

BACnet Gateway Release Note O.S. ver 3.0

November 15, 2002
DAIKIN Industries, Ltd.

COV – Change Of Value

The previous version of BACnet Gateway did not support COV reporting function, therefore the BMS needed to regularly read properties of the objects. This was done approx every 30 seconds. With the new O.S. when the BMS subscribes COV of specific properties of the object to BACnet Gateway, the COV notifications are sent to the BMS by changes of value.

Property Array Index (reading of properties of the objects)

This is used for only the specific properties of the objects that use Property Array included in the device object. The reason why this is sometimes required is so that registration of objects can be done automatically and manual input is not necessary.

The “Object_List” of the device can be read automatically with this index therefore greatly reducing engineering time of programming the indoor units into the BMS.

Segmented Requests

Is the function, which transmits separately two or more packets, when number of data exceeds one packet size.

In the case where there are a large number of indoor units the response is in the “read property request” and the return data is segmented.