

# TechCamp Internet of Things



Olivia Klose, Technical Evangelist, Microsoft

Marco Richardson, Technical Evangelist, Microsoft

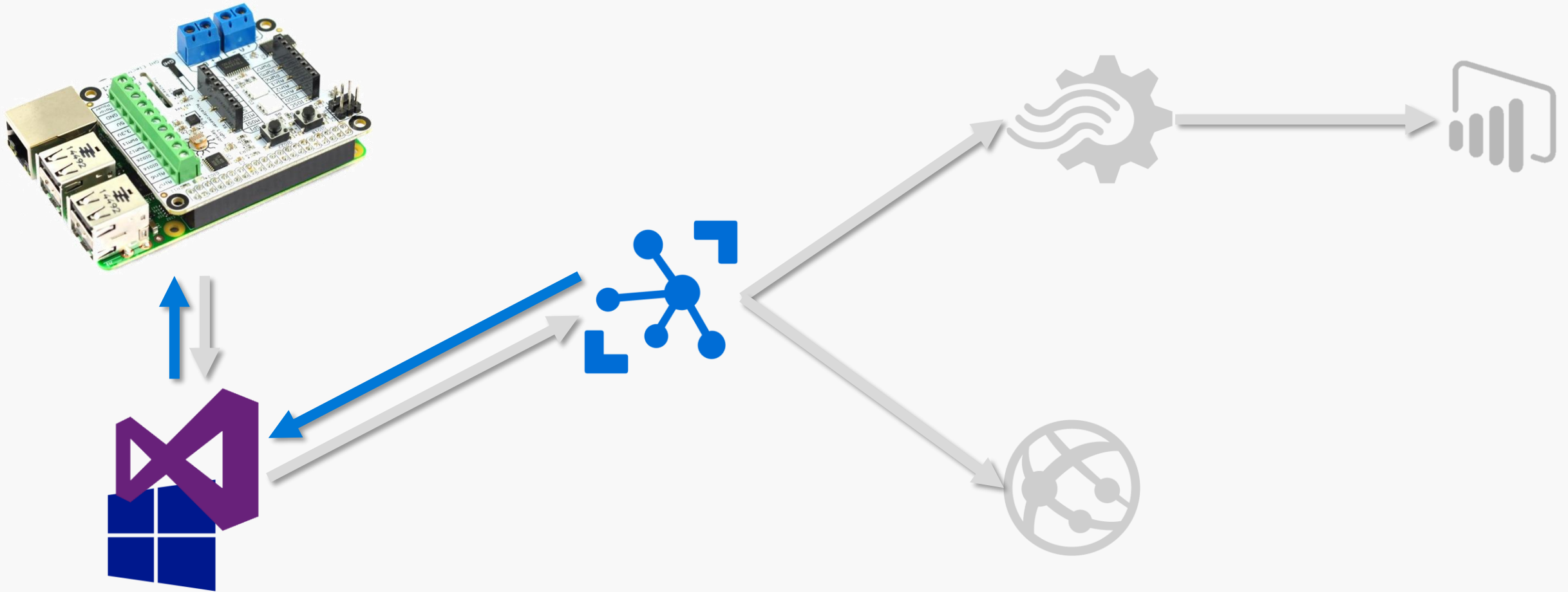
# Agenda

1. Intro: What is IoT? What does Microsoft offer?
2. Things: Windows 10 IoT Overview
3. Connectivity: Azure IoT Overview
4. Data: Sensor data, cognitive services, etc.
5. Analytics: Stream Analytics, Power BI, Azure Machine Learning
6. **Command & Control**
7. **Wrap-up**

# Command & Control

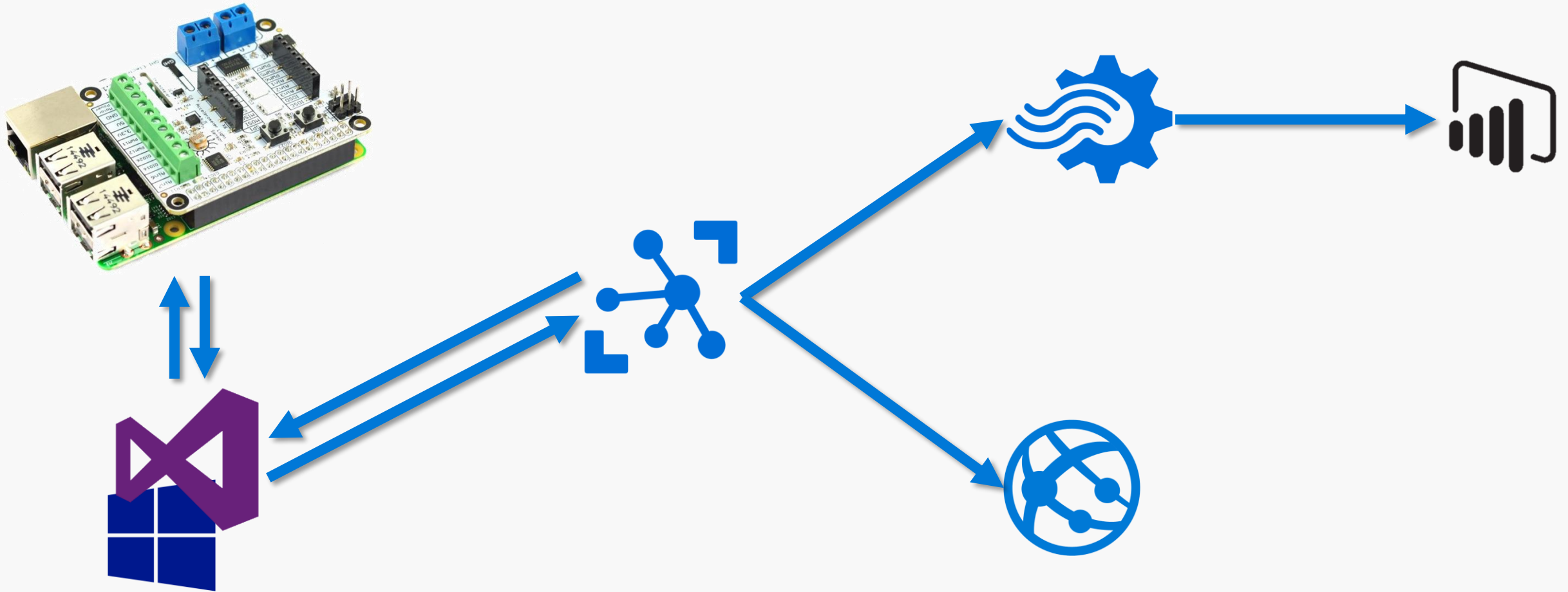
## Lab 6

# Lab 5: Send commands to the device



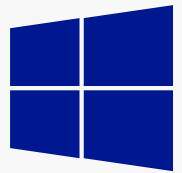
Wrapping Up...

# Hands-on Labs

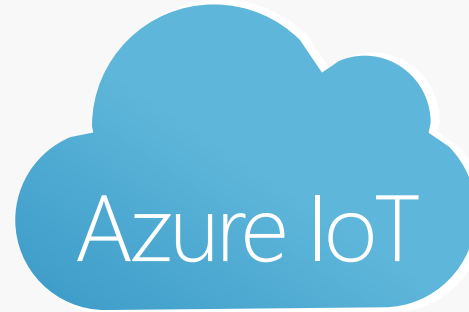


# Microsoft IoT

Comprehensive solutions from device to cloud



## Windows



### **IoT Editions Power a Broad Range of Devices**

25 years of history in embedded devices

One Windows platform for all devices

Enterprise-ready, OEM-ready, Maker-friendly

Designed for today's IoT environments

Scalable solutions from free Windows IoT Core to Windows IoT Enterprise on PC-Like Devices

### **Cloud-Based IoT Services & Solutions**

Easy to provision, use and manage

Pay as you go, scale as you need

Global reach, hyper scale

End-to-end security & privacy

Windows, Mbed, Linux, iOS, Android, RTOS support

# Further Resources on IoT

## Windows 10 IoT

- [microsoft.com/en-us/WindowsForBusiness/windows-iot](https://microsoft.com/en-us/WindowsForBusiness/windows-iot)
- [WindowsOnDevices.com](https://WindowsOnDevices.com)

## Azure IoT

- [www.InternetofYourThings.com](http://www.InternetofYourThings.com)
- Azure IoT Dev Center – <http://aka.ms/azureiotdev>
- Azure IoT Blog - <https://blogs.microsoft.com/iot/>
- Starter Kits – <http://azure.com/iotstarterkits>
- Azure IoT SDKs – <http://github.com/azure/azure-iot-sdks>
- Developer's introduction to Azure IoT – <http://aka.ms/azureiotdevintro>



# Thanks!

[olivia.klose@microsoft.com](mailto:olivia.klose@microsoft.com)  
[marcoric@microsoft.com](mailto:marcoric@microsoft.com)