**Modernize Your Building with Control Systems Upgrades**

The world runs on data, and that includes buildings. A modern building control system upgrade boosts energy efficiency, cuts operational costs and helps to ensure ongoing occupant comfort, setting you on the path to achieving a smarter building. A smarter building also takes a big step forward in sustainability, helping you tackle decarbonization from all sides.

The reasons for upgrading your existing controls with a migration plan that makes sense for your building, business and budget are many:

* **Higher energy efficiency**

Run your HVAC system as much as you need and no more. Controls support optimal building performance.

* **Enhanced occupant comfort**

Avoid calls from occupants when spaces are too hot or too cold. Building automation can put more control in the hands of those in the building.

* **Increased security**

Cybersecurity requires an always-alert mindset. Modern controls are regularly reviewed and updated to protect your building assets.

* **Longer equipment life**

Advanced controls manage equipment operation for the highest efficiency with the lowest operating impact, saving wear and tear on mechanical components.

* **Greater sustainability**

Buildings that know better, do better. Understanding where your energy is being used (or possibly wasted) is the first step in making choices that can reduce your overall carbon impact.

**Q & A**

**Our HVAC controls are old, but they’re still working. Why fix what isn’t broken?**

Many buildings operate on legacy control systems every day—but doing so can mean compromising on the benefits modern controls can offer. New controls can help you increase your energy efficiency, boost your team’s productivity and enhance your cybersecurity. They also will allow you to take advantage of data-driven services that can even further amplify the savings.

Additionally, finding technicians familiar with older systems is getting tougher, which means support may not be available when you need it most. Newer systems can also increase cybersecurity efforts and maintain compliance as energy standards become more rigorous.

**We will be updating some of our HVAC equipment soon, but we’ll still have old units in place and won’t be able to get all new controls until our next budget cycle. How well will older controls and equipment work with newer controls and equipment?**

Phasing in your controls (and equipment) upgrades and sequencing your updates can help with a seamless transition.

For example, new HVAC equipment might be incompatible with outdated controls, so installing a new chiller, air handler or other unit could disrupt operations if it doesn’t integrate properly. Look for solutions that can accommodate both your new equipment and your old equipment that could otherwise be stranded.

**We can’t afford to overhaul our entire system. What now?**

You don’t have to do everything at once—starting small is an effective path forward. Assessing what you have and what improvements can be made progressively fund each step toward a smart building. With a plan supported by operational expenses, you can potentially avoid relying on capital expenses to fund your building automation upgrade.

**What financial resources might be available to help us pay for a building management system upgrade?**

Funding sources such as federal programs offer incentives that could pay for up to 40% of a project. Plus, local utilities frequently provide incentives for energy-saving improvements. With a plan supported by operational expenses, you could avoid relying on capital expenses to fund your HVAC controls upgrade.

**We’re under pressure to make our operations more sustainable. How can updating our legacy building controls help?**

Advanced HVAC controls and building automation enhance energy efficiency, helping to reduce a building’s indirect emissions. Advanced controls can also help improve refrigerant management by detecting and preventing losses and leaks, contributing to environmental protection.

Read the full article at: [Control System Upgrades | Trane Commercial HVAC](https://www.trane.com/commercial/north-america/us/en/products-systems/building-management---automation/control-system-upgrades.html)