

## Building Operator Value Propositions of the *Metasys®* User Interface

## Customer Need

Metasys Features

Building Operator Benefits

Johnson Controls Advantage "Allow access to Metasys from anywhere without installing client side software."

Access from any smart phone, tablet or computer using a web browser. Content shown automatically adjusts to the screen size in use.

Simplified access and mobile optimization make users more productive whether at their desk or "on the go".

The industry's only 100% device-agnostic and mobile-optimized experience. Competitors use native apps or only support tablets.

"Provide an easy to learn system with simple and quick ways to find information."

Easily visualize floorplans and equipment using Standard Graphics or Graphics+. Intuitively search for any space or equipment by name.

Preserve your investment in graphics. Intuitive design eliminates extensive training and allows faster completion of tasks.

Provides the industry's only 100% pure space-based approach to navigation. It's much harder to find info using competitive software.

3 "Clearly display relationships between spaces, equipment and field devices."

Automatically displays all equipment serving a space, equipment serving equipment and field devices controlling equipment.

Enables rapid and confident troubleshooting by delivering an experience that mimics the way operators typically work.

The industry's only system that automatically displays relationship info. Competitors typically create custom graphics. "Save me time by allowing me to proactively address issues."

Quickly see which spaces are affected by an alarm and sort by priority. Bulk acknowledge alarms to focus on the most critical occurrences.

Allows users to manage and receive alarm notifications while on or offline, for control "on the go".

Competitors lack the ability to bulk acknowledge alarms which means critical alarms could be missed.



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## **Customer Need**

(5) "Help me uncover and resolve issues within a space."

space."

Provides a single

6 "Allow me to view all changes made to equipment over time."

"Summarize all my equipment so I can conduct comparisons."

8) "Allow me to view and make changes to multiple schedules affecting spaces at once."

*Metasys* Features

Provides a single interactive report for a space that displays non-normal items and allows immediate user action.

Provides a unified display of user changes (audits) and alarms for a piece of equipment over a period of time.

Consolidates similar equipment data into a table format that allows for sorting, filtering and commanding of items.

"Outlook"-like feature provides the ability view the current or future schedule and to add multiple exceptions in a single operation.

Building Operator Benefits

Makes users instantly productive and more effective since this report can be used as a daily "punch list".

Improves speed to diagnose and resolve issues by preventing extensive time spent searching for info. Easily conduct equipment comparisons to locate problems faster and reduce time spent troubleshooting. Familiar design allows for ease of use and being able to change multiple schedules at once provides increased productivity.

Johnson Controls Advantage Competitors use multiple static reports that do not allow immediate action to resolve problems.

No other competitor can display user changes and equipment alarms in the same time series view.

Competitors don't summarize large amounts of equipment data; they build custom graphics for this. Competitors don't easily display all schedules affecting a space or piece of equipment or offer mass creation and editing capabilities.