Cybersecurity and data privacy sheet
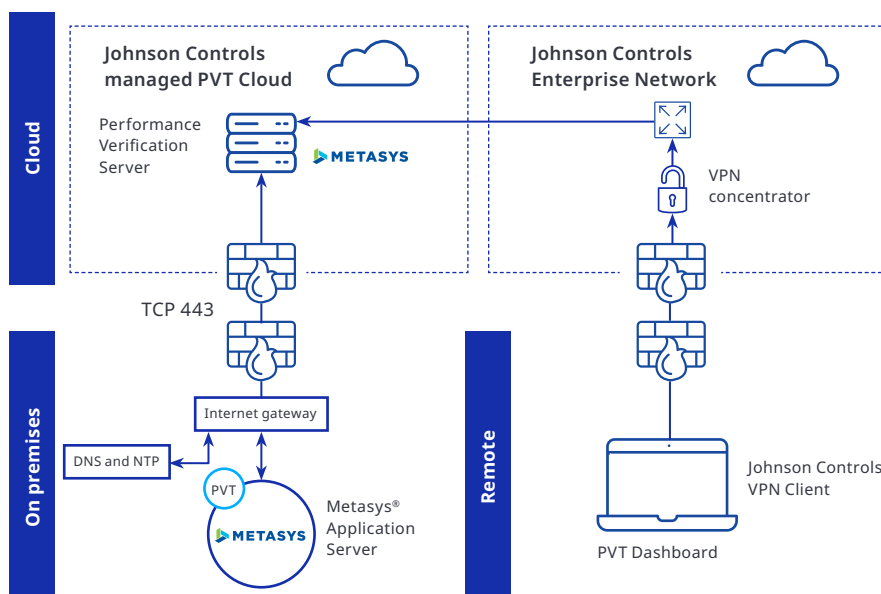
The Performance Verification Tool (PVT)

A comprehensive approach to keeping your business safe

Gain peace of mind with cyber-resilient systems and solutions that protect your data. Security is designed into all Johnson Controls products, hardware, hosted services and software.

Performance Verification Tool (PVT) diagnostic services


About the PVT

The PVT is a building automation system (BAS) site-scanning tool installed in a technician's laptop or a customer's computer/server and is a cloud data repository for storing the scanned data with a web portal for viewing the results of the scans. The PVT scans a BAS at a customer site and collects an inventory of hardware and software installed as part of the BAS. In addition, it captures spaces, equipment and point information that can be used to assess the performance of the BAS, such as energy optimization.

Learn more here.

The power behind **your mission**

Information flow map for the PVT

Please see the information flow map for the PVT below, which identifies where information is collected, stored, processed, accessed and transferred. Please note the specifics of this flow depend on the components chosen and deployed by the customer.
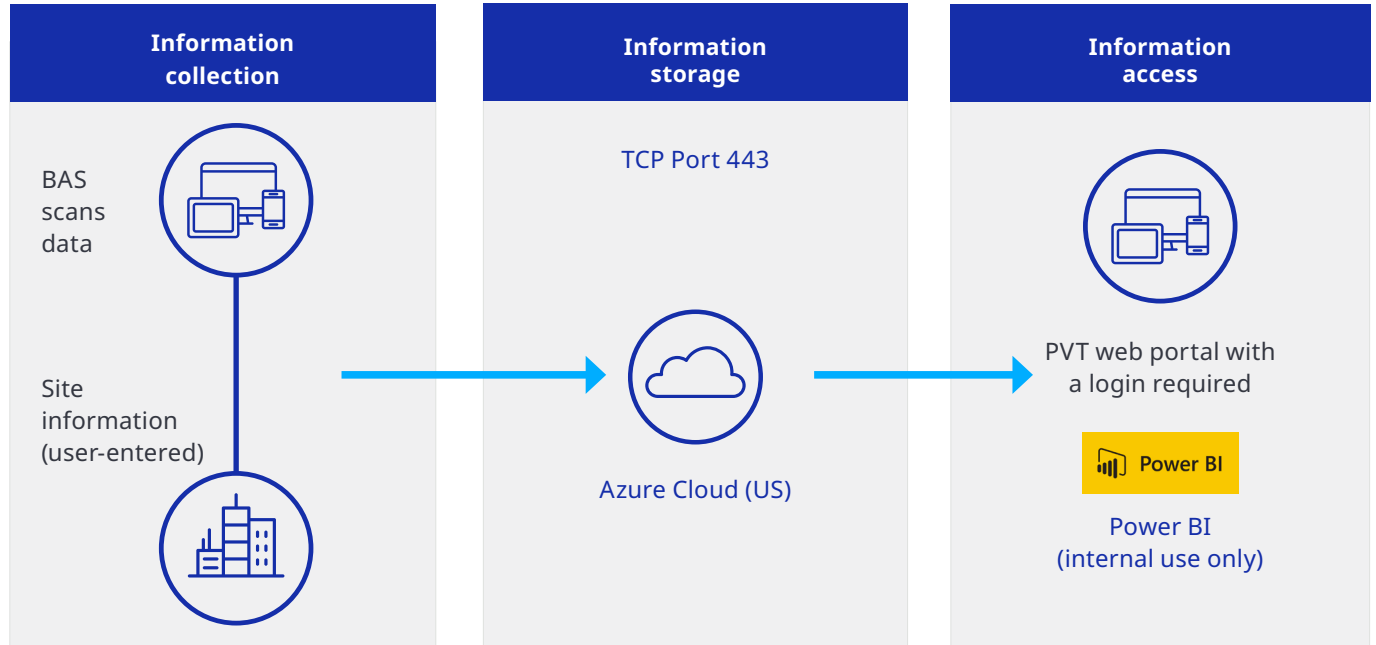
Personal data

The PVT does not process any categories of personal data.

Data processing details of the PVT

See below for details on each category of data processed by the PVT, the types of data within each category and the purpose of processing each type.

Number	Building data category	Types of data	Purpose of processing
1	BAS inventory data	Equipment model number, software version, MAC address, IP address, points, bus types, FQR	Equipment inventory
2	Site information	Project/site name	Ability to associate a scan to a site
3	BAS health and performance data	**Hardware** • CPU and memory-loading • Object counts • Board temperature • Battery condition • BACnet stats **BAS** • Alarms • Energy optimization (schedules, economizers, etc.) • Comfort (deviation from setpoint, etc.) • Reliability (dirty filters, overridden points, broken object references) • Features in use/not in use	BAS diagnostic (health condition)

Data retention and deletion of data

Johnson Controls has a Global Records Management Program, which includes Global Records Retention and Procedures. The purpose of our Global Records Management Program is to detail the responsibilities and working instructions necessary for the use, maintenance, retention or deletion of data Johnson Controls is processing, and to assign appropriate responsibilities to the right individuals. The Global Records Management Program applies to all worldwide locations and legal entities controlled by Johnson Controls.

When Johnson Controls processes data on behalf of a customer or when our products are operating on customer sites, to the extent provided by the product's functionalities and upon the system's configuration, the customers may access such data and delete it at any time on their own. The default retention periods, as predefined by Johnson Controls, apply. See the table below for the default retention periods applied to the PVT.

Prior to the end of a subscription, the customer may export its data using the available products' internal export features. If, during the 90 days following the end of a subscription, Johnson Controls receives from the customer a request to export the customer's data, Johnson Controls will provide the customer an export of its data in a structured, commonly used machine-readable format as reasonably determined by Johnson Controls. Such a request must be made to the Johnson Controls Digital Customer Support email (currently, BE-JCI-OpenBlueSupport@jci.com). If not already deleted by the customer using available internal product deletion features, the customer's data will be deleted after such a 90-day period or as otherwise agreed. During any retention period, the provisions of the underlying agreement that are applicable to the retention and products of customer's data continue to apply.

Default retention periods for customers data are as set forth in the table below:

Data category	Retention period	Reason for retention
IP address	For the period of active subscription + 90 days	Required to preserve the state of the site for support and maintenance purposes
BAS inventory data	For the period of active subscription + 90 days	Required to preserve the state of the site for support and maintenance purposes
BAS health and performance data	For the period of active subscription + 90 days	Required to preserve the state of the site for support and maintenance purposes

Sub-processors for the PVT

Please see the list of current sub-processors utilized for the PVT below:

Sub-processor	Service type	Location of data centers
Microsft Azure Cloud	Third-party cloud hosting	• United States • Asia Pacific • UAE • Canada

ISASecure® Security Development Lifecycle Assurance (SDLA) certified

All Johnson Controls global development locations comply with this security lifecycle development certification, conforming with ISA/IEC 62443-4-1 and encompassing all associated brands. This certification reinforces our customer commitment to provide cyber-resilient solutions that follow best-in-class industry practices.

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Please note that this document is for customer guidance purposes only, is not legal advice and is subject to changes from time to time due to modifications to our solutions. Johnson Controls is not a law firm and does not provide legal advice. While Johnson Controls products and solutions are designed for use in compliance with applicable law, implementation and deployment of Johnson Controls products and solutions should be reviewed by appropriate customer advisors and stakeholders for such compliance.

We combine our critical focus on cybersecurity and privacy with digital innovation and building expertise to deliver smart building solutions.

Please visit our website at **www.johnsoncontrols.com/trust-center** or contact us at **productsecurity@jci.com** to learn more.

About Johnson Controls:

At Johnson Controls (NYSE:JCI), we transform the environments where people live, work, learn and play. As the global leader in smart, healthy and sustainable buildings, our mission is to reimagine the performance of buildings to serve people, places and the planet.

Building on a proud history of nearly 140 years of innovation, we deliver the blueprint of the future for industries such as healthcare, schools, data centers, airports, stadiums, manufacturing and beyond through OpenBlue, our comprehensive digital offering.

Today, with a global team of 100,000 experts in more than 150 countries, Johnson Controls offers the world's largest portfolio of building technology and software as well as service solutions from some of the most trusted names in the industry.

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