

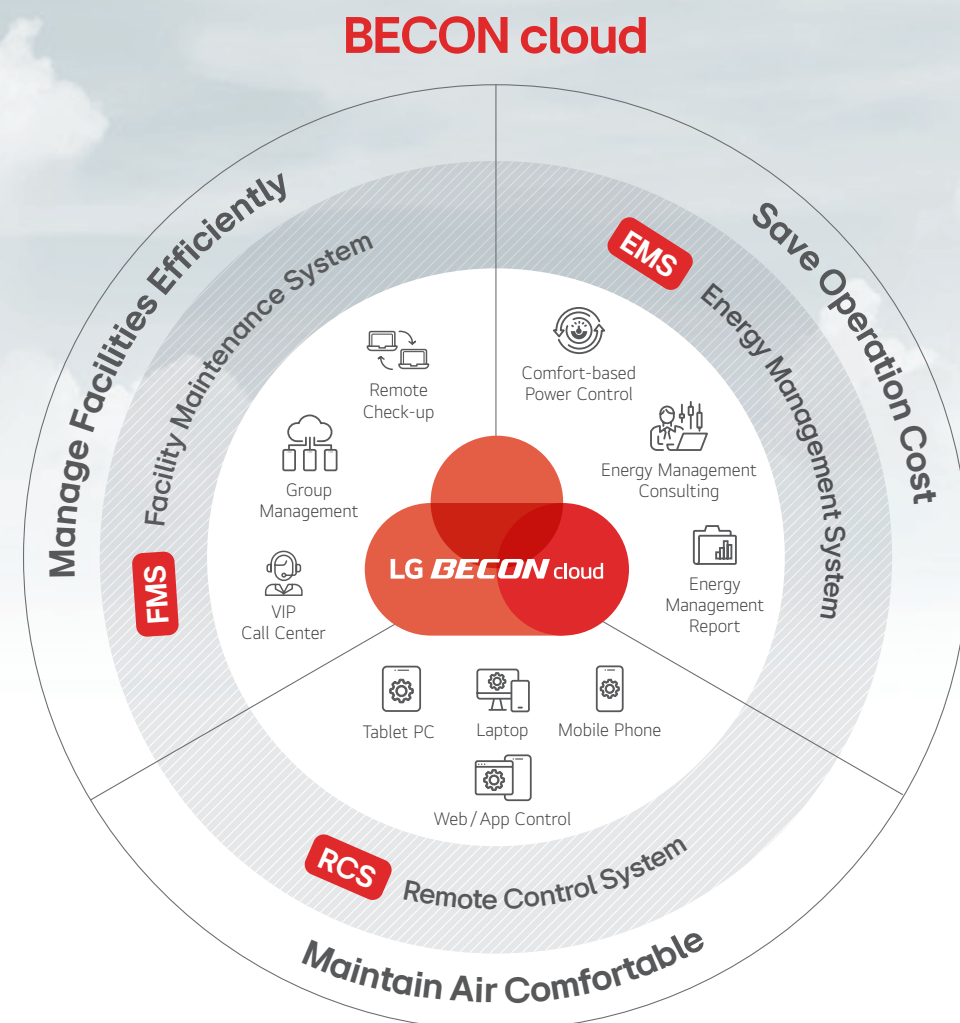


Concept

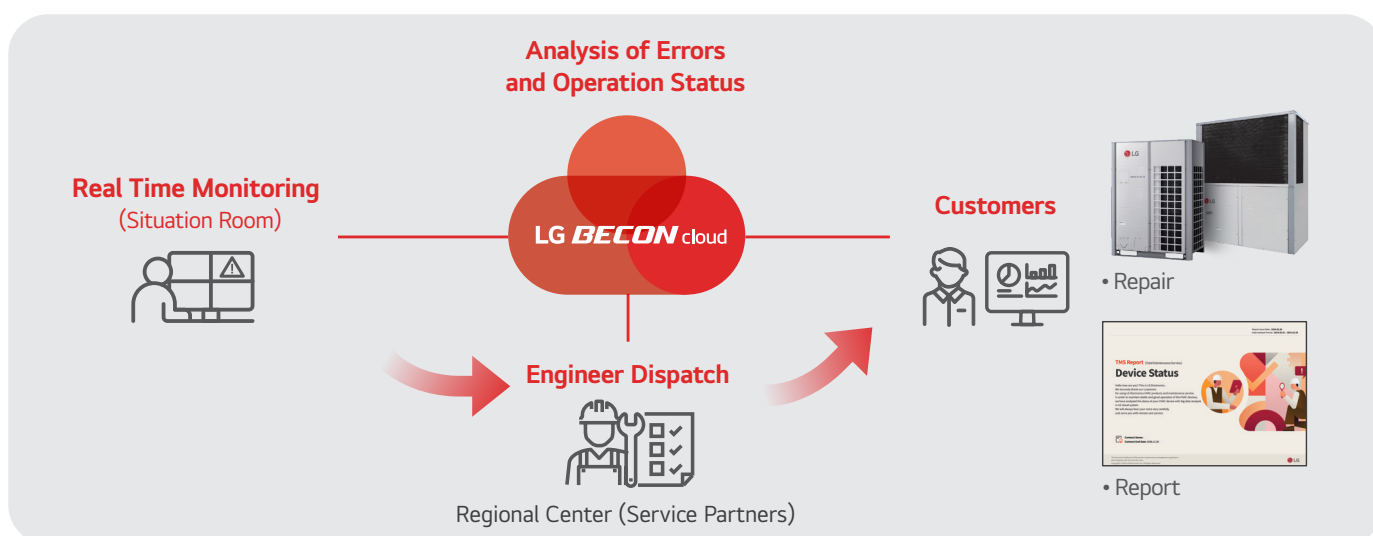
LG Electronics HVAC Service & Maintenance

Hi-M.Solutek

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.



Operation Process



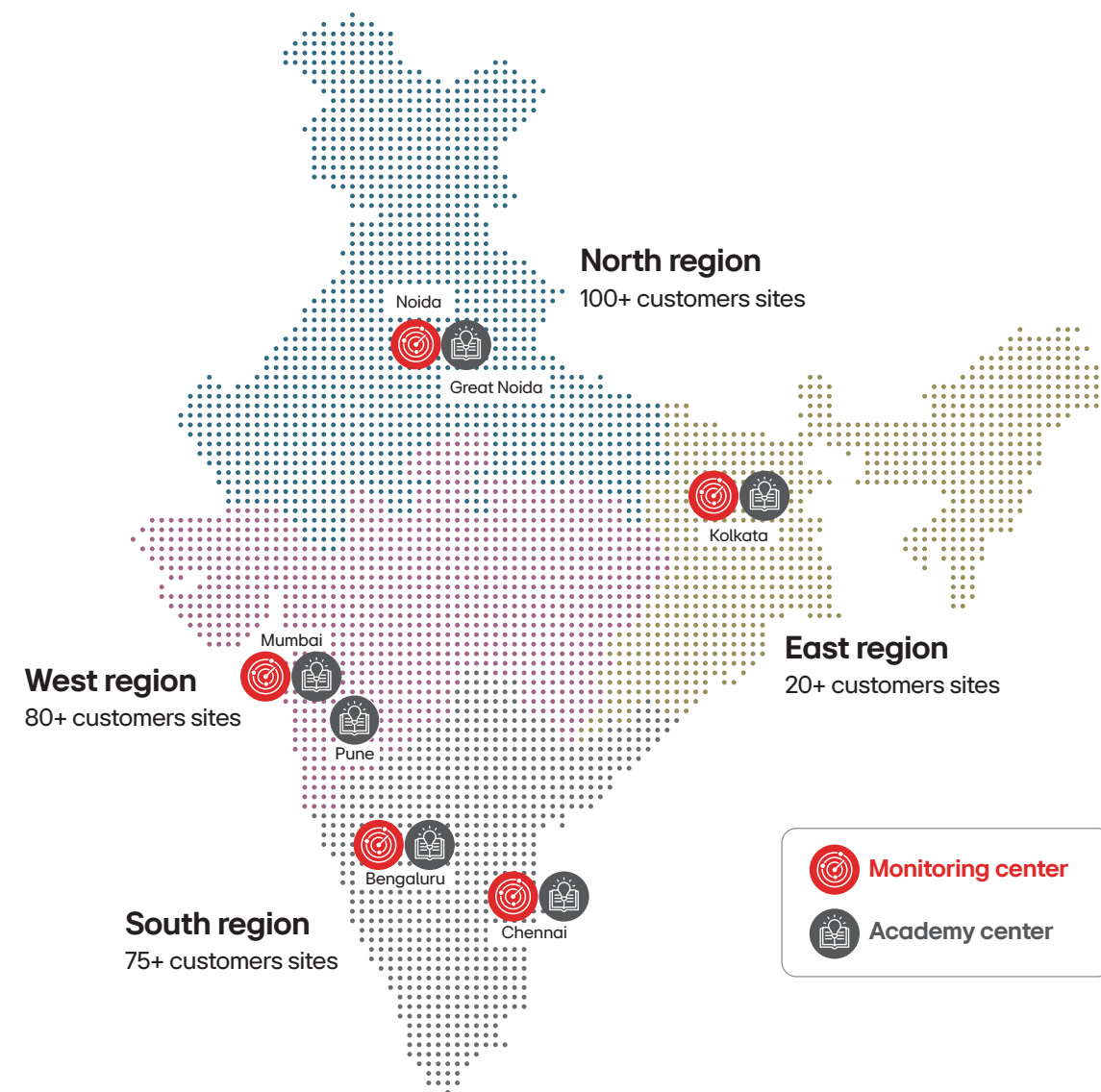
* In order to use BECON cloud service, you must sign up membership and install BECON cloud app to use on a mobile device.
* For Android or iOS Users : Search for "BECON cloud" on Google Play or the Apple Store and proceed with the download.



BECON cloud Centers

LG Electronics HVAC Service & Maintenance

Hi-M.Solutek



5 BECON cloud Monitoring Centers for monitoring customer sites remotely

6 Academy Training Centers for developing technical expertise

275+ Customer BECON cloud Sites being maintained through our Total Maintenance Solution

Service Excellence at your fingertips

Hi-M. Solutek Maintenance Service

Hi-M. Solutek offers many types of Annual Maintenance Contract (AMC) services with BECON cloud.

Call Center Support

T : 1800 180 3575 | E : cac.service@lgepartner.com

For BECON cloud support, please contact :

tms.himsolutek@lgepartner.com

Ver. 2.1

* All of the information in this leaflet is subject to change without notice.

Distributed by



LG Electronics HVAC Service & Maintenance

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Anywhere Anytime Accessible

LG BECON cloud (TMS)

Remote HVAC Maintenance Solution



Maintain
Air Comfortable
(RCS)



Manage
Facilities Efficiently
(FMS)



Save
Operation Cost
(EMS)



Remote Control & Facility Management

LG Electronics HVAC Service & Maintenance

Hi-M.Solutek

Control more conveniently! Manage smarter!

Manage faster and more conveniently in real time!

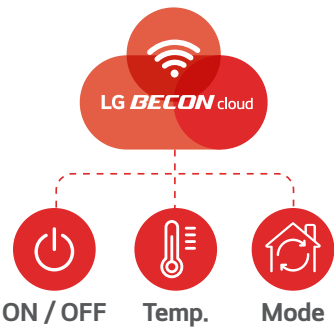
Remote Monitoring & Control

Easy management of
devices and energy

Intuitive monitoring
by Map View

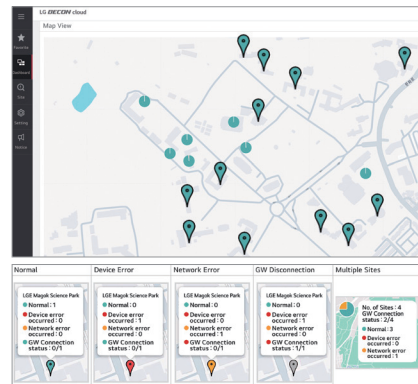
Accessible to
multiple users

Remote Control by Web / App



Maintaining a pleasant environment and
manage energy usage.

Map-Based Multi Sites Monitoring



※ Available when selecting map widget in dashboard.

Respond quickly with fast detection of device abnormalities!

Notification Function



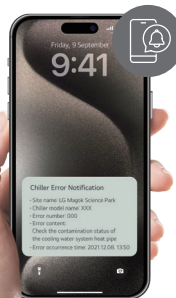
Email Error Notification
- EHP
- Chiller

Notification error

Technical consultation

Service call reception

Procedure to repair



App Push Error Notification

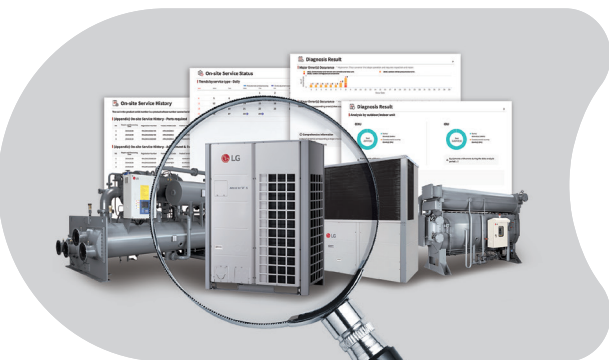
- Chiller

Quick Response
(Customer)

Check operation in advance
(Engineer)

Systematic operation with continuous predictive management!

Regular Reporting



**EHP / GHP
Device Status**
For facility managers

- 1) This service is available in South Korea. These features will become available in other countries soon and may vary by regions or countries. Stay tuned for updates.
- 2) Chiller Smart Diagnosis report supports centrifugal and absorption chiller.



**EHP
AI Diagnosis¹⁾**
For facility managers



**Chiller Smart
Diagnosis²⁾**
For facility managers

* 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.



Energy Management

LG Electronics HVAC Service & Maintenance

Hi-M.Solutek

Cost-saving effect through Systematic Energy Management!

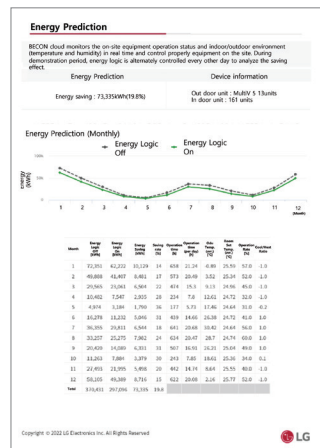
Energy Saving Solution

Provides energy management through optimal operation that maintains a comfortable environment.

Step by Step Approach of Energy Saving Solution

The 1st Stage : Prediction

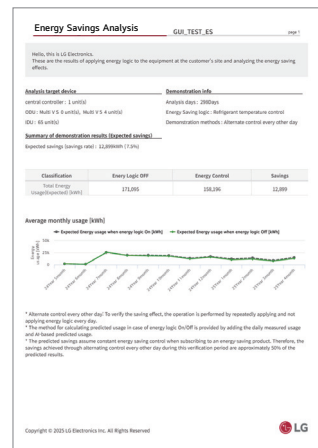
Prediction of savings based on
on-site devices operation data



Prediction Report (Example)

The 2nd Stage : Demonstration

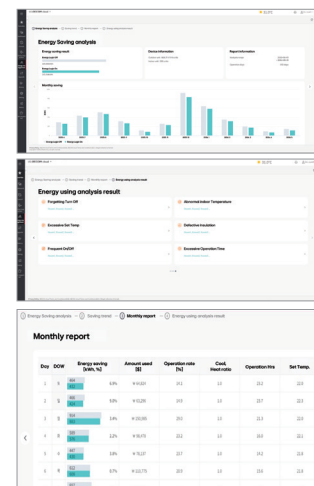
Analyze your savings by operating
energy control every other day



Demonstration Report (Example)

The 3rd Stage : Saving

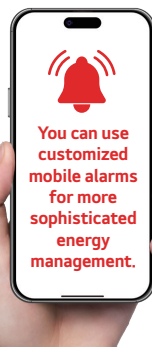
Energy Saving Results,
Device Usage Analysis



Saving Effect
7%~27%

Energy Waste Notification

Usage pattern analysis detects
when energy is wasted,
providing administrators with
mobile alerts and additional
energy management.



Forgetting Turn OFF



Defective Insulation



Excessive Set Temp.



Abnormal Indoor Temp.



Excessive Operating Time

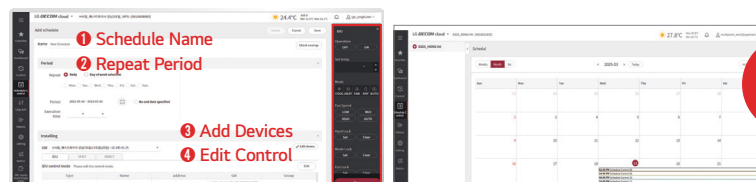


Frequent ON / OFF

* This service is expected to be available overseas in the second half of 2025. For more information on release dates, service details, supported products and controllers, please contact the service engineer or maintenance sales representative.

Schedule Management

Remotely control the operating temperature and mode or turn the device ON / OFF according to your schedule to
minimize energy usage while maintaining comfort.



* Control panel for IDU

* This service is currently supported from Cloud Gateway SW 1.0.031 and the supported controllers will be expanded gradually.



Reference Sites

LG Electronics HVAC Service & Maintenance

Hi-M.Solutek



(West Bengal) Mohan Mall

- ZONE : East
- HP : 498
- VERTICAL : Shopping Mall
- ODU : MULTI V 4
- IDU : CST / DU / AHU



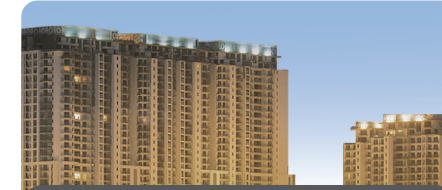
(Kolkata) Bangur Hospital

- ZONE : East
- HP : 502
- VERTICAL : Hospital
- ODU : MULTI V 4
- IDU : CST / DU / AHU



(Noida) Express Trade Tower

- ZONE : North
- HP : 3,200
- VERTICAL : Office
- ODU : MULTI V 4
- IDU : CST / DU / AHU



(Gurgaon) DLF Crest Condominium

- ZONE : North
- HP : 3,400
- VERTICAL : Condominium
- ODU : MULTI V 4
- IDU : CST / DU / AHU



(Pune) Sunbeam Technologies

- ZONE : West
- HP : 170
- VERTICAL : IT Office
- ODU : MULTI V 4
- IDU : CST / DU



(Chennai) Redington

- ZONE : South
- HP : 520
- VERTICAL : Office
- ODU : MULTI V 5
- IDU : CST / DU



Energy Saving Field Case



(Noida) Apartment

- ZONE : North
- HP : 14
- VERTICAL : Residential Building
- ODU : MULTI V S
- IDU : CST



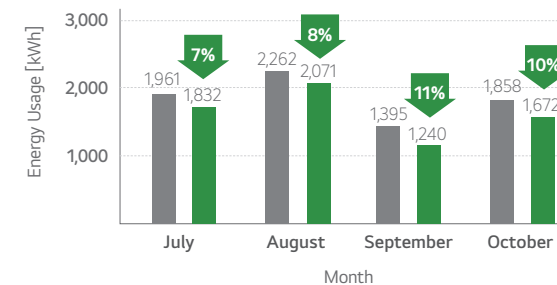
(Chennai) Office

- ZONE : South
- HP : 142
- VERTICAL : Office
- ODU : MULTI V 5
- IDU : CST

Energy Saving Effect		Monthly Average
Energy Usage [kWh]	Energy Logic OFF	1,869
	Energy Logic ON	1,704
Energy Saving [kWh]		165
Energy Saving Ratio		9%

Energy Saving Effect		Monthly Average
Energy Usage [kWh]	Energy Logic OFF	2,544
	Energy Logic ON	2,306
Energy Saving [kWh]		238
Energy Saving Ratio		9%

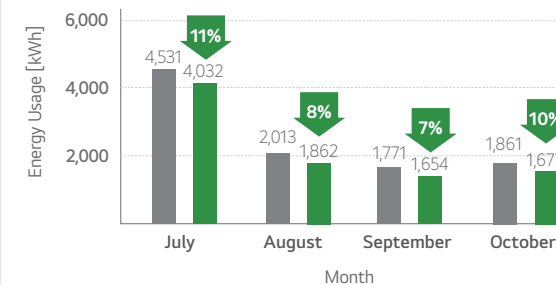
Energy Usage and Saving Ratio Trend



■ Energy Logic OFF (kWh)

■ Energy Logic ON (kWh)

Energy Usage and Saving Ratio Trend



* The images shown are artist's impressions only and are example of some of the sites we have worked upon.
* Energy saving demonstration results during 4 months in 2024.