

# Liebert® iCOM™-S Service Bundle



Bundled Service Offering - Includes iCOM-S System Hardware, Installation and Configuration, and Annual Service

## Overview

Thermal Management in today's complex data centers is no longer just about ensuring uptime. While that continuity is critically important, companies that get thermal management right, are able to drive costs out of the business and create sustainable operations for market differentiation.

Getting it right means having a way to consistently monitor and manage data center cooling systems. With easy access to actionable data via a user-friendly interface, operators can optimize performance, ensuring efficiency. Liebert iCOM-S from Vertiv is the software solution that enables this.

The Liebert® iCOM™-S Service Bundle is a solution that groups together the equipment, installation, and annual service to deploy iCOM-S into a data center. Targeted to sites with 3-20 cooling units, the Service Bundle allows the cost of the solution to be spread out over a 3-year or 5-year contract.

### Benefits

- Simplified ordering, with all of the equipments and services under one SKU
- Up to 40% thermal energy reduction via advanced control algorithms
- Accelerated return on investment that is approximately one year for typical installations
- The most up-to-date firmware installed during an annual PM for the duration of the contract
- Increased access to data for better data integrity and system visibility

## All for One, One for All

Optimize a single cooling unit with an intelligent control and good things happen. Integrate multiple cooling units into an intelligent system, all working toward one goal, and even better things happen. Such as a 40% reduction in energy consumption. And when they're controllable from one pane of glass? Data center managers get the comprehensive thermal management tools they need to meet the high expectations being placed on their environments.

The Liebert® iCOM™-S offers thermal management optimization at both the unit and system levels, with easy-to-use interfaces that give data center managers the insight needed to maximize performance.

## Liebert iCOM-S Service Bundle

With installation and configuration from a Vertiv™ certified technician, you can be sure your system will be installed correctly and set up to operate at optimal efficiency.

The annual PM included in the bundle will provide an opportunity for a Vertiv technician to check the system and ensure peak operation, including updating the firmware on the iCOM-S to the latest revision so you are able to benefit from the enhancements we are continually developing.

With a 3-year or 5-year contract, you are able to spread the cost of the iCOM-S Service Bundle out over the length of the contract. With friendly payment terms, this allows for an annual return on investment of less than 12 months for typical installations.

With a Parts and Labor warranty for the duration of the contract, you can be secure in knowing your investment will be up and running so you can realize all the benefits and efficiency gains of the iCOM™-S system.

With the available points mapping from the iCOM-S, integration with 3rd party BMS systems is simplified, reducing the amount of time required and improving visibility and data integrity.

## Optimized Aisle (Teamwork Mode 3)

With the iCOM-S installed, you are able to utilize the benefits of Optimized Aisle (Teamwork Mode 3) control. Optimized Aisle control allows the cooling capacity (Supply Sensor) to operate as a local control by removing only the amount of load required to maintain the discharge air temperature at each unit. This allows for an unbalanced room load while maintaining a consistent discharge air temperature. The fan speed is controlled by the remote rack sensors of all units, providing a controlled delivery method of the air to the cold aisle. In raised floor applications, Liebert® iCOM™ units will share sensor information to achieve even under-floor air distribution. This distribution is achieved by operating all fans in parallel, which will also yield the greatest energy efficiency.

## Equipment Included

The iCOM™-S Service Bundle includes all of the hardware required specific to the customers data center.

- iCOM™-S Small Form Factor / Wall Mount (1)
- Wireless Gateway (1)
- Wireless Sensor(s) / Wireless Sensor Extended Battery Pack
  - Sites with 3-10 Cooling Units will receive 8 sensors per cooling unit
  - Sites with 11-20 Cooling Units will receive 10 sensors per cooling unit
- iCOM™-S BMS License / Wireless Sensor License / Commissioning and Reporting License

## Installation and Configuration

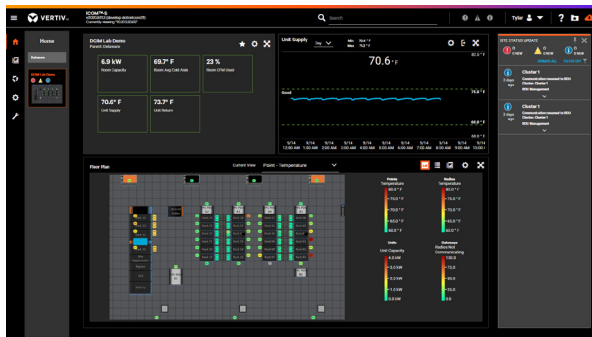
Installation of the iCOM-S Small Form Factor, the Wireless Gateway, and the Wireless Sensors will be performed by a factory trained technician, ensuring the equipment is installed correctly and configured to operate at optimal efficiency. This also includes support setting up the iCOM-S graphics and set points during the installation process, as well as BMS integration. The graphical display of the iCOM-S will also be configured based on the layout of the customers data center.

## Annual Service

Included with the iCOM-S Service Bundle is an annual PM visit. During this visit, the iCOM-S and wireless gateway will receive an update to the latest version of the firmware. The network of wireless sensors will be checked to ensure all sensors are operational and transmitting data according to their setup. The technician will also support the customer with any changes that need to be made to the iCOM-S, or questions they have on the system.

## Parts and Labor Warranty

Included with the bundle is a parts and labor warranty which covers the iCOM-S Small Form Factor, the Wireless Gateway, and the Wireless Sensors. This warranty is good for the duration of the service bundle contract.



Software



Vertiv™ 1U Form Factor



Gateway



Cooling Units



Wireless Sensors

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