# Leverage the Power of Controls

# **Controls Service** Maximizing Benefits, Minimizing Risk

With a Carrier Controls Service Agreement, you'll be able to access the full capabilities of your controls system and keep it running at optimal performance. The advantages are many:

### **Precise Energy Management**

- Valuable data to understand energy usage patterns
- Trending reports to facilitate system analysis, evaluation and effective action
- Equipment life assessment to assist with capital expenditure planning
- Detailed information to capitalize on conservation and cost containment opportunities

### **Cost Avoidance**

- Collection of data to leverage commodity purchases
- Avoid unexpected repair expense and costly downtime
- Maintain the overall integrity of your controls system
- Performance monitoring for proactive adjustments and fine-tuning

### **Comfort and Peace of Mind**

- Improved comfort levels when control loops are tuned
- Precise functioning of all controls components within original design tolerances
- Reliable control of temperature, humidity, ventilation and air distribution
- Detect problems before they become emergencies



### The Future of the World Depends on Our Ability...to Sustain it

As the world's leader in high technology heating, air-conditioning

and refrigeration solutions, we believe that market leadership requires environmental leadership. Carrier sets industry standards for environmentally sustainable business practices and a commitment to sustainability across its products, services and operations. We demonstrate this commitment by creating environmentally responsible solutions that consume less energy



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## **Controls Service**

An Integral Part of Successful Building Management



If you have Heating, Ventilation, Air Conditioning or Refrigeration (HVAC/R) equipment, then you have controls.

Whether those controls are machine-specific pneumatics or facility-wide state-of-the-art direct digital controls, they are critical to your operation.

Now, what if your controls system malfunctioned?

What would happen to your buildings if temperature, humidity, ventilation and air distribution were unregulated? If you couldn't access reports on equipment performance and energy consumption? Or worse, if non-functioning alerts and alarms failed to notify you of developing problems?

### The Value of Controls Service

Most building owners and managers don't realize they need to perform service on their controls systems. While less obvious than the need for mechanical maintenance, servicing controls is just as important to the overall operation of your equipment. And because the mechanical and electrical components were designed to work together, servicing your HVAC/R system in its entirety is the only way to ensure optimal performance and prevent serious problems.

With Carrier Controls Service, you'll have the security of knowing that our technical expertise is working to protect your facility year-round. You won't have to worry about all the controls functions that are so integral to successful building management. To support this, our Controls Service Agreements are flexibly designed to fit your specific building operation and management needs. Additionally, a wide range of options ensures that you get precisely what you need. Controls can be one of the most sophisticated aspects of your building's HVAC/R system. Keeping them tuned and calibrated requires specialized training and experience. A service partnership with Carrier puts our expert resources at your disposal.

#### **Carrier Controls Specialists**

Carrier's factory-trained specialists work exclusively on building controls. Their extensive knowledge and experience means your system will get the high level

of attention it needs to achieve the maximum performance benefits for you.

Our specialists make sure your controls are functioning reliably and utilizing the latest proven software.



Our custom training options allow you to increase your in-house expertise without the need to maintain a dedicated controls staff.

### Training

- Although some training is typically included when a controls system is installed, many people find they haven't absorbed or retained all of the information they were given.
- Basic "refresher" sessions can reacquaint you or your facilities' staff with system operation, making adjustments, reacting to alerts and alarms, and generating reports. These can also help orient new employees with your controls system.
- In-depth training sessions from Carrier's Controls Specialists will step you through the valuable data that controls systems can generate and teach you how to create custom management reports.

- We'll show you how to accurately project expenses, set rental rates, contain costs, increase profitability and proactively plan for future expansions.
- A Carrier Service Agreement makes it easy by giving you the option to purchase training in blocks of time according to your individual requirements. Use as many or as few sessions as you need.
- Training is available at the same time as periodic maintenance visits or, if you wish, scheduled at your convenience.

### **Controls Maintenance and Analysis**

- During periodic maintenance visits, our Controls Specialists will verify current operating parameters and make necessary adjustments to keep your system within its original design tolerances.
- They will notify you when there is a software upgrade available. With standardized troubleshooting and diagnostic skills, they can quickly detect problems, find root causes and implement solutions.
- By analyzing trend reports, our Specialists can give you a complete picture of your building, identify issues and suggest improvements that will enhance system performance and help reduce operating costs.
- They can also assist you with effective energy management strategies designed to help conserve power and maximize your equipment's capacity.



From pre-scheduled maintenance visits to emergency calls, Carrier will deliver the highest level of service and peace of mind 24/7/365.