

Anywhere Anytime Accessible

LG **BECON** cloud

Remote HVAC Maintenance Solution



Managing
Energy Usage



Maintaining
Air Comfortable

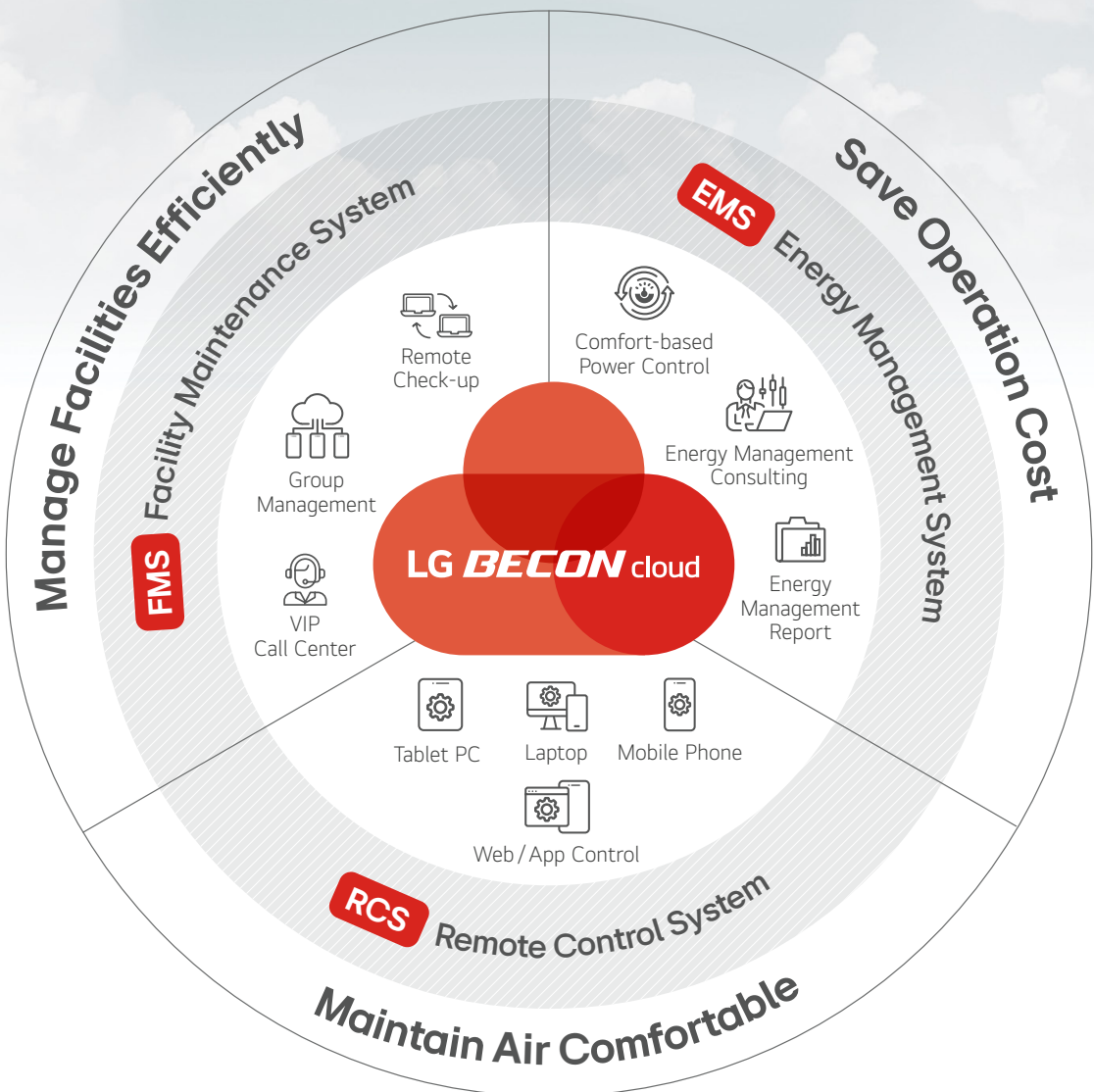


Saving
Operation Cost

Concept

BECON cloud is a cloud-based platform that provides total maintenance services for Air Solution products, offering prompt dispatch services through real-time monitoring, efficient management of facilities, and energy management.

BECON cloud



* In order to use BECON cloud service, you must sign up membership and install BECON cloud app to use on a mobile device.
* For Android or iOS Users : Search for "BECON cloud" on Google Play or the Apple Store and proceed with the download.

BECON cloud makes yours needs a reality

Building Owners

Need to decrease
operating costs



Lower overall operating costs by **remotely managing devices** that unnecessarily turned on and using **energy saving service** for devices in operation

Facility Managers

Need to operate
efficiently



In order to avoid unplanned downtime, **remote diagnosis** identify operational anomalies, enabling timely repairs before errors occur

End Users

Need to maintain
air comfortable



Maintaining air comfort by **remote management** anytime from anywhere and getting **proactive and accurate repairs** in case of problem



* Maintenance service contract is required to use the various services mentioned. These images are designed to help customers understand.

Main Functions

Control more conveniently! Manage smarter!

Manage faster and more conveniently in real time!
Remote Monitoring & Control

Easy management of
devices and energy

Reduced
downtime

Accessible to
multiple users



Remote Monitoring and Control

General Service

Proactive Service by BECON cloud

Respond quickly with fast detection of device abnormalities!
Notification Function

Rapid response
(Customer)

Check operation in advance
(Engineer)



Email Error Notification

- EHP
- Chiller

Notification error

Technical consultation

Service call reception

Procedure to repair



App Push Error Notification

- Chiller

Systematic operation with continuous predictive management!
Regular Reporting

Prevent
breakdown

Reduced
operating costs



EHP / GHP Device Status

For facility managers



EHP Energy Management¹⁾

For building owners
and facility managers



EHP AI Diagnosis¹⁾

For facility managers



Chiller Smart Diagnosis²⁾

For facility managers

1) These services are available in South Korea. These features will become available in other countries soon.

2) Chiller Smart Diagnosis report supports centrifugal and absorption chiller.

* These functions detailed specifications may vary by country or region and maintenance service contract is required to use the various services mentioned. These images are designed to help customers understand.

Make your information safer!

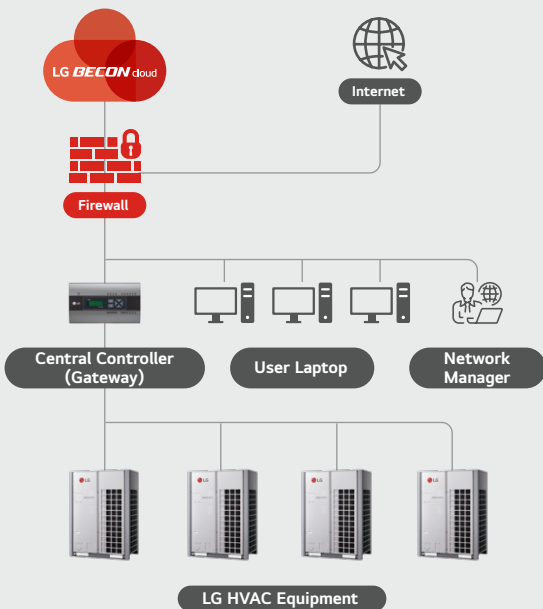
Security is more complete!

How to Connect to BECON cloud Server Safely

Case 1

Access using the company's Internet network

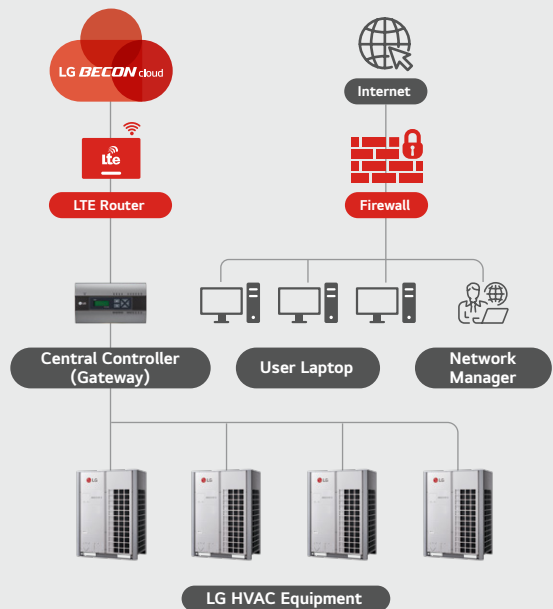
- Stable communication through on-site security firewall
- No need for additional network expansion



Case 2

Connection using LTE network

- Separation of existing internal network by building a new external network
- Increased scope of security due to network expansion



BECON cloud Security Policy

- ✓ The central controller uses only **outbound calls** with the security **authentication key** assigned by BECON cloud (Inbound calls from the outside can be restricted by network firewall)
- ✓ The central controller **supports private IP** setting (Static or DHCP IP) according to customers network operation policy
- ✓ Encryption-based **Internet security protocol** (SSL) when connecting to the Internet

Reference Sites



Commercial Office (India) : MULTI V System



Villa (UAE) : MULTI V System



Shared Offices (Korea) : MULTI V System



Fast Food Stores (Italy) : MULTI V System



Shopping Mall (Philippines) : Chiller System



Hotel (Vietnam) : Chiller System

* These images are designed to help customers understand.

LG Maintenance Service

LG offers many types of Annual Maintenance Contract (AMC) services with BECON cloud.

Please check out the Maintenance service website (<https://www.lg.com/global/business/service-maintenance>) or contact the nearest LGE or LGE partner.

Ver. 1.01

LG Electronics

Tel :

Address :