



# LCBS Connect™ Analytics

## Unmatched Efficiency For Your Business And Your Customers

Service contracts are great for business, and LCBS Connect makes them more profitable, not only through remote connectivity, but especially through constant analysis of real-time data.

Hundreds, even thousands, of data points throughout a building's or enterprise's systems are reviewed and analyzed by LCBS Connect. When an issue is detected, LCBS Connect alerts you.

## Much More Than A Monitoring System

LCBS Connect analytics alert you to potential HVAC system problems via SMS text or email messages. The cloud-based system provides you with the data you need in an easy-to-read graphical format, so you can perform remote diagnostics that allow you to:

- Fix many issues remotely without the customer even being aware of the problem
- Know the level of priority so you can better plan site visits within the rest of your schedule
- Know the needed parts and tools in advance, so you can reduce unnecessary travel time

⚙️ LCBS Connect helps makes the invisible, visible. **THAT'S ANALYTICS IN ACTION.**

## EXAMPLE 1: VENTILATION

LCBS Connect monitors economizer operation and provides you with data and analytics that help your customers save energy and optimize equipment life. In addition, LCBS Connect monitoring makes economizers compliant with California Title 24 and IECC building codes.

Let's say you get an alert of Excessive Outdoor Air. This is likely to be identified as a high-priority alert because it will result in excess energy use. Using the information on your dashboard and your remote connection, you can make adjustments to correct the problem, such as reviewing and adjusting the mixed air ratio threshold or ensuring that the minimum outdoor air position is correct. By reviewing the updated data and analytics, you'll know if the issue is solved or if you'll need to schedule an onsite visit.

## EXAMPLE 2: MECHANICAL

LCBS Connect analytics help you maximize energy savings and equipment life for your customers. Plus, the analytics are so sophisticated that you receive highly advanced mechanical alerts.

For instance, let's say you receive an Elevated Compressor Discharge Temperature alert, which could indicate a loss of efficiency and capacity. This can lead to energy waste and reduced comfort, and, if serious, could cause equipment damage and failure. LCBS Connect will indicate the severity of the alert, plus it gives you remote access to data covering the liquid and suction lines, refrigerant undercharge, evaporator flow and much more. You'll likely be able to diagnose and perhaps fix the issue remotely, and if an onsite visit is needed, you'll know the problem and parts needed in advance so you can get right to work.

## EXAMPLE 3: REMOTE ALERTING

It happens far too often: a customer accidentally changes a setting on the wall module and it costs time and money to visit the building to correct it. LCBS Connect analytics save you that unnecessary onsite visit.

Let's say a customer mistakenly shifts a thermostat from Auto to Heat. The building gets too hot in the afternoon and the customer calls you about the problem. You have to dispatch a truck just for a technician to discover the mistaken setting. With LCBS Connect, the analytics would sense the rising temperature and send you an alert. By logging in you can quickly see the mistaken setting, which you can then correct remotely. You've saved time and money, and the customer has never felt discomfort or known there was an issue. That's a true win-win.



Alerts save time and money