

# Commercial Solutions for Planetary Problems

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“By 2025, buildings will be the largest emitters of greenhouse gases on our planet.”

**Says the U.S. National Science and Technology Council. But we can change this.**

According to a recent report from the American Council for an Energy-Efficient Economy (ACEEE), commercial buildings represent 36 percent of all U.S. electricity use. Typically, more than 50 percent of that electricity use is from HVAC mechanical systems, and many of those systems are not properly sized for the space in which they are installed. Unlike the automobile industry, the commercial building industry is unregulated when it comes to energy efficiency. That is why it is up to property and facility managers to use their systems efficiently and not waste energy on equipment that is not performing properly.

PointGuard's Analytics Platform helps property managers do just that. We designed our Analytics Platform to provide relevant analytics to help you achieve real mechanical efficiency. We can provide useful insights on equipment health and energy usage, plus help extend the useful life of your mechanical assets. When a property manager understands their building's energy usage at the system-wide level, the proper actions can be taken to enhance efficiency. Using these tools will reduce the building's electricity usage more than 60 percent, lower operating costs and extend asset life while keeping tenants happy.

We have worked with a variety of property and asset managers to improve efficiencies in buildings ranging from 9,000 square feet all the way to nearly half million square feet. Our experience has taught us that automated monitoring is only part of the equation. Achieving efficiency goals also requires a knowledgeable team and intelligent analysis to identify issues and keep your building running as efficiently as possible; both benefiting your bottom line and the planet.

At PointGuard, our mission is to provide commercial solutions for planetary problems by improving the efficiency of the built environment. Decisions like maximizing your building's efficiency can significantly reduce carbon emissions and help create a sustainable society. If we all take small steps towards efficiency, we can make long strides as an industry to cutting back our impact on the environment.

