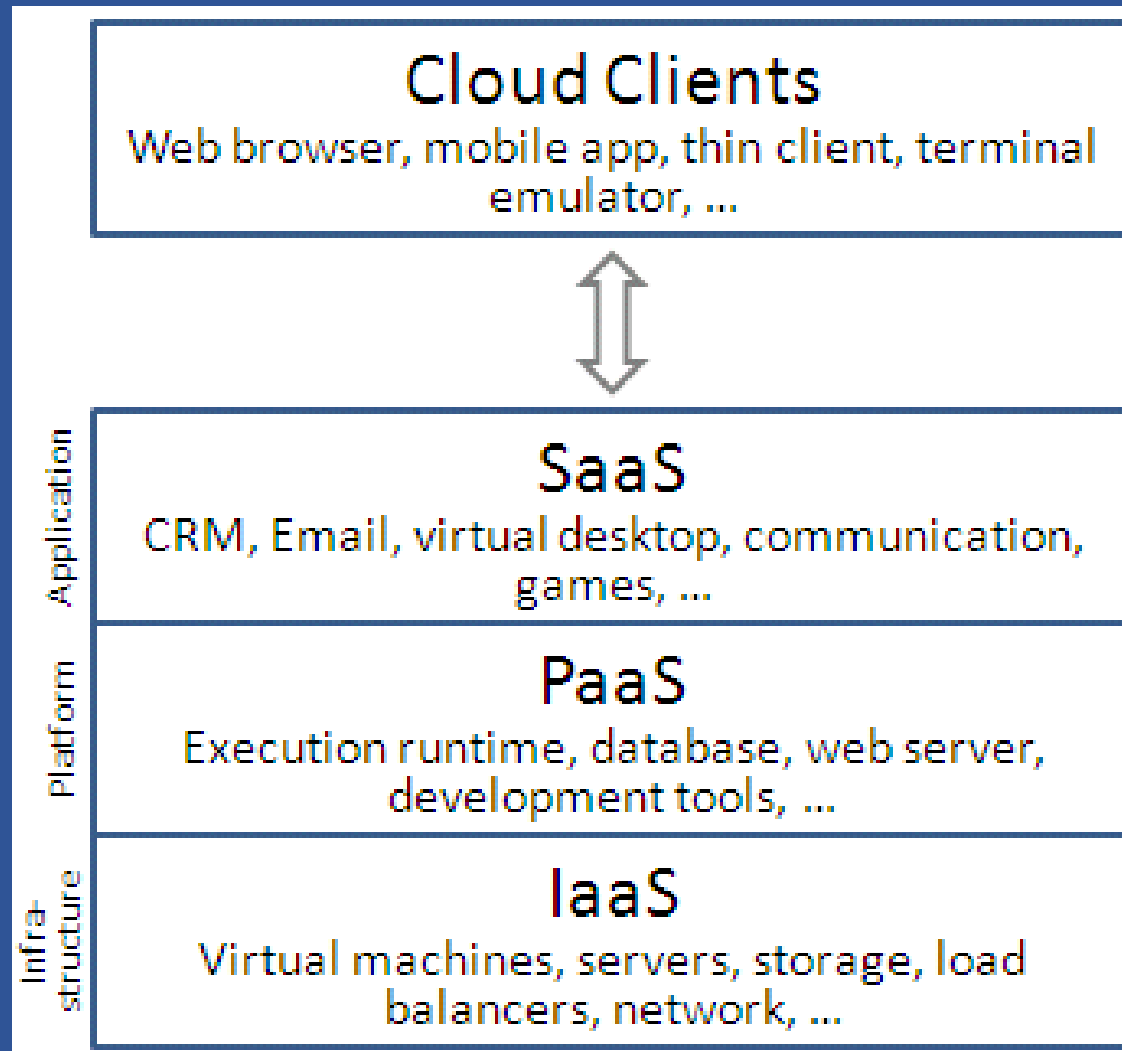





















# Introduction to Azure IoT



## Azure is cloud services



# Microsoft Azure IoT Services

Producers	Data Transport	Storage	Analysis	Presentation & action
	 Event Hubs (Service Bus)	 SQL Database	 Machine Learning	 Azure Websites
	 Heterogeneous client agents	 Table/Blob Storage	 HD Insight/Storm	 Mobile Services
	 External Data Sources	 DocumentDB	 Stream Analytics	 Notification Hubs
		 External Data Sources	 Cloud Services	 Power BI
				 External Services

# Azure IoT Services

- Azure IoT Central
- Azure IoT Solution Accelerators
- Azure IoT Edge
- Azure IoT Hub

# Azure IoT Central

Create IoT deployments faster and more easily  
with fully managed software as a solution (SaaS)  
for enterprise IoT.

# Azure IoT Solution Accelerators

Build customized IoT solutions for any industry vertical by using common use case templates with proven results.

# Azure IoT Edge

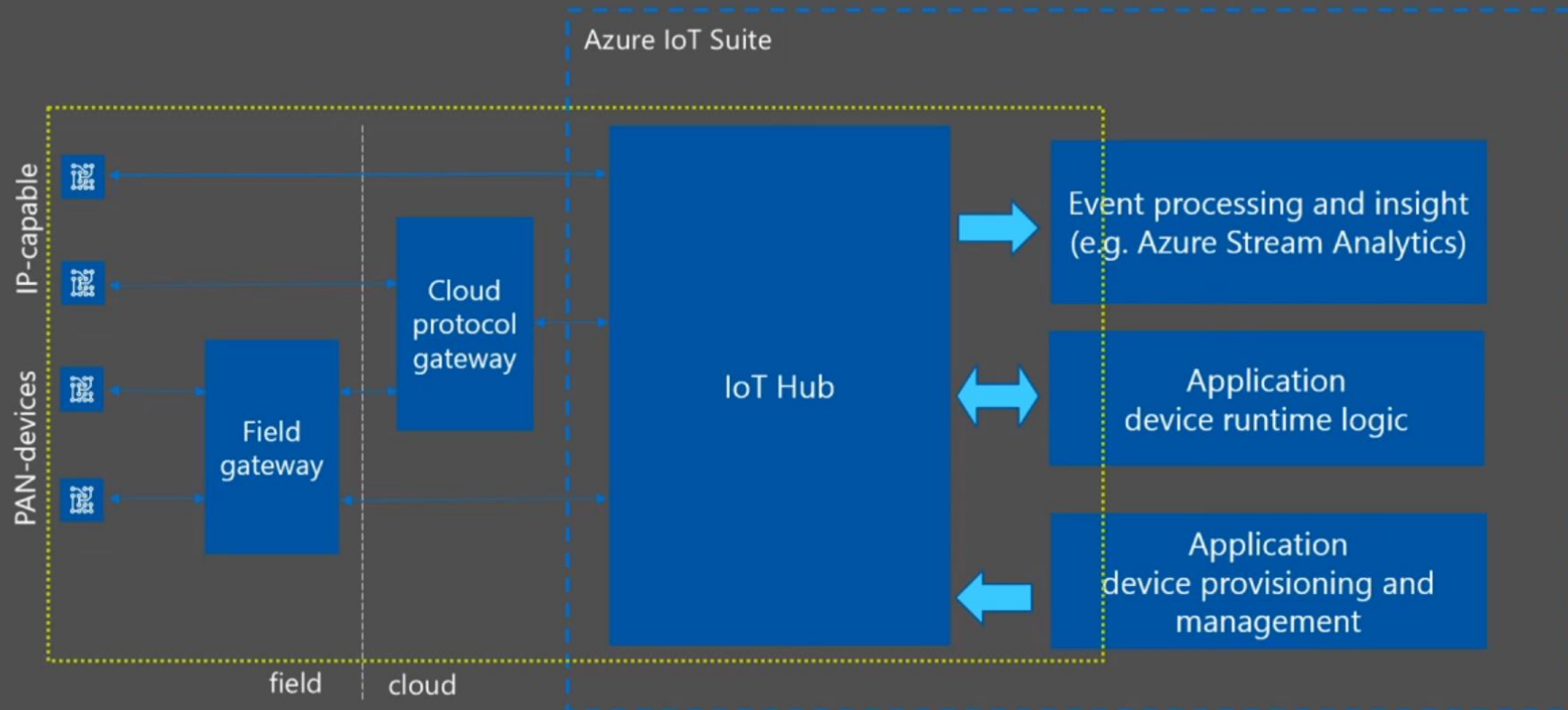
Create better experiences by moving workloads  
from the cloud to edge devices.

# Azure IoT Hub

Connect, manage, and scale billions of IoT devices  
from the edge to the cloud.



# Connect your devices to Azure IoT Suite



# Azure IoT Suite SDKs

## Device-facing

For devices and field gateway

## Platforms

RTOS (FreeRTOS)

Linux

(Ubuntu, Debian, Fedora, Raspbian, Angstrom)

Windows 7/8/10

ARM mbed

Android

iOS

...

## Languages

C, Java, C#, Javascript

## Service-facing

For back-ends and cloud gateway

## Languages

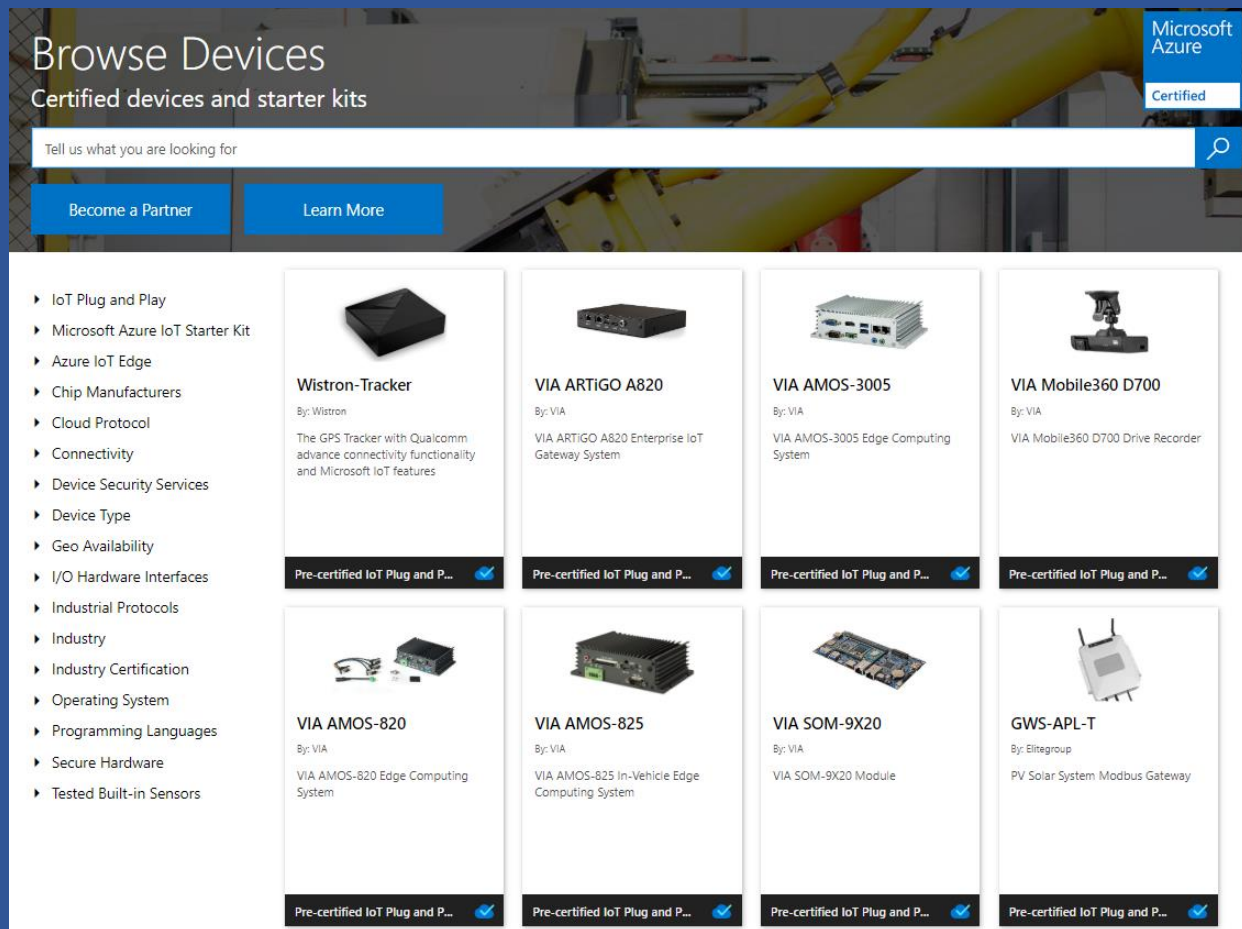
.NET C#

Java

Node

# Azure Certified for IoT device catalog

<https://catalog.azureiotsolutions.com>



The screenshot shows the 'Browse Devices' section of the Azure IoT Solutions Catalog. It features a search bar, navigation links for 'Become a Partner' and 'Learn More', and a grid of IoT devices. Each device card includes an image, name, manufacturer, description, and a 'Pre-certified IoT Plug and Play' badge.

**Browse Devices**  
Certified devices and starter kits

Tell us what you are looking for

[Become a Partner](#) [Learn More](#)

**Microsoft Azure Certified**

- IoT Plug and Play
- Microsoft Azure IoT Starter Kit
- Azure IoT Edge
- Chip Manufacturers
- Cloud Protocol
- Connectivity
- Device Security Services
- Device Type
- Geo Availability
- I/O Hardware Interfaces
- Industrial Protocols
- Industry
- Industry Certification
- Operating System
- Programming Languages
- Secure Hardware
- Tested Built-in Sensors

Device Name	Manufacturer	Description	Pre-certified IoT Plug and Play
Wistron-Tracker	By: Wistron	The GPS Tracker with Qualcomm advance connectivity functionality and Microsoft IoT features	Yes
VIA ARTIGO A820	By: VIA	VIA ARTIGO A820 Enterprise IoT Gateway System	Yes
VIA AMOS-3005	By: VIA	VIA AMOS-3005 Edge Computing System	Yes
VIA Mobile360 D700	By: VIA	VIA Mobile360 D700 Drive Recorder	Yes
VIA AMOS-820	By: VIA	VIA AMOS-820 Edge Computing System	Yes
VIA AMOS-825	By: VIA	VIA AMOS-825 In-Vehicle Edge Computing System	Yes
VIA SOM-9X20	By: VIA	VIA SOM-9X20 Module	Yes
GWS-APL-T	By: Elitegroup	PV Solar System Modbus Gateway	Yes

