

# Missing IoT Link for Smart Building Automation

Waylay is the leading automation platform for the Internet of Things. With Waylay, enterprises put their IoT data to immediate operational use by automating business workflows that bridge the gap between IoT solutions, enterprise IT systems and cloud services.

Waylay's low-code development platform dramatically speeds up IT & IoT data convergence



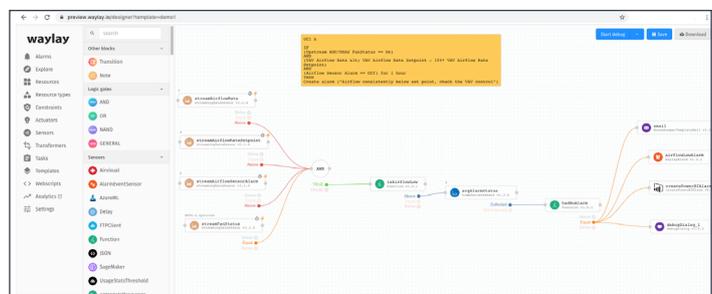
## Next-gen smart building applications

Waylay's automation platform complements ongoing IoT initiatives and processes real-time sensor data, from both legacy systems as well as new sensors, to add a new layer of business intelligence to smart buildings. Waylay's data analytics fuels new solutions for optimized facility management, preventive & predictive maintenance of HVAC systems, failure detection, occupant safety, asset and energy optimization, alarm response and optimized field service teams to streamline business processes and create new, high-margin revenue streams.

## Waylay's automation platform kickstarts new smart building scenarios

The Waylay smart building automation platform no longer requires the typically complex mix of IT development skill sets to create, productize and maintain new use cases. The low-code development environment with drag & drop rules engine visual programming interface allows cross-organisation collaboration. Data scientists can efficiently put their algorithms in production, while maintenance managers can develop and validate their own information, decision & control flows and tweak and maintain them as needed. None of this requires lengthy IT development cycles.

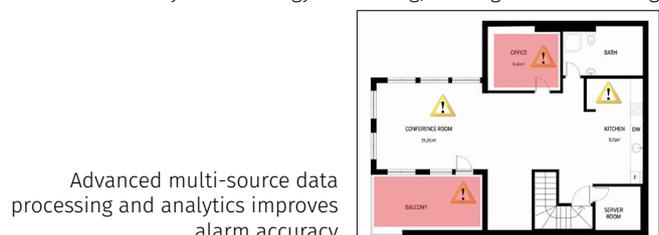
The automation platform for smart buildings hosts a set of use-case rule templates that kickstart the creation of new scenarios and that can be adapted for every specific building, structure or environment. This results in a quick go-to-market of new smart building applications and minimal in-house resources and skills to maintain the solutions platform.



Rule designer: Waylay's low code development environment



Example for retail store energy consumption: advanced energy use analytics for energy monitoring, alerting & benchmarking



Advanced multi-source data processing and analytics improves alarm accuracy

According to ABI Research,

“ The automated building market has traditionally focused on four conventional sectors: **HVAC, lighting, access control** and **fire & life safety**. Today, new emerging applications in **space management, environmental monitoring, asset management** and **cleanliness & hygiene management** are being offered.

Together, these new solutions will grow at **32% CAGR** over the next 8 years to create **US\$2 billion in software and services revenues** by 2026. ”

This creates a tremendous opportunity for manufacturers of building equipment, building management service providers and software companies to deploy these new intelligent building applications and realize a swift response to changing circumstances, legislation and customer needs.

## Create your new Smart Building Applications

- Energy management
- Building asset management
- HVAC, DOAS, VAV & chiller management
- Preventive & predictive maintenance
- Remote monitoring & diagnostics
- Anomaly & failure detection
- Tracing of defective devices
- Alarm management & response system
- Field service team optimization
- Indoor air quality management
- Occupancy based HVAC
- COVID-19 facility management cases
  - Optimal planning for cleaning & disinfection team
  - Meeting room occupancy, safety & comfort



Best in class IoT automation and analytics platform



Out of the box connectors to interface with your IoT platform



Short development cycles for quick time to market of new smart building applications



Minimal in-house resources and skills to maintain the solutions platform.



Extensive template library for smart building use cases



Low-code development environment based on visual programming interface

## Waylay Smart Building Automation Platform

More info on Waylay's smart building solution: [www.waylay.io/solutions/smart-buildings](https://www.waylay.io/solutions/smart-buildings)

For a detailed technical description of the Waylay architecture and features, please refer to: [Waylay's technical documentation page](https://docs.waylay.io)  
<https://docs.waylay.io>



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