

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 AdvanTE³C experts to meet standard and highly specific requirements, addressing customers' complex energy, safety and security needs.

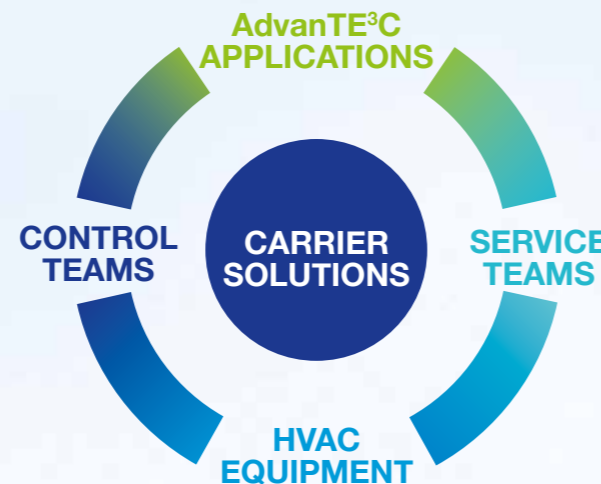
■ Optimal costs and reliability

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.



■ 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. UTC Building & Industrial Systems AdvanTE³C Solutions Center designs sustainable, custom-engineered integrated solutions to meet customers' expectations, now and in the future. AdvanTE³C 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

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DESIGNING INNOVATIVE SOLUTIONS

United Technologies

HVAC SERVICE SOLUTIONS

OPEN PLANT MANAGEMENT OR ADVANCED OPTIMIZATION ?

CARRIER PLANTCTRL,
BECAUSE YOU SHOULD NOT HAVE TO CHOOSE.

Carrier[®] PlantCTRL[™]
Control solutions

Carrier PlantCTRL

an advanced control offering

OPEN PLANT MANAGEMENT

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

■ Improved reliability

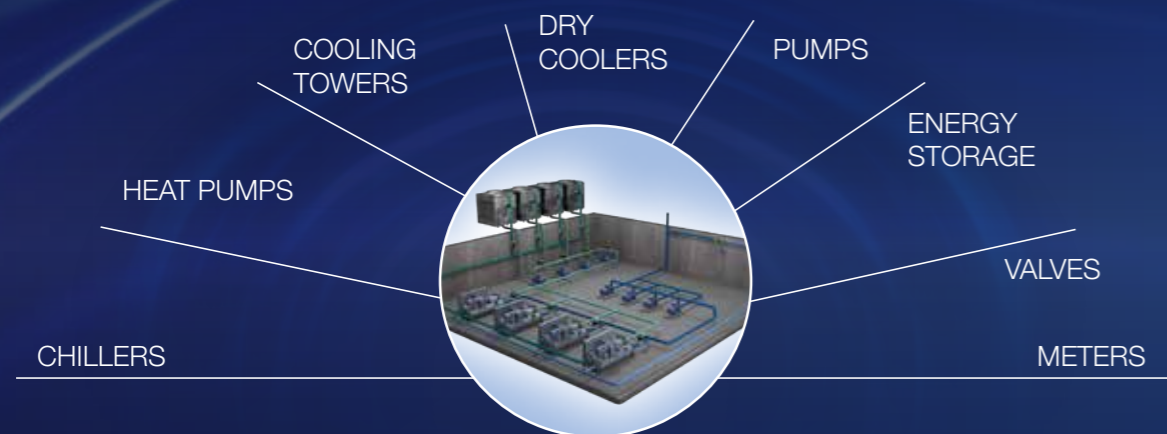
Carrier PlantCTRL maximizes the long-term durability of your plant while optimizing your operating costs. It rotates your equipment, ensuring consistent runtimes, and triggers back-up solutions as appropriate. The logic intelligence is supported by a proven library of standard application-specific algorithms, developed by AdvanTE³C, the Carrier group of engineers for expertise in sustainable building solutions.

■ 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 OPTIMIZATION

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

AIR-COOLED SEQUENCER	AIR-COOLED PLANT MANAGER	WATER-COOLED PLANT MANAGER
Chiller & Heat pumps	Chilled/Hot water production & Distribution	Chilled/Hot water production & Distribution & Condensing circuit
Sequencing	Sequencing & Control	Sequencing & Control

Solutions meeting everyone's expectations

