






IFS IoT BUSINESS CONNECTOR™



IS YOUR BUSINESS CONNECTED?

In order to transform your organization into a connected business, an IoT solution must capture data effectively, present it in real time, and make it actionable.

ANALYZE AND OPERATIONALIZE YOUR BUSINESS DATA TO:

				
1	2	3	4	5
Increase revenue	Improve efficiency	Expand your operations	Offer new services	Enhance customer satisfaction

To meet these requirements, IFS has developed the IFS IoT Business Connector™, a set of components that connect Microsoft® Azure® IoT Suite, or an alternative discovery environment, to receive and operationalize data from devices and deliver observations to the portfolio of IFS business software. The IFS IoT Business Connector allows companies to trigger actions and empowers them to be more agile, make smarter business decisions, and automate processes in a new way.

“With the IFS IoT Business Connector, users manage the complete business process starting with an alert extracted from incoming sensor data to execution of work to fix the problem and recording the history. All too often alerts get lost and bad things happen anyway; the IFS software keeps you in control.”

RALPH RIO, ARC ADVISORY GROUP



ACCELERATE TIME TO VALUE

If you are considering using IoT data to support your business, the reference architecture IFS has created together with configurable components and a proven implementation methodology will accelerate your time to value.



REDUCE RISK AND COST

Eliminate trial and error from your foray into the world of IoT. Build on the learnings and experience IFS has built into this IoT solution and get your implementation right first time.



BENEFIT FROM BEST-OF-BREED EXPERIENCE

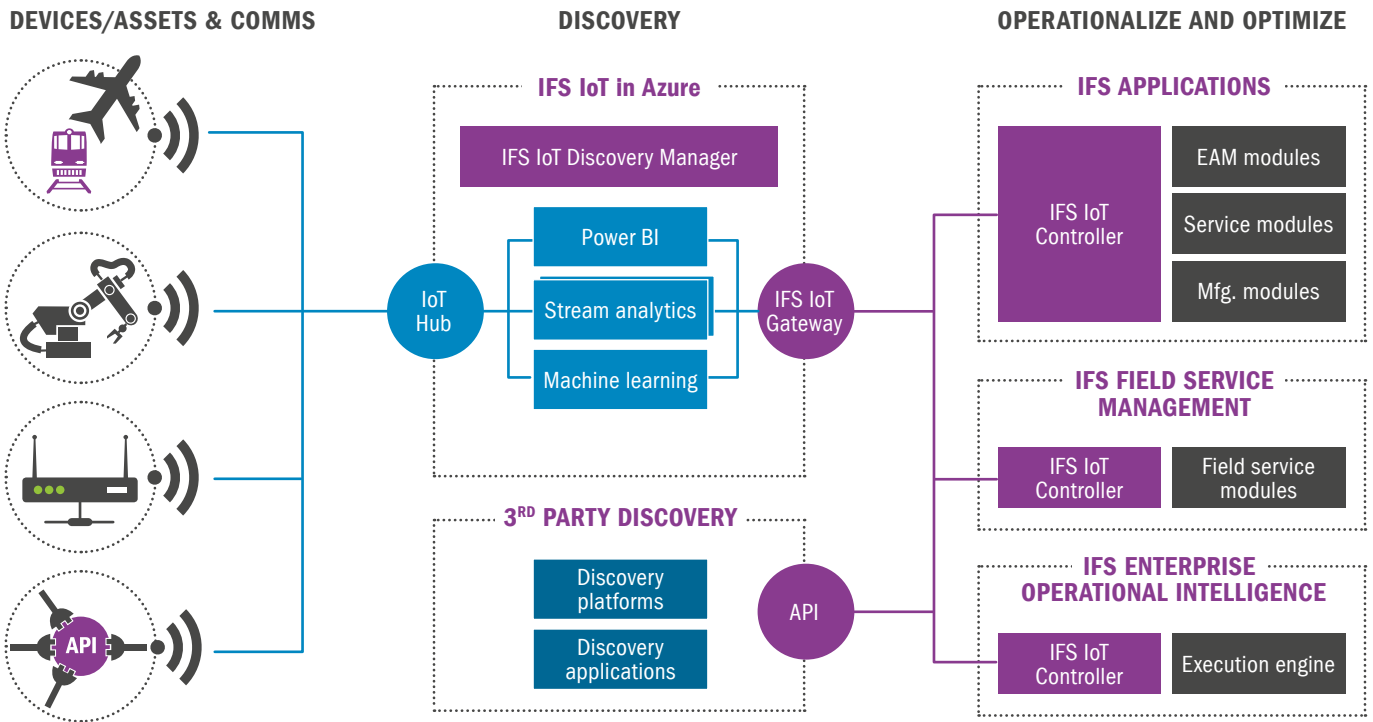
IFS enables an end-to-end solution for your IoT implementation, making the critical connection between analytics and transactional applications which turn analysis into action and then into value. Together with our eco-system of partners we are able to provide world-class solutions that support your journey of Digital Transformation.



DISCOVERY ENVIRONMENTS

IFS partners connect devices and sensors to the Azure IoT Suite-based discovery environment. However, use of alternative discovery environments, or industry-specific discovery applications, is also possible.

IFS IoT BUSINESS CONNECTOR—ARCHITECTURE



IFS IoT BUSINESS CONNECTOR—PRODUCT DETAILS

IFS IoT DISCOVERY MANAGER

IFS IoT Discovery Manager provides additional management and monitoring capabilities when using the Microsoft Azure IoT Suite as the discovery platform.

- Automated creation and connection of all IoT Suite components
- Visualization of the involved components and data flow

IFS IoT GATEWAY

IFS IoT Gateway provides communications between the cloud-based discovery and analytics of IoT data and the on-premise or cloud-based IFS products. Key features of the IFS IoT Gateway include:

- Secure bi-directional communication
- Store and forward capability eliminates data loss
- Receive IoT data without having to open your firewall for inbound traffic

IFS IoT CONTROLLER

The IFS IoT Controller enables the definition of control, actions and workflows that need to execute upon receipt of an observation:

- Define rule base for initiation of action
- Integrate with task/event/workflow capabilities of IFS products
- Store observations for traceability and analysis
- Map device identifications to objects (e.g. serial or functional assets)
- Template commands to send back to devices

By tapping into the value of your IoT data, IFS IoT Business Connector helps you predict what's next and become a "connected business". What's more, implementation is quick, the learning curve is reduced and the risks are low.

DISCOVER: Use the discovery environment to transform potentially millions of events into meaningful observations and send these to IFS business systems.

ACT: Received observations are acted on. Either by prescriptive automated action or human in the loop work flows when further analysis is needed.

OPTIMIZE: Once IoT driven business process are operational, it becomes possible to implement further business optimization, new products, services and strategies.



LEARN MORE

[IFSworld.com/iot](https://www.ifs-world.com/iot)

If you need further information, e-mail to info@ifsworld.com, contact your local IFS office or visit our web site, [IFSworld.com](https://www.ifs-world.com)

