



HVAC Service Solutions

# CARRIER PLANTCTRL™

Open plant management  
or advanced optimisation?  
You should not have to choose



# Carrier PlantCTRL an advanced control offering

## OPEN PLANT MANAGEMENT

A single partner for maximum peace of mind and for best performance options

### Improved reliability

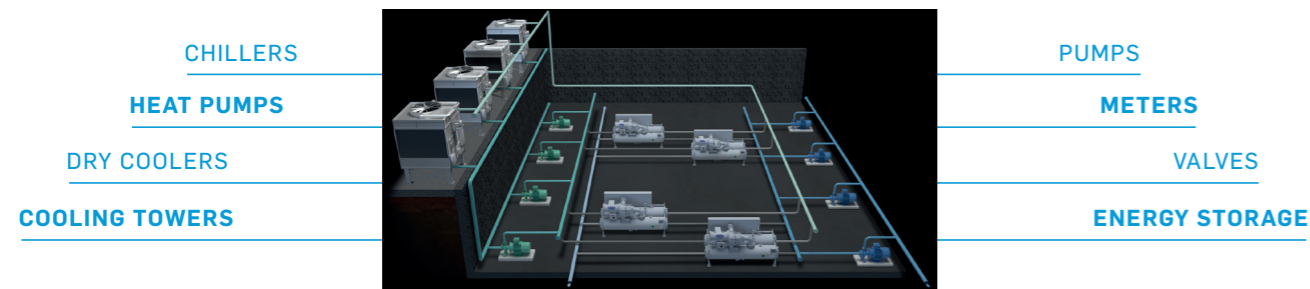
Carrier PlantCTRL maximizes the long-term durability of your plant while optimizing your operating costs. It rotates your equipment, ensuring consistent runtimes, and triggers back-up solutions as appropriate. The logic intelligence is supported by a proven library of standard application-specific algorithms, developed by the Carrier Control Team.

### Single accountability

Carrier PlantCTRL shares the same DNA as your equipment. Choosing Carrier for your control solution means you benefit from a single empowered partner for installation, set-up and maintenance - a partner that can leverage heating, ventilating and air conditioning (HVAC) and control expertise acquired through years of experience and one that allows you to focus on your core business, instead of spending unnecessary time coordinating several partners.

### Easy operation

Carrier PlantCTRL offers easy access to real-time and historical performance data. As an open protocol solution, it integrates into any Building Automation System. By piloting optimal operations at all times, Carrier PlantCTRL keeps maintenance costs under control and ensures an open, user-friendly interface.



Carrier PlantCTRL



## ADVANCED OPTIMISATION

Expertise in HVAC control and systems for high-operational efficiency management

### Operating savings

By automatically adjusting running periods whenever necessary, Carrier PlantCTRL enhances efficiency both at chiller and at plant levels. Carrier PlantCTRL selects the most appropriate equipment, coordinates interdependent equipment and adapts energy production to demand. This two-tier plant management scheme enables both energy and overall operating costs savings.

### Performance & Compliance

Carrier PlantCTRL measures energy load, equipment runtimes and other operational data. It manages load shedding, energy recovery and storage for optimal consumption. Choosing this solution will support Leadership in Energy and Environmental Design (LEED) and Building Research Establishment Environmental Assessment Method (BREEAM®) certifications, among other high performance building references.

### Easy set-up

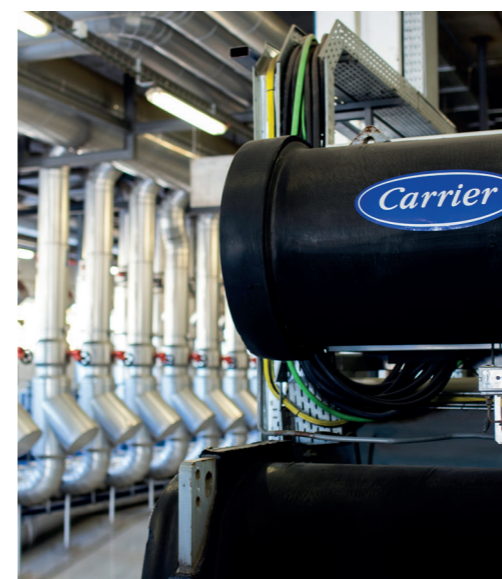
Carrier PlantCTRL works with most standard plant configurations. No gateway is required to interface Carrier equipment. It is a flexible, modular plug and play and customisable solution in case of highly specific configurations including non-Carrier equipment control. Through combined HVAC and control solutions, you reduce your overall installation costs.

# A tiered offering adapted to your needs

A range of offer for every application

Carrier PlantCTRL Solution			
	Master Slave	Carrier TruVu™ Plant Sequencer	Air Cooled or Water Cooled Plant Manager
Scope	<p>2 machines</p> <p>Basic sequencing</p>	<p>Up to 4 machines</p> <p>Chilled/Hot water production</p> <p>Smart sequencing</p> <p>Few hardwired ancillary equipment</p>	<p>Chilled/Hot water production</p> <p>Evaporator, condenser and distribution networks</p> <p>Smart sequencing</p> <p>Fully customizable</p>

## Solutions meeting everyone's expectations



**INSTALLERS**

- ✓ Performance & compliance
- ✓ Easy set-up
- ✓ Single accountability

**FACILITY MANAGER / END USERS**

- ✓ Improved reliability
- ✓ Easy operation
- ✓ Operating savings

# Carrier control solutions for high performance HVAC systems

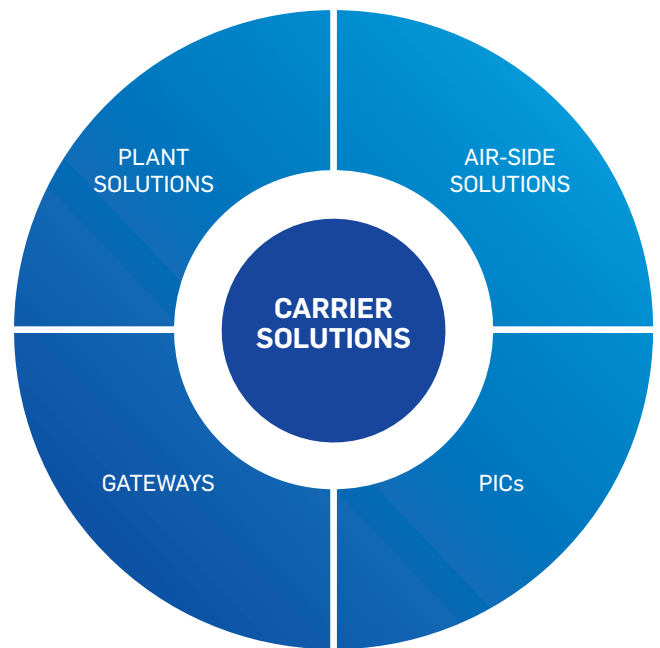
Carrier's extensive range of HVAC control solutions is tailored to meet the specific needs of each customer. Who better than Carrier can optimise your system operation?

## Scalable and flexible solutions

From product integrated control to one-of-a-kind building automation systems, Carrier offers its dual HVAC and control expertise to its customers. Product Integrated Controllers (PIC) host and execute specific algorithms to enable interaction with Carrier plant controllers. Its full range of gateways allows easy integration of standalone equipment or subsystems into third-party systems. Plant control solutions - from basic control functions to full plant room management - are specifically designed by Carrier experts to meet standard and highly specific requirements, addressing customers' complex energy, safety and security needs.

## Optimal costs and reliability

Carrier control solutions resolve the complex equation of having both low operating and energy costs. They sustain constant measured comfort for all occupants. They maintain peak performance functionality at all times, offsetting system and equipment failures.



## CARRIER SOLUTIONS

SERVICE TEAMS

CONTROL TEAMS

HVAC EQUIPMENT

## Expertise that makes the difference

With 100 years of experience working closely with its customers, Carrier has developed a unique expertise in manufacturing, designing and developing HVAC and control solutions. The company's entire service organisation is built around the customer, from its field engineer and service networks to its logistics functions and information systems.

Carrier delivers continuous innovation and dedicated service, ensuring that customer systems operate at best level during the whole lifecycle. Carrier designs sustainable, custom-engineered integrated solutions to meet customers' expectations, now and in the future. Carrier expert engineers are present at the earliest stages of building and urban design, to contribute to the future of smart buildings and cities.



[www.carrier.com/commercial/en/uk/](http://www.carrier.com/commercial/en/uk/)

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