Upgrade Kits

iOPS® Gateway

General information

John Bean Technologies Corporation (JBTC) is a leading supplier of integrated food processing solutions. From single machines to complete processing lines, we enhance value and capture quality, nutrition and taste in food products.

What's the problem?

The machines we produce are very mechanical by nature. However they do have a lot of sensors and create a lot of data that is currently being lost. This data contains information on wear within the machines, lost production times, and can predict all kinds of breakdowns. Data that is collected can now be used by creating manual reports. Creating these reports creates a significant delay between the events and reporting.
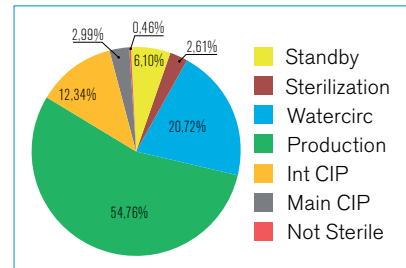
What is the new functionality?

By adding the iOPS® gateway to your infrastructure, data can be collected and securely uploaded to the iOPS® cloud service continuously. This cloud solution will show you the reports already known, but it will be the current data.

If the iOPS® logics detect failures or wear in the system, messages can be send via text, email, voice or custom reports. This enables the maintenance team to order spare parts and plan work orders in time.

What will be modified?

To connect your machine(s) to the iOPS® IIOT solution, JBT will provide you a gateway that will be connected to the cloud solution via your network and internet connection. Because iOPS® is created with the highest security network and encryption standards, it is not possible to tap the data. The fixed connection enables your IT to accept only dedicated connections to our server, without opening the servers to the internet. Alternatively, mobile solutions are also available.

0,46%	Standby
2,99%	Sterilization
2,61%	Watercirc
6,10%	Production
20,72%	Int CIP
12,34%	Main CIP
54,76%	Not Sterile

What's the impact?

Installation of the iOPS® gateway will be done at the same location of the HMI. This will not impact the operation of the machine. The customer can provide and internet connection, or alternatively a mobile solution can be provided. To connect the automation system to the gateway, some software and configuration is needed. This will take 4 hours per machine.
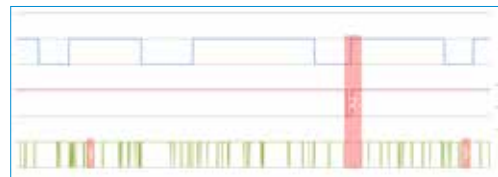
Agent Connection State

OK

What are the benefits?

By adding a iOPS® gateway you will

- Have access to up-to-date status/performance reports
- Can request for customized reports
- Can detect wear in parts like filters, valves, motors, etcetera
- Can have alarms configured
- Be triggered for OEE lowering wear

Eventually this will result in

- Less unexpected downtime
- Visible efficiency over time (day, week, month, year)
- Improved efficiency.

SF&DS.
Food & Dairy Systems

Ordering Information

As part of JBT's commitment to your success, our wide range of upgrade kits are designed to give you maximum return on your original investment through increased performance and service life.

Please contact *info.ams@jbtc.com* for more information or to request a quote.

All JBT kits are subject to software/system compatibility and may change without previous notice.