

Rhapsody

IoT Platform for Energy Management System

Flexible and Inclusive Automation Platform

Telkonet introduces its latest innovation, the second-generation automation platform, Rhapsody.

For access, control, and monitoring, the future of building automation lies in a networked platform. Rhapsody is Telkonet's latest web-based intelligent automation platform. Whether it's Wi-Fi, Bluetooth, or Zigbee, Rhapsody's got you covered.

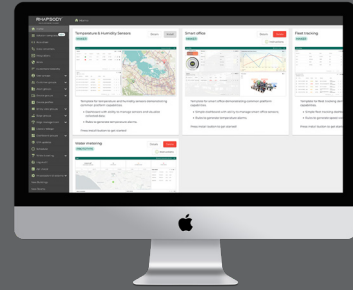
Rhapsody's innovative technology enables it to integrate with the variety of communication protocols your property already uses. And you'll no longer be tied to one communication protocol in your future technology investments.

Three Technologies

Rhapsody is designed for its flexibility and inclusiveness. It's designed to make installation easier and seamlessly integrate building automation.

Rhapsody consists of three integrated, technologies:

Our latest cloud-based software, Rhapsody designed for building managers and engineers to monitor and control in-room technology. Whether that technology is based on Wi-Fi, Bluetooth, or Zigbee, Composer speaks their language. Take advantage of real time data and custom reporting, depending on your priorities. Take advantage of high-level building views along with granular, individual room control.



Why Rhapsody?

- Rhapsody's Wi-Fi capability makes it quick and easy to install, configure, and remotely troubleshoot.
- Rhapsody software features multi-site viewing from a single platform, user-friendly graphics, and powerful analytics.
- There is a Rhapsody thermostat for practically every scenario, from thermostat retrofits, to smaller PTACs, to customizable button options.

Rhapsody also features our latest mobile application designed specifically for installers, engineered for easy commissioning of your in-room IoT devices. Setup is a breeze because the heavy lifting has been done for you.

And finally, Rhapsody's mobile app puts in-room technology control in the hands of residents, no matter where in the world they happen to be. Featuring customized schedules and "Smart Away", for increased energy savings when no one is home.

Simplicity and Potential

Retrofitting thermostats in existing properties with Rhapsody thermostats is a superior solution. Rhapsody's Wi-Fi capability makes configuration to the network fast and easy and makes troubleshooting offline devices simple. Telkonet thermostats such as Aida can operate using a wide range of power relays from 12 volts up to 240 volts with no additional equipment, so Rhapsody is likely compatible with all of your HVAC units.

Flexibility and Scalability

Rhapsody devices easily integrate with popular EMS devices on the market today such as smart draperies and smart door locks. Because of this, the platform will remain relevant into the future.

Data Security

All the data gathered by the collection of Rhapsody devices is transmitted to the Rhapsody software hosted by Amazon Web Services through a highly secure protocol. Regular checks, security/vulnerability updates, and data backups ensure the ongoing availability of the service.

System Updates

The Rhapsody platform provides 24-hour functionality and maintenance, automatic security and vulnerability updates, continual back-ups, data and privacy safety and protection through the use of encrypted protocols and industrial protocols for integrations with third parties.

Energy Efficiency and Cost Containment

HVAC and lighting are responsible for up to 45% of hotel energy usage. The Rhapsody platform controls both direct and indirect costs for the hotelier, saving up to 45% of a property's annual energy expenditure and streamlining day-to-day facilities management functions.

System Configuration

The hotelier has access to property data at any time, from wherever he is. One of the main advantages of the Internet of Things (IoT) is its ability to manage big data and parse it into information that will then be the basis for data analysis aimed at improving a variety of processes.