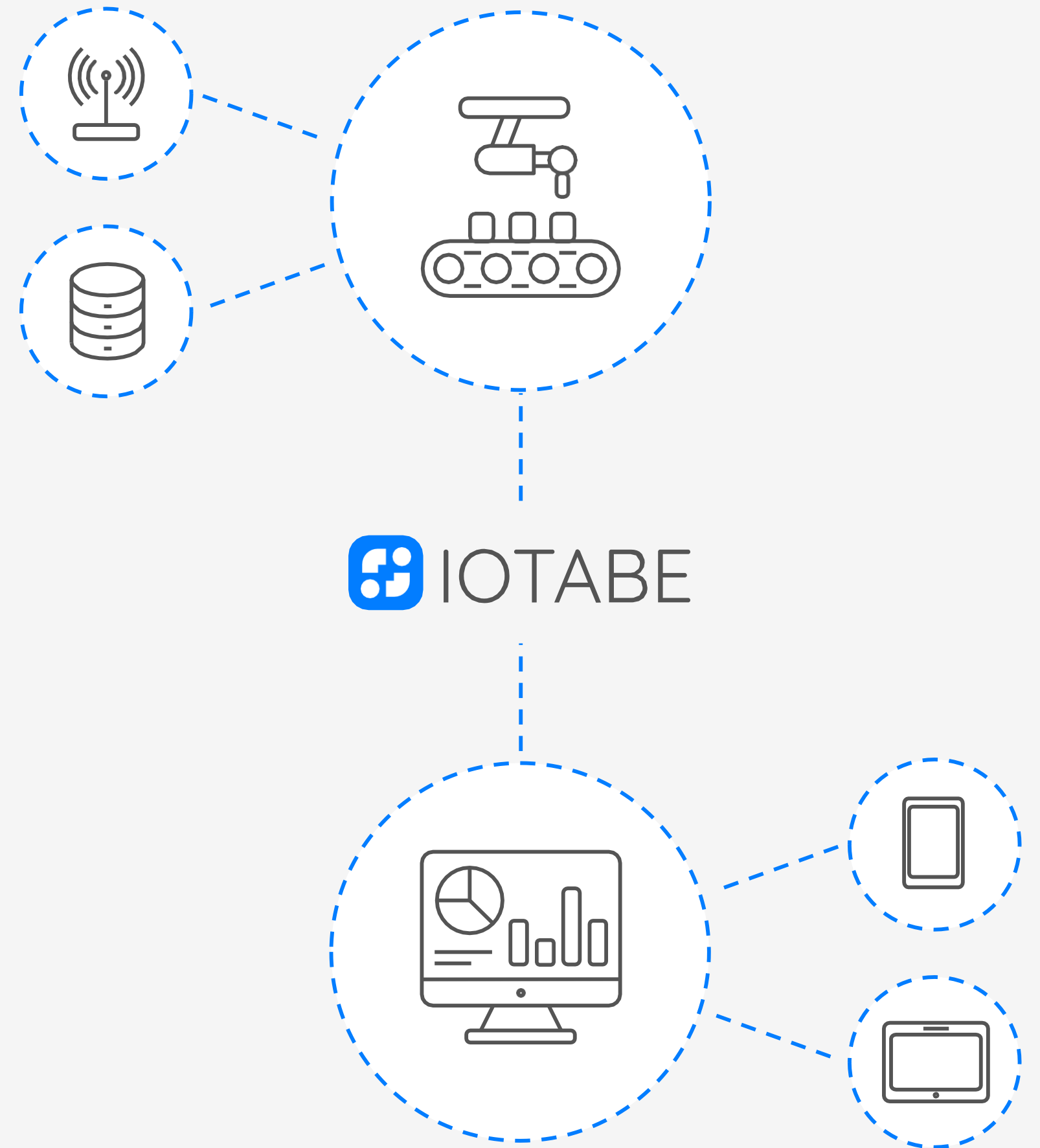




# Data Solutions for Manufacturing

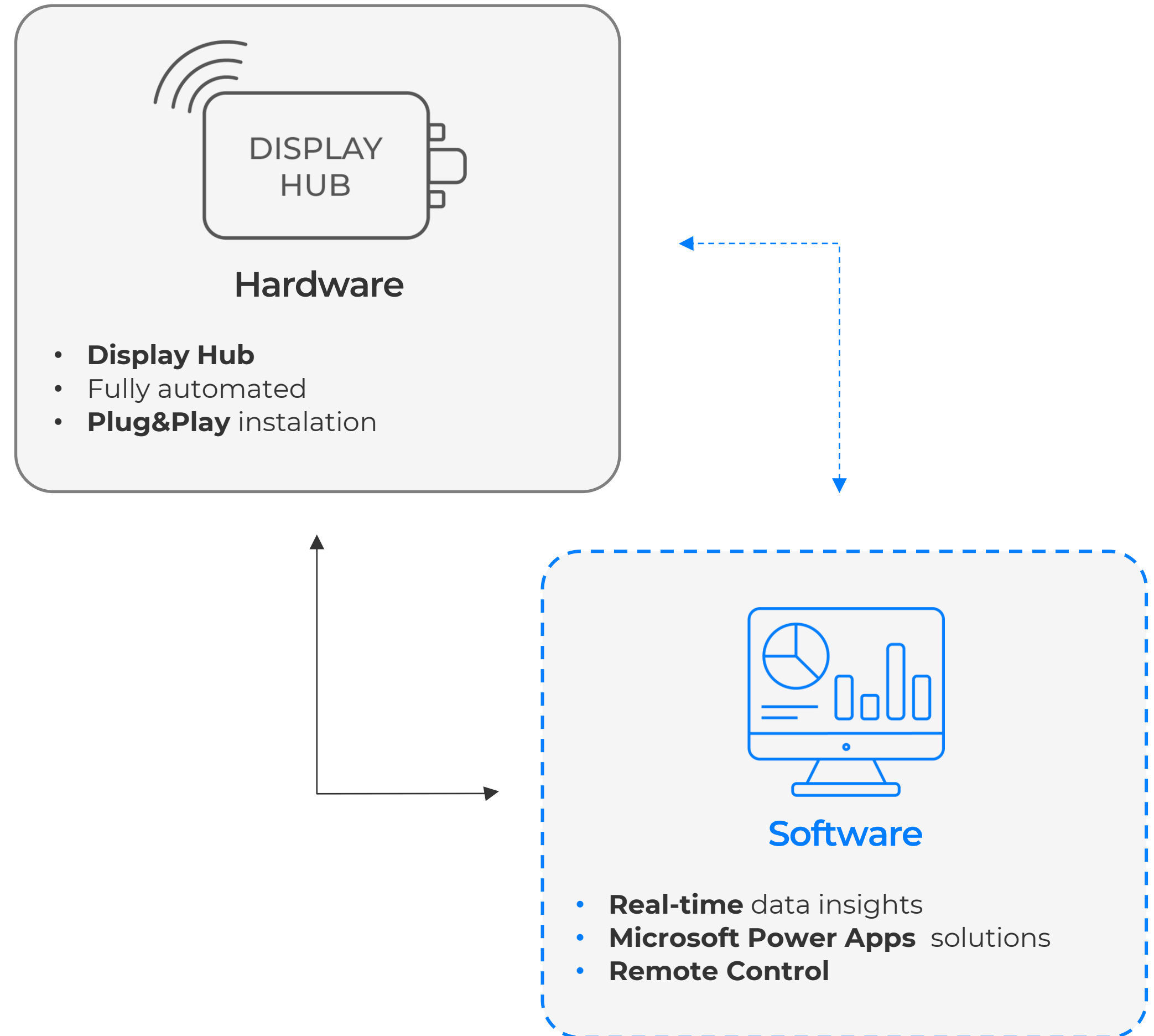
an Award-Winning IoT Solution Based  
on Microsoft Power BI & Power Apps



# What is IoTabe?

IoTabe is an IoT platform for manufacturing, built on Microsoft services. It uses **Display Hubs** to provide live business insights.

IoTabe is part of Antdata – a consulting company providing Professional IT Services for digital transformations of manufacturing sites.



# What is Display Hub?

Display Hub is a compact hardware device that turns any TV or monitor into a **remotely managed dashboard display**.

Instantly deliver live business insights across your organization – from the factory floor to the executive boardroom.

Completely integrated within your **Microsoft ecosystem**. Display Hub makes it effortless to share real-time **Power BI reports** and **custom content**. All screens are centrally controlled through **Microsoft Power Apps**, ensuring seamless management and visibility.



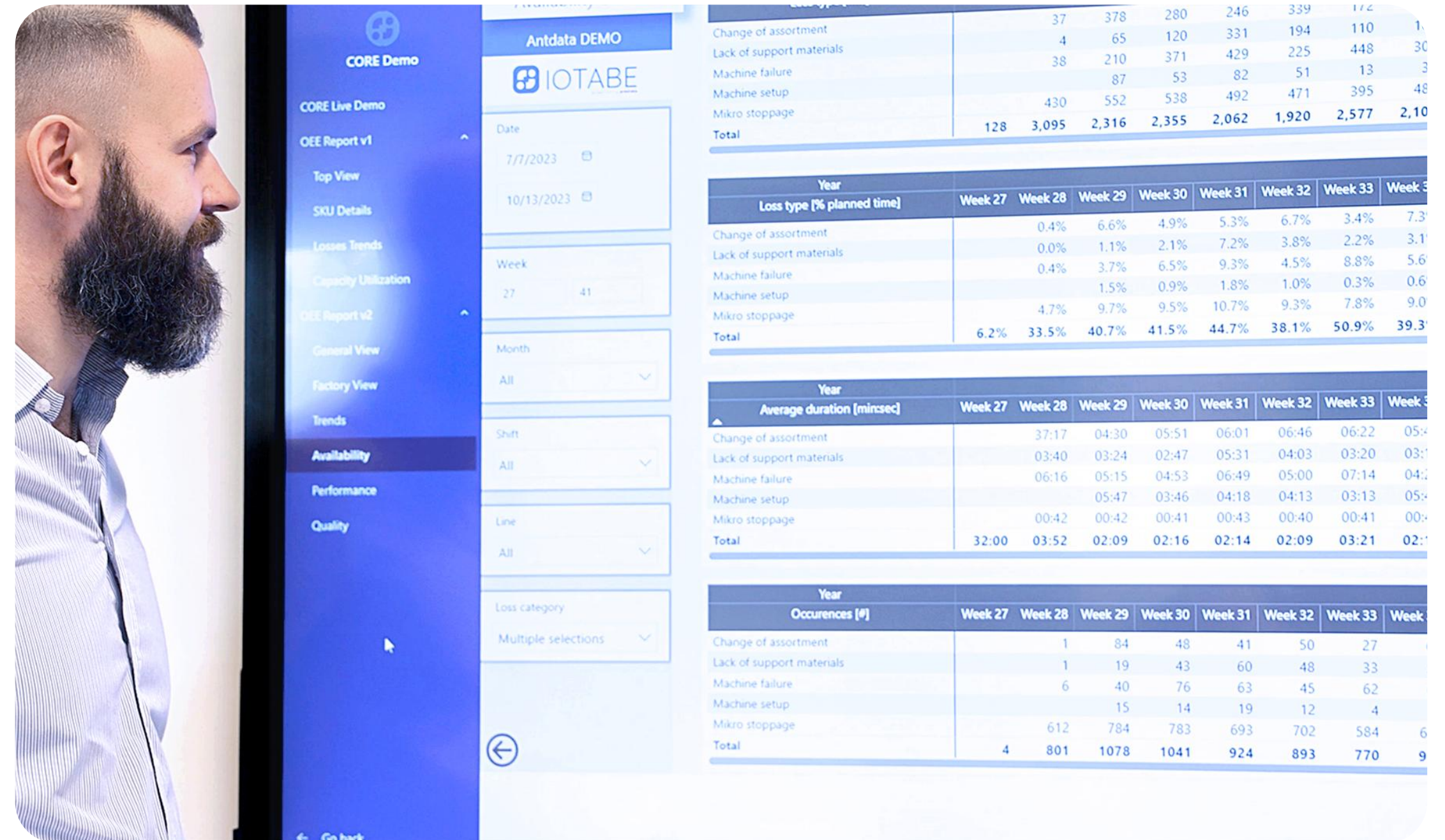
# Fully automated system takes care of everything

- Automated Scheduling
- Secure Authentication into Microsoft services, including Power BI and Fabric
- Smart Refresh & Token Management
- Intelligent Content Navigation



# Keep Your Team Connected to Critical Metrics

Whether you need to show sales performance, production metrics or customer analytics. **Display Hub** ensures your team always has access to **real-time data**, exactly where they need it.



The dashboard displays the following data tables:

Year								
Loss type [% planned time]	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34
Change of assortment		0.4%	6.6%	4.9%	5.3%	6.7%	3.4%	7.3%
Lack of support materials		0.0%	1.1%	2.1%	7.2%	3.8%	2.2%	3.1%
Machine failure		0.4%	3.7%	6.5%	9.3%	4.5%	8.8%	5.6%
Machine setup			1.5%	0.9%	1.8%	1.0%	0.3%	0.6%
Mikro stoppage		4.7%	9.7%	9.5%	10.7%	9.3%	7.8%	9.0%
<b>Total</b>	<b>6.2%</b>	<b>33.5%</b>	<b>40.7%</b>	<b>41.5%</b>	<b>44.7%</b>	<b>38.1%</b>	<b>50.9%</b>	<b>39.3%</b>

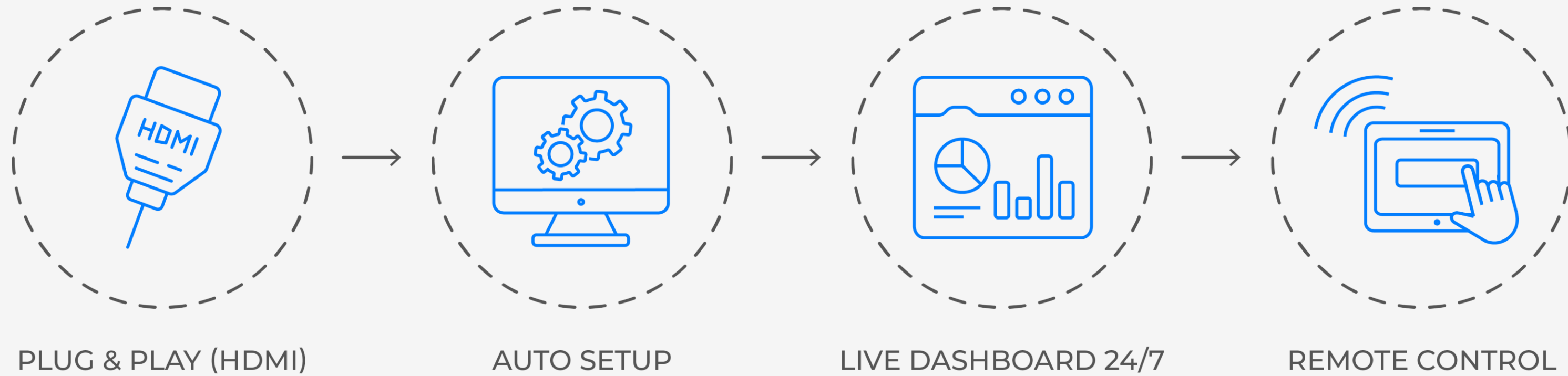
  

Year								
Average duration [minsec]	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34
Change of assortment	37:17	04:30	05:51	06:01	06:46	06:22	05:44	05:44
Lack of support materials	03:40	03:24	02:47	05:31	04:03	03:20	03:11	04:03
Machine failure	06:16	05:15	04:53	06:49	05:00	07:14	04:03	04:03
Machine setup		05:47	03:46	04:18	04:13	03:13	05:44	05:44
Mikro stoppage		00:42	00:42	00:41	00:43	00:40	00:41	00:41
<b>Total</b>	<b>32:00</b>	<b>03:52</b>	<b>02:09</b>	<b>02:16</b>	<b>02:14</b>	<b>02:09</b>	<b>03:21</b>	<b>02:11</b>

Year								
Occurrences [#]	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34
Change of assortment		1	84	48	41	50	27	27
Lack of support materials		1	19	43	60	48	33	33
Machine failure		6	40	76	63	45	62	62
Machine setup			15	14	19	12	4	4
Mikro stoppage		612	784	783	693	702	584	612
<b>Total</b>	<b>4</b>	<b>801</b>	<b>1078</b>	<b>1041</b>	<b>924</b>	<b>893</b>	<b>770</b>	<b>924</b>

# How does it work?

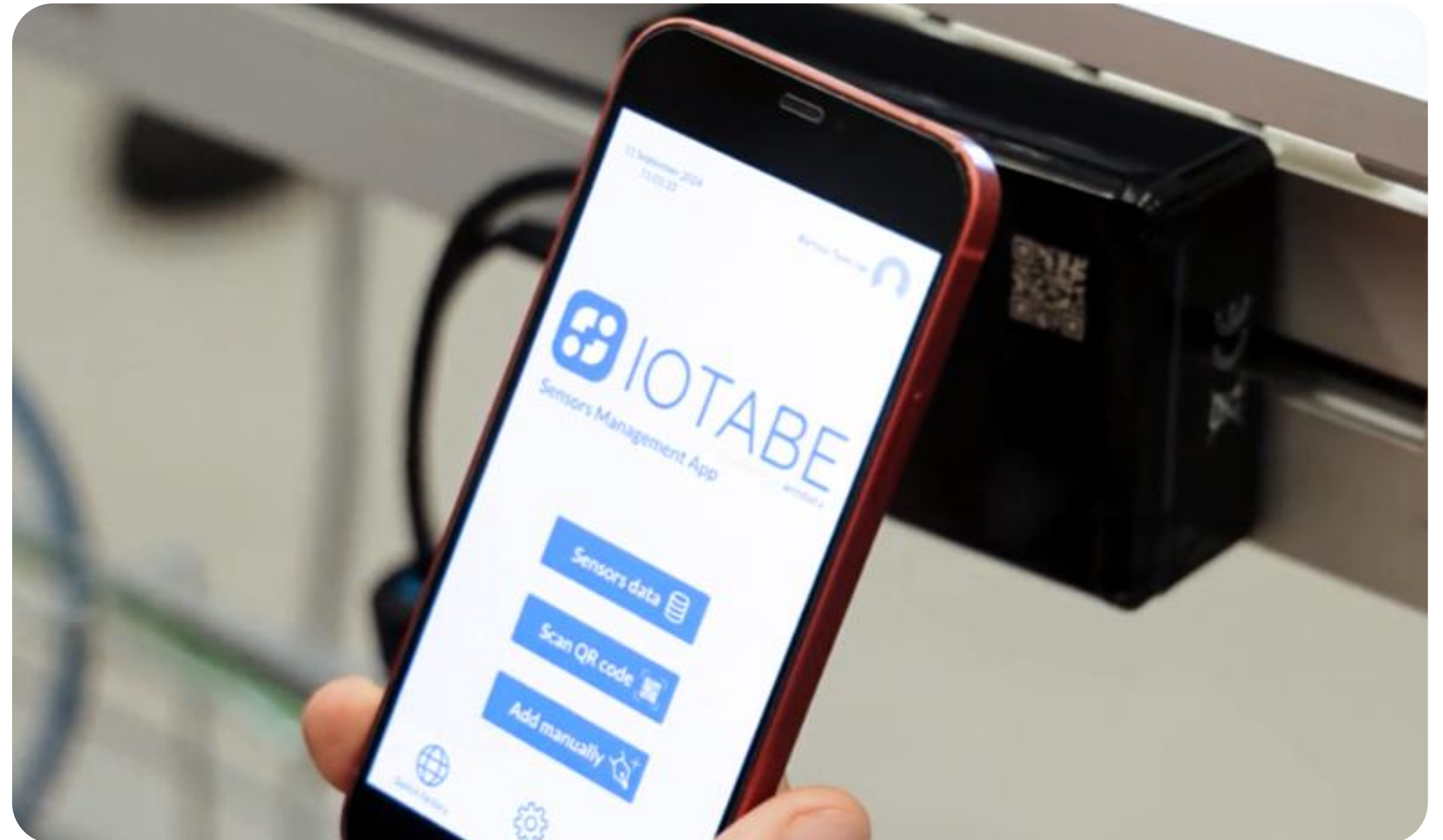


Getting started with Display Hub is quick and straightforward. Simply connect our device to your existing monitor or TV using HDMI cable, plug it into power, and you're done. It supports both **PoE** (Power over Ethernet) and **USB Power Supply** and can connect via **Wi-Fi** or **Ethernet**. No technical expertise required, no complicated setup process.

From the moment you power it on, Display Hub works **autonomously**. Your private data remains safe, as it is not saved on the device, but securely in the **Azure Key Vault**. Your data visualization is ready in minutes, not hours.

# Control From Anywhere With Power Apps

Manage remotely with **Power Apps**. Control everything through our mobile interface from anywhere, at any time. With Row-Level Security (RLS) built in, only authorized users can manage devices and their content.



# Benefits



## Fully Automated

Set it up once and run 24/7 without any manual intervention



## Plug & Play

No coding, no IT expertise is needed – just plug in and configure through Power Apps



## Scalability

Easily integrated with multiply devices and services to expand functionality



## Power BI Native

Supports various Power BI Reports, adaptable to different needs and scenarios



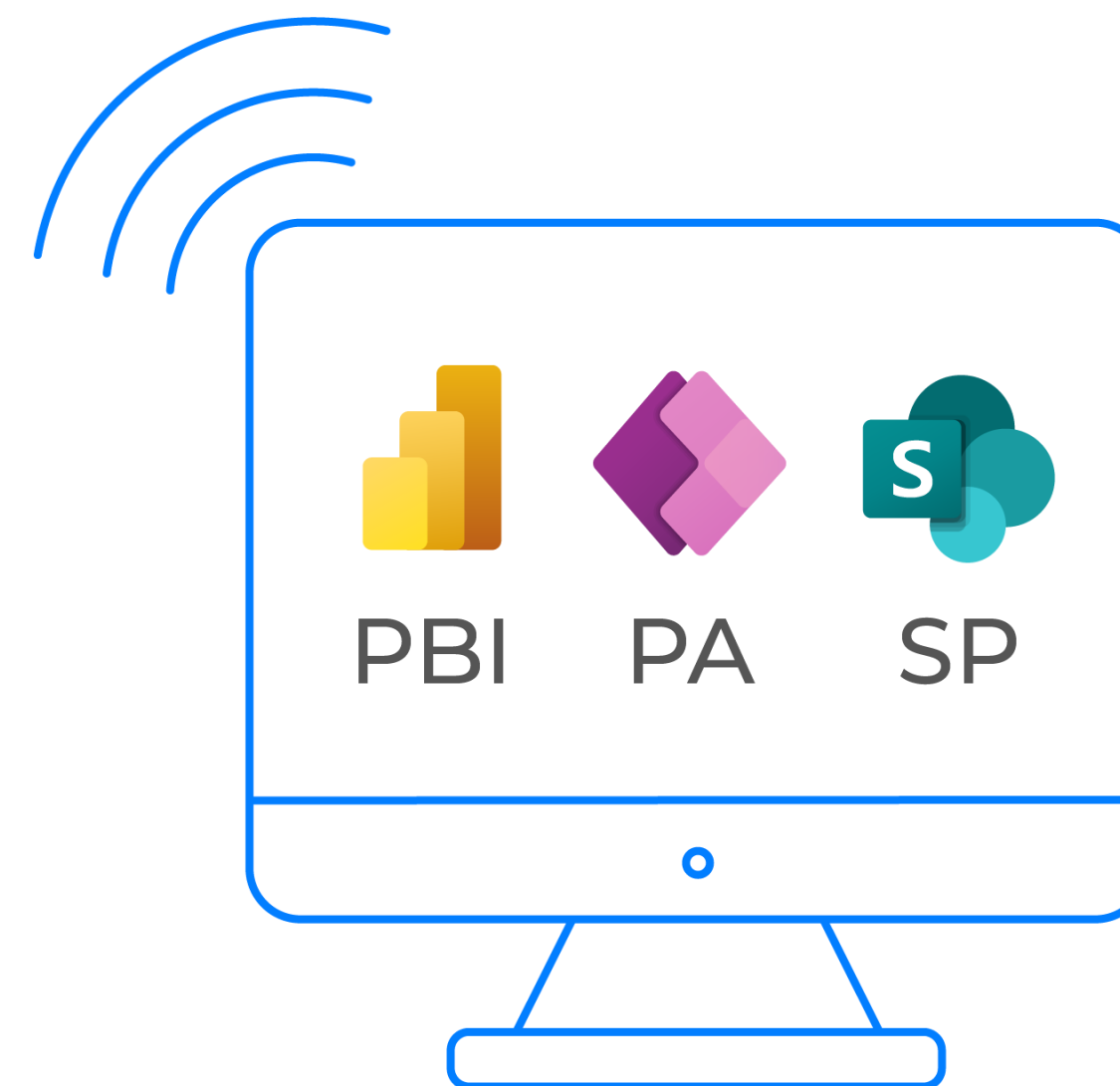
## Remote Control

Control all displays from anywhere using Power Apps and Azure IoT Hub

# Make Data-Driven Decision, Everywhere

Display Hub isn't just about displaying data – it's about empowering your entire organization with Power BI insights exactly when and where they're needed.

But that's not all! You can also **display other content stored within your Microsoft Tenant** – whether it's a **PowerPoint presentation** with an important announcement, **live production line data** from a **Push DataSet** or an **instant alert**. You decide what's shown on every screen, and when.



Display Hub makes information **visible, accessible, and actionable** for everyone in your organization - **automatically managed through Azure IoT Hub** and **centrally controlled via Power Apps**.



[contact@iotabe.com](mailto:contact@iotabe.com)