# CORIS®

# INTERNET-CONTROLLED THERMOSTAT

## LOW COST, AUTOMATED, REMOTE THERMOSTAT CONTROL

## Temperature Control, Scheduling, Tracking, and Alerts

In an age of ever-rising HVAC costs, controlling temperatures in commercial, industrial, educational, and government facilities is increasingly important. CORIS' Internet-Controlled Thermostat (ICT) saves customers energy and money by enabling them to control and monitor temperatures in their facilities over the Internet.



ENCRYPTED MESH NETWORK

GATEWAY

INTERNET CONNECTION

INTERNET

CORIS SECURE SERVERS

OR
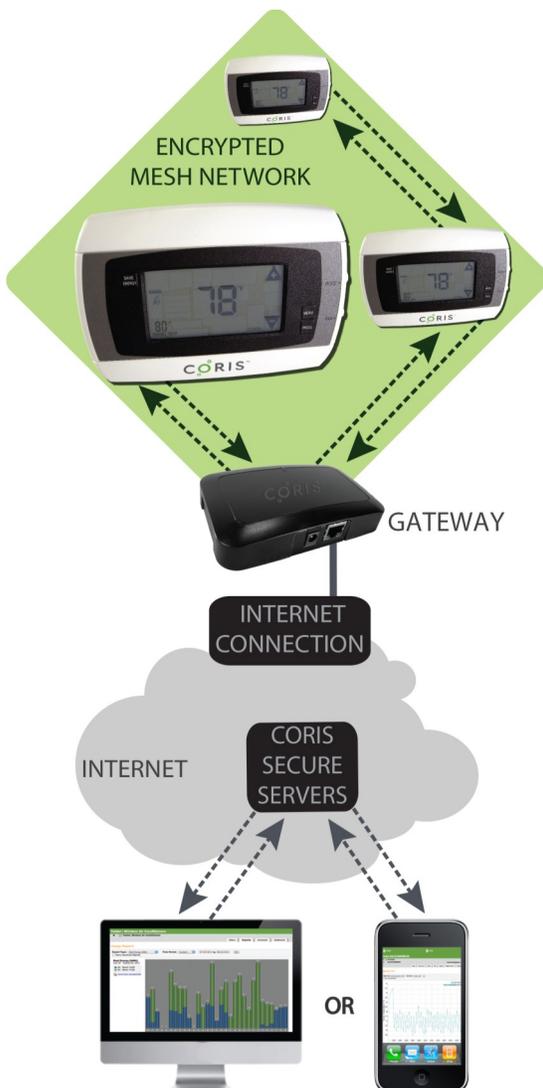
## HOW IT WORKS

Simply replace your current thermostat with CORIS' ICT using the existing wires. The ICT is a fully-functional thermostat that has the ability to receive settings and scheduling information from CORIS' Secure Servers (which also track and log the current settings and temperature). Communication between the ICT and the Servers is established automatically through the wireless mesh network created by CORIS' Gateway Module.

## CORIS Gateway Module

Connect the Gateway Module via Ethernet cable to a router, and it automatically connects to CORIS' Servers on the Internet. One Gateway can communicate with as many as 40 CORIS devices.

## CORIS Secure Servers

The Servers communicate with the ICTs and store the actual and scheduled temperature data. The Servers deliver real-time and logged temperature information and alerts.

## Real-Time Control & Monitoring

Any Internet-enabled computer or mobile device can be used to monitor temperatures, alter thermostat settings, and change schedules stored on CORIS' Servers.

### EASY-TO-INSTALL

- Direct replacement of current thermostats using existing wires
- Compatible with virtually all HVAC systems, including heat pumps
- No wireless setup required—ICTs automatically connect with the CORIS Gateway Module

### SIMPLE-TO-USE

- Web browser access to all status information and thermostat controls
- Set numerous thermostat schedules individually or by groups—even in different locations
- Review graphs and download data of actual and scheduled temperatures

### IMMEDIATE COST CONTROL

- Track and/or limit local interaction with thermostat settings
- Fix problems early with benefit of email and text message alerts triggered by extreme temperatures or HVAC underperformance
- Rapid ROI (typically 1-2 years) from saved energy costs

## ENDLESS POSSIBILITIES…HERE ARE A FEW

**Opportunity** | An office building complex wants to reduce heating and cooling costs.

**Solution** | Install CORIS ICTs in all offices, set target temperatures remotely, establish energy-efficient schedules for nights and weekends—saving energy and money. Set thermostat override to one hour so that tenants can change local thermostats, but the pre-defined schedule will be restored after one hour.

**Opportunity** | A large school district is forced to close at least one school for repairs each year due to damage from frozen pipes.

**Solution** | CORIS' Servers send low temperature alerts, informing maintenance staff of the problems with enough time to take action and prevent the pipes from freezing.

**Opportunity** | A quick-serve restaurant owner wants to regulate temperature settings at 115 locations.

**Solution** | With ICTs installed in all locations, the owner can establish heating and cooling targets while allowing the flexibility for temporary employee overrides to accommodate local conditions.

**Opportunity** | Students in a college dormitory forget to turn down the heat when leaving their rooms for vacation.

**Solution** | All dormitory ICTs are set at energy-saving temperatures by the college when it is not in session.

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**The owners of a multi-building office complex could easily save more than $200,000 every year in heating and air conditioning costs through simple remote temperature control.**

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## IDEAL USES

- Offices
- Retail Stores
- Classrooms
- Dormitories
- Hotel Rooms
- Hospital Rooms
- Resorts
- Restaurants
- Condos

Patented technology.
All CORIS technology is manufactured in the U.S.A.

## MORE FEATURES, MORE SAVINGS

CORIS ICTs may be accessed from any web browser (PC, tablet, smart phone, etc.). The web-based user interface provides:

Real-time monitoring of current and target temperatures

Remote control of a group of thermostats using the same target temperatures and schedules

Ability to "setback" the target temperature to energy-saving levels at night

Ability to schedule an unlimited number of temperature targets per day or week

Ability to accept local and remote overrides and set override time limits

Tracking of actual vs. target temperatures for analytical use

Alerts for temperatures above or below defined limits

Single web page summary with easy drill-down capabilities

Ability to graph historical data from ICTs for quick, intuitive look at HVAC performance

## CORIS®

The CORIS Internet-Controlled Thermostat is an important component in CORIS' Energy Control System of money and energy saving products.
To find out more, please visit our website or contact us directly:

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