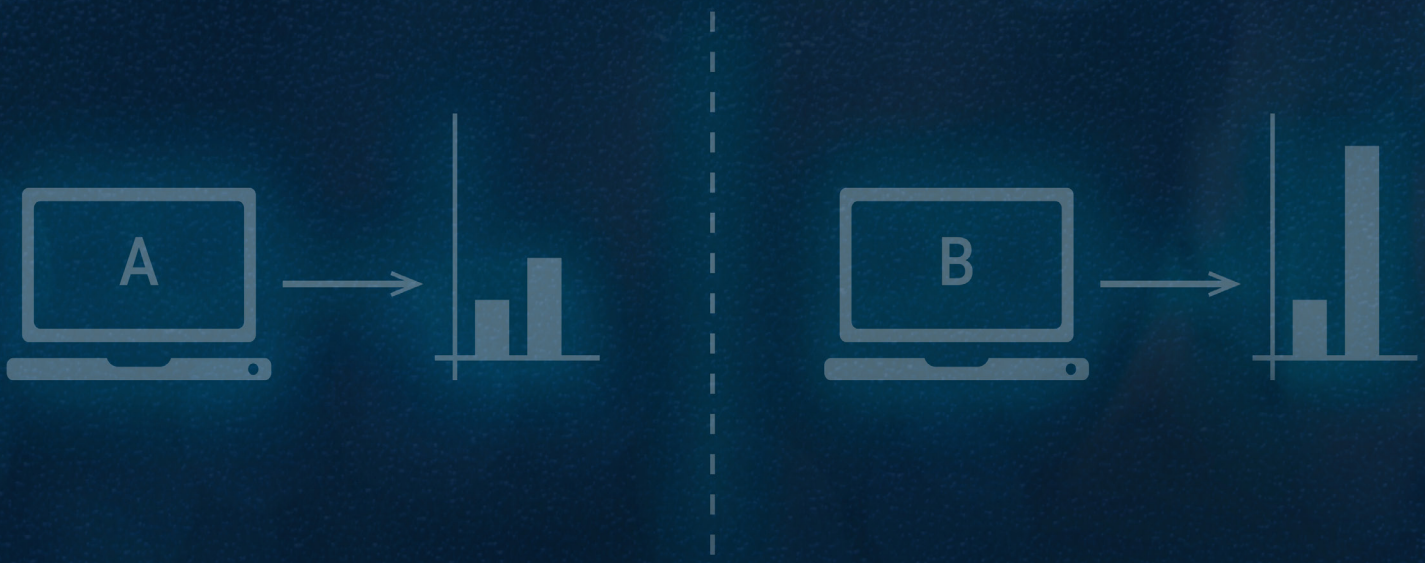
IoT Comparison Chart

Not all IoT Platforms Are Created Equal



AXONIZE

2019

So many IoT platforms out there...

With the recent advancement in technology and connectivity, IoT platforms have become a highly sought-out commodity for businesses, large and small. With the complexity and variety of IoT platforms that possess the ability to orchestrate data from a variety of sensors on one application, businesses now have a range of choices when choosing a platform that will best suit the company's goals and needs.

But how do you know which IoT platform is right for you?

It can be challenging to know exactly what type of IoT platform your business needs. With over 700 platforms available, you need to make sure the platform you choose meets ALL of your requirements, technically and efficiently. You want to select the platform that will bring your IoT project in on time and on budget, without compromising the features that are critical to you.

There are basically 4 types of IoT platforms to choose from. We have broken them down here:

01 Connectivity Platform

A PaaS (Platform as a Service) which simplifies the process of connecting devices to the internet - offering solutions for connecting the IoT device, managing and orchestrating connectivity, and provisioning communication services for connected IoT devices.

02 Action Platform

A platform that uses rule-based, event-action triggers to enable the execution of "smart" actions based on specific sensor data.

03 Full-scale Platform

A platform which enables connecting modern and legacy sensors on the edge and in the cloud, securely.

04 Orchestration Platform

A full-stack platform performing all services with the ability to interface with any type of sensor in a very small amount of time, providing the infrastructure to configure any application with agility, flexibility and speed. Orchestration platforms are built on micro-service architecture.

Once you've nailed down the specifications you need from an IoT platform, you can begin comparing the four types of platforms to decide which one best suits your IoT needs. We've put together a comprehensive chart that will help you visualize the features and functionality that each platform offers based on critiria as; connectivity, security, storage, analytics and so on.
Check out the chart on the following page.

Functionality	Connectivity Platform	Action Platform	Full-scale Platform	Orchestration Platform
Connectivity	✓	✓	✓	✓
Protocol Interoperability				✓
Data-structure Interoperability				✓
Device Management		✓	✓	✓
Device Firmware / Software Upgrade Management				✓
Rules Engine			✓	✓
Cross-Applications Rules Engine				✓
Actions Engine			✓	✓
Ticketing Management				✓
Cross-Applications Actions Engine				✓
Data Visualization			✓	✓
Analytics			✓	✓
Cross-Applications Analytics				✓
Multiple Applications and Accounts				✓
Applications Templates			✓	✓
Applications Reuse and Duplication				✓
User Management			✓	✓
Dashboard Building and Customization			✓	✓
Reports			✓	✓
Cross-Applications Reports				✓
External Interfaces			✓	✓
Security			✓	✓
Storage	✓	✓	✓	✓
Optimized Storag				✓

If you require a management platform for more than one IoT system, multiple projects, and/or one that is flexible and fast to build, then the Orchestration Platform is your best choice. As you can see from the chart, it's the only platform that checks all the boxes and provides your business with any, and all of the functionality it needs.

About Axonize

Axonize is an IoT orchestration platform, purpose-built to provide speed and scale for service providers, developing and managing IoT applications. Based on a unique multi-application architecture that requires configuration rather than development, launching a full-fledged IoT project on Axonize requires mere days, rather than months, and yields a high ROI. Axonize is used by leading IoT service providers, including Deutsche Telekom, Bezeq, MHP and others.

Some of our customers

Contact us to schedule a walk-through at any time: **hello@axonize.com**