

Smarter Small Buildings

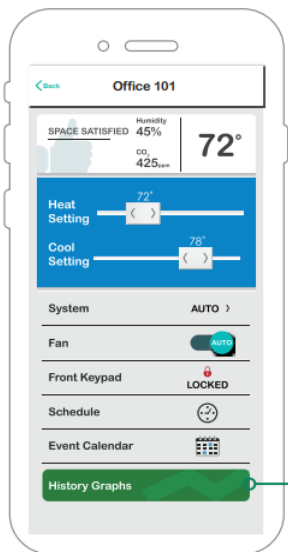
Do you own or operate buildings with packaged rooftop HVAC units?

Are you interested in reducing energy costs by 10-20%, reducing GHG emissions, and improving comfort, while also streamlining operations and maintenance?

Berkeley Lab, with support of the U.S. Department of Energy is offering **free technical assistance** and **recognition opportunities** for facility teams who install ready-now controls technology for their portfolio.



If you are interested in receiving technical assistance or want more information, contact SSBC-Controls@lbl.gov
We'd like to schedule a 30-minute call to see how we can help you.



Now is the Time to Focus on Small and Medium Building Controls

Small and medium buildings account for 94% of the buildings in the U.S. and less than 5% of buildings have a smart thermostat installed.¹

Controls and analytics for **large** commercial buildings have been proven to reveal hidden energy waste and offer a rapid return on investment².

Small buildings have historically been less of a focus in the controls market, leading to excessive energy use and comfort problems, but there is an increasing number of practical cost-effective technology options available for this emerging product category. Today, off the shelf controls technology can enable **savings of 10-20% on energy consumption**.

Stairway to Better Buildings

Grid interactive, efficient building control

- Requires additional commissioning (Cx) and monitoring effort
- Dynamic optimization, automated demand flexibility

Improved energy efficiency and air quality

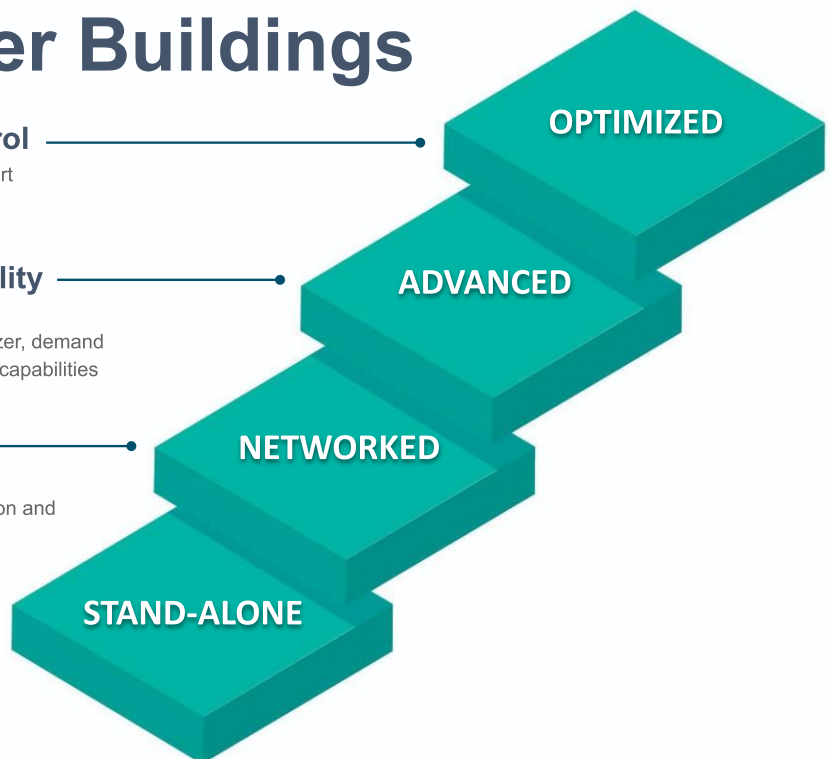
- Requires additional sensors, control hardware
- Advanced component control (variable speed fan, economizer, demand control ventilation) and fault-detection and diagnosis (FDD) capabilities

Reduced energy waste

- Requires communicating thermostats
- Remotely accessible, centralized data collection, visualization and monitoring

Status quo

- Programmable thermostats
- Scheduling, setpoint adjustment



¹CBECs

² <https://smartenergyanalytics.org/>