to use the intelligent cloud to analyze data, gain insight and take action at the edge.

Learn more >

Support for Windows Embedded 7 has ended

Windows Embedded 7 has powered millions of mission critical dedicated devices since its introduction in 2009. The time has come to move to Windows for IoT for devices with more security, intelligence, manageability, and cloud connectivity. (Note: The end of support for some editions of Windows Embedded 7 is different, please check our **product lifecycle page** for information on your specific product.)

Talk to your Microsoft partner about your options for moving to Windows for IoT.

Join the Windows for IoT developer community

Great projects start with great ideas. Get inspired by the people and projects in the community.

Access IoT developer resources ›

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