

Advanced BMS Integration Solution with the intelligent Touch Manager™ 2+

DCM014A51 - iTM BACnet® Server Gateway Option

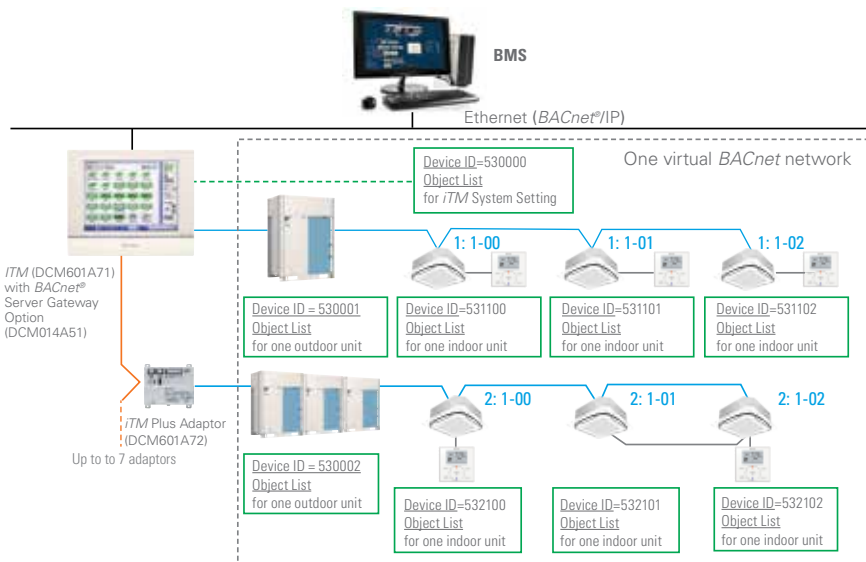
The intelligent Touch Manager™ is capable of serving as a *BACnet* interface for Building Management System (BMS) integration. With the *iTM BACnet* Server Gateway Option (DCM014A51), the *iTM* provides BMS integrators with the ability to monitor and/or control the *VRV* indoor and outdoor units, eliminating the need for an additional hardware interface. Moreover, with the

latest software update to the *iTM* 2+ (v2.07), the *iTM* is able to serve as a service tool to access indoor and outdoor unit operation data. With the *iTM BACnet* Server Gateway Option, the operation data points for both the IDU (indoor unit) and ODU (outdoor unit) are also available to the BMS through *BACnet*.

Features

- » Additional service data points are now available*:
 - 6 new IDU service data points
 - 9 new common ODU service data points and 22 new service data points for each ODU module
- » Direct connection on *iTM* using the *BACnet*/IP Protocol
- » **BACnet virtual router** function implemented:
 - **Individual BACnet device ID** assigned to each indoor unit group address and each outdoor unit
 - Indoor unit group names created in the *iTM* are visible on the BMS
- » Easy commissioning using CSV file
 - Available objects can be configured for each indoor unit
- » Supports Change of Value (COV) notifications to the BMS
- » Configurable as a *BACnet* foreign device if a BBMD exist on a different subnet within a *BACnet* network
- » **Independent heating and cooling setpoints** for occupied and unoccupied periods
- » Individual min/max **Setpoint Range Limitation** for heat and cool modes
- » The *iTM*'s **auto changeover, setpoint range limitation, setback, dual setpoint** logic and **schedule** can be accessed by the BMS
- » Up to 128 Device IDs (including both indoor units and outdoor units) and up to 4000 *BACnet* objects can be monitored and controlled by BMS.
 - When the IDU/ODU operation data is enabled a total of 128 devices and 4000 *BACnet* points are available
- » Up to 7 *iTM* Plus Adapters can be connected to an *iTM* for a total of 8 DIII-Net ports

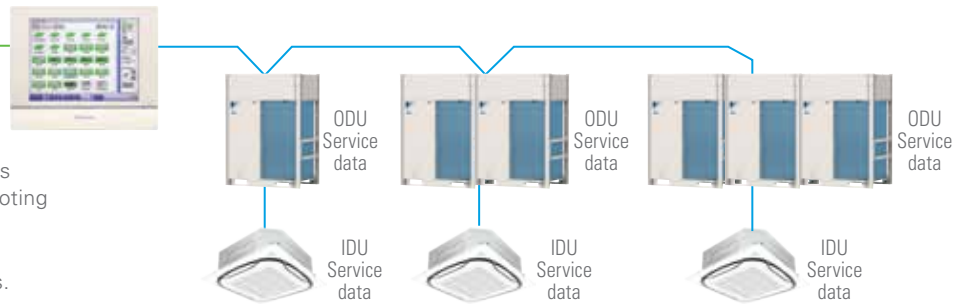
* supported outdoor unit model only



Powerful Service Tool with Indoor and Outdoor Unit Operation Data Points



- » When a problem occurs, the BMS integrators and Service Technicians can start troubleshooting immediately before going to the site.
 - » Indoor and outdoor operation data trending* by BMS can benefit the V/RV service process.
- *BMS programming needed



Enhanced BMS Integration Solution for Indoor Unit Operation



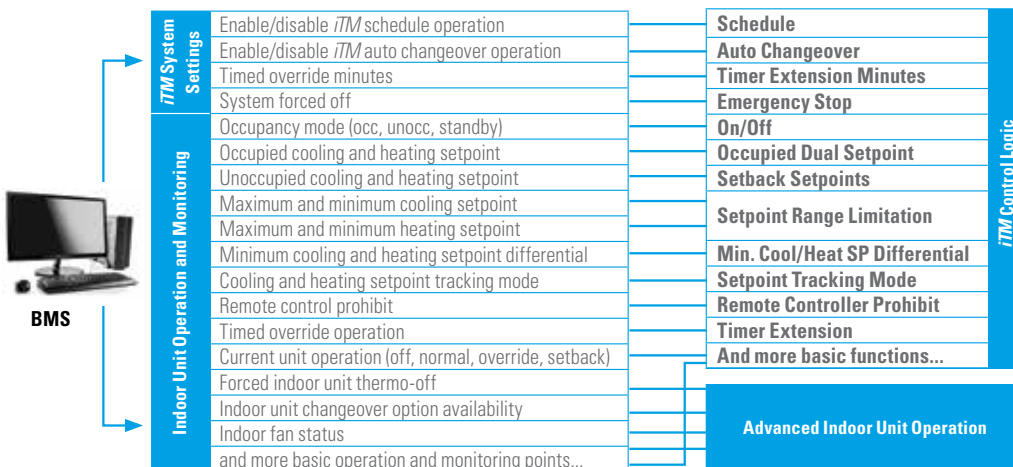
Individual Device instance number for each indoor unit (Configurable)

Device ID (1:1-00) = 531100 Device ID (1:1-01) = 531101

Object instance number repeated for every indoor unit point

Occupancy Mode = MO 1 (All indoor units)
Unit On Off Status = BI 2 (All indoor units)

Advanced iTM BACnet Server Gateway Points



How to Acquire

- » The iTM BACnet® Server Gateway option is a software license that needs to be purchased.
- » The iTM requires version 2.07 or later and a software license key to activate the BACnet Server Gateway software

Find out more about BACnet Server Gateway Option.

Contact your local Sales Representative, visit Daikin City or www.daikinac.com

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