ALERTON PRODUCTIVITY SUITE

POWERED BY Roby

USE AI TO MAKE YOUR INDIVIDUAL SPACES MORE COMFORTABLE, ENERGY EFFICIENT, AND BUDGET FRIENDLY

Employees complaining it is too cold. Copy machine is down again. Varying arrival and departure times throughout the week. All of these – and more – impact our facility teams on a daily basis. When the growing need for more budget allocated to electricity is incorporated into the situation, it makes for a never-ending challenge. Fortunately, Alerton, and their friend Roby, is ready to help.

STEP UP TO THE ALERTON PRODUCTIVITY SUITE

Alerton Productivity Suite adds Artificial Intelligence to Compass, integrating with current messaging platforms to assist in day-to-day employee requests to minimize the burden on office managers and facility coordinators. Roby is the user interface of the Alerton Productivity Suite and has been designed to be conversational, so it is extremely easy to adopt and intuitive to use.

Roby is only one part of the Productivity Suite. Once the request is clarified through fact-finding questions, actions are automatically generated based on custom-built algorithms for a specific facility.

Roby provides integrations with the following:

HVAC: Control temperature of workspaces at any time and have preferences automatically applied in the future.

Lighting: Adjust lighting in any workspace and create schedules to maximize energy use efficiency.

Work Order: Submit tickets anytime, anywhere, and get immediate responses with automatic notifications, 24/7. Integrates with any IWMS or CMMS.

Calendar: Request office space and book meeting rooms on the fly.

Operator Portal: Web based application for building operators. Allows users to view occupant complaints, usage, track results and energy savings over time.

KEY FEATURES

FOR OCCUPANT:

- Simple, natural language chat-based UI
- Resolves immediate cold, hot, stuffy, breezy comfort complaints with follow up
- Occupant after-hours overrides
- Conversational occupant location identification
- Periodic chat bot surveys to validate comfort

FOR OPERATOR:

- Full featured web portal and simple chat-based UI
- Save time reducing occupant hot/cold adjustment requests
- Broadcast messaging via chat system to occupant population
- AI features configurable by zone
- AI observed issues and conflicts with HVAC system
- Occupant requests reports
- Failure notifications

The simple installation process gets customers on-line in as little as three days for immediate results:
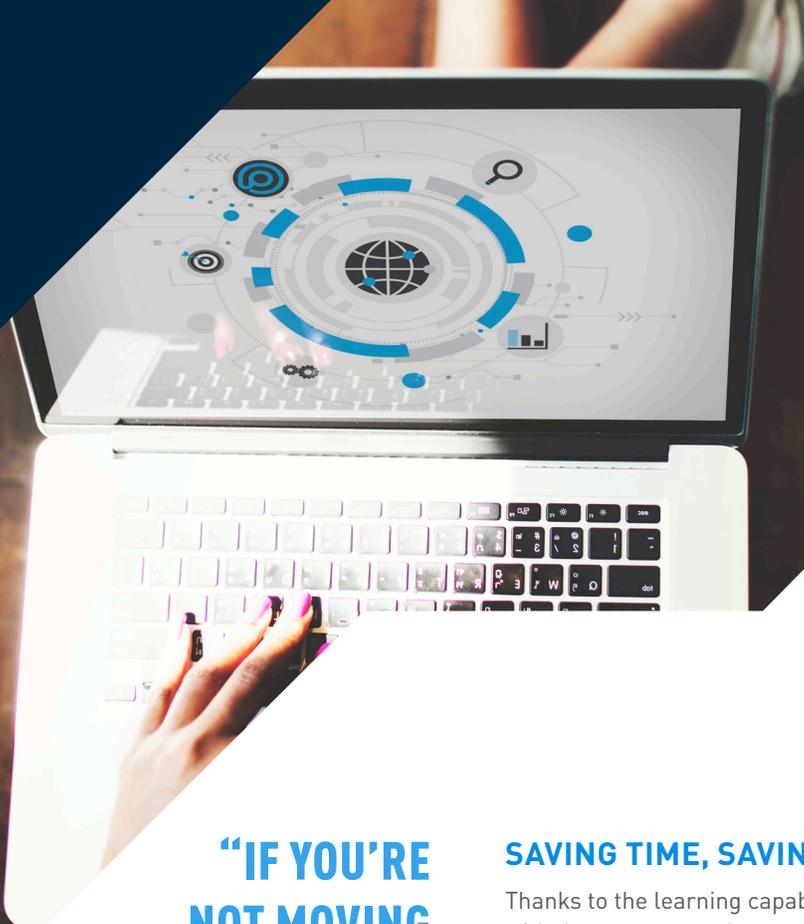
SIMPLE DEPLOYMENT

Step 1: Site preparation and survey: One to two days.

Step 2: Install IoT Device and enable Chatbot: About an hour.

Step 3: Send email to occupants: About an hour.

Chatbot support: Skype, Skype for Business, MS Lync, Slack, FB Messenger, HipChat, SMS, Email

ALERTON
Inspiration. Innovation. Integration.

"IF YOU'RE NOT MOVING FORWARD, YOU ARE FALLING BEHIND."

SAVING TIME, SAVING MONEY

Thanks to the learning capability of the Productivity Suite AI, collected data is labeled with the requests and responses from the occupant population (hot/cold/comfortable interactive feedback via Roby) and augmented with external data sources (weather, sun position, etc.). The data learnings are used to dynamically and autonomously optimize the environment. This not only improves individual productivity (by up to 20%), but also dramatically reduces service calls and non-emergency facility requests. Plus, by having user-specific trend data, the Productivity Suite can manage temperature and lighting requirements, saving unnecessary energy use.

ALERTON DELIVERS INDUSTRY LEADING INNOVATION

By partnering with Roby, Alerton is deeply integrating AI into its Ascent system and leveraging rich datasets to deliver industry leading BAS solutions that are not possible with other vendors.

Leveraging the Roby AI platform, Alerton gives operators new levels of visibility into how their buildings are performing. This increased visibility improves occupant satisfaction and comfort while delivering substantial labor savings for operators. This creates unique operational efficiency and market advantage for property owners.

RESULTS*

- Building operators can expect an average of 25% labor savings and near elimination of cold/hot calls, allowing the staff to focus on maintenance to enhance capital equipment ROI.

- Increased in occupant comfort of greater than 80%.

- Cooling energy savings of up to 20%, heating energy saving of up to 47%

- Reduced equipment wear by reducing equipment cycling with learned optimal dead band settings.

*Reference document: GSA Socially driven HVAC Optimization

Roby