

# How to setup the Samsung network for Intesis® control

The purpose of this guide is to assist you on the setup for the correct commissioning of the Samsung NASA VRF systems to be integrated with the centralized Intesis gateways into KNX, BACnet and Modbus. This document is to be used in conjunction with the installation and user manuals for each model, together with the assistance of your Samsung provider.

ORDER CODE	LEGACY ORDER CODE
INKNXSAM004O000	SM-ACN-KNX-4
INKNXSAM008O000	SM-ACN-KNX-8
INKNXSAM016O000	SM-ACN-KNX-16
INKNXSAM064O000	SM-ACN-KNX-64
INMBSSAM004O000	SM-ACN-MBS-4
INMBSSAM008O000	SM-ACN-MBS-8
-	SM-ACN-MBS-32*
INMBSSAM064O000	SM-ACN-MBS-64
INMBSSAM016O000	-
INBACSAM004O000	SM-ACN-BAC-4
INBACSAM008O000	SM-ACN-BAC-8
-	SM-ACN-BAC-32*
INBACSAM064O000	SM-ACN-BAC-64
INBACSAM016O000	-

\*Legacy product

## 1. General Commissioning Steps

To be able to communicate successfully with the SAMSUNG AC network you need to:

- 1.1. Check connectors in your specific gateway and respect polarity.
- 1.2. Set the indoor units to accept 'central control'.
- 1.3. Set the Outdoor and indoor units in manual addressing.

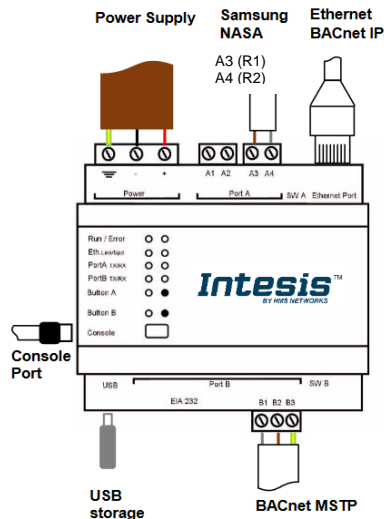
## 2. Detail Steps

Details on how to do this are on the manuals the steps on the different versions of the gateways, but basically:

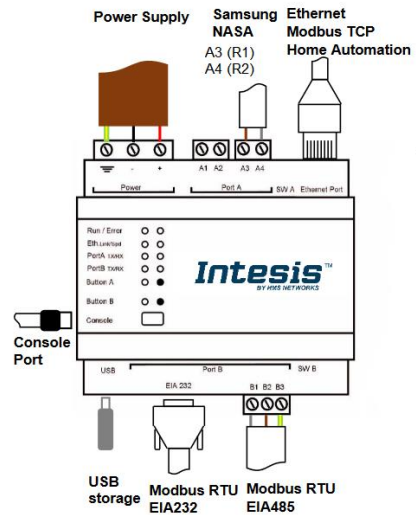
### 2.1. Gateway connection

Connect the Samsung NASA bus to connectors according to your gateway installation instructions, Respect polarity.

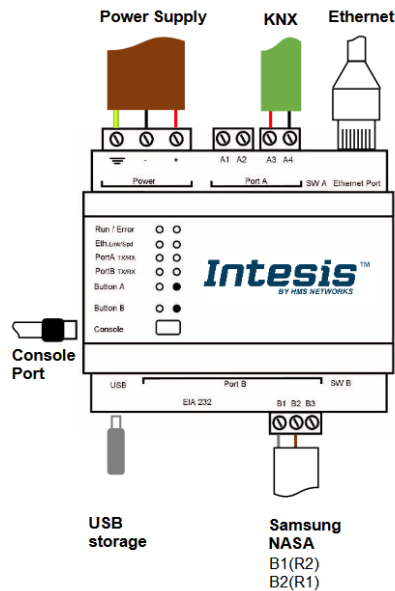
See the following diagrams for guidance



INBACSAM\*\*\*O000  
Samsung NASA to BACnet Server gateway



INMBSSAM\*\*\*O000  
Samsung NASA to Modbus Slave or to Home Automation systems gateway



INKNXSAM\*\*\*O000  
Samsung NASA to KNX gateway

**2.2. Set central control in Samsung Nasa**

Samsung NASA **indoor units** need to be configured to **accept 'central control'**. To do so, they need to be configured with so-called 'installation option code' in which segment 5 of this code needs to be set to value '1' to allow central control.

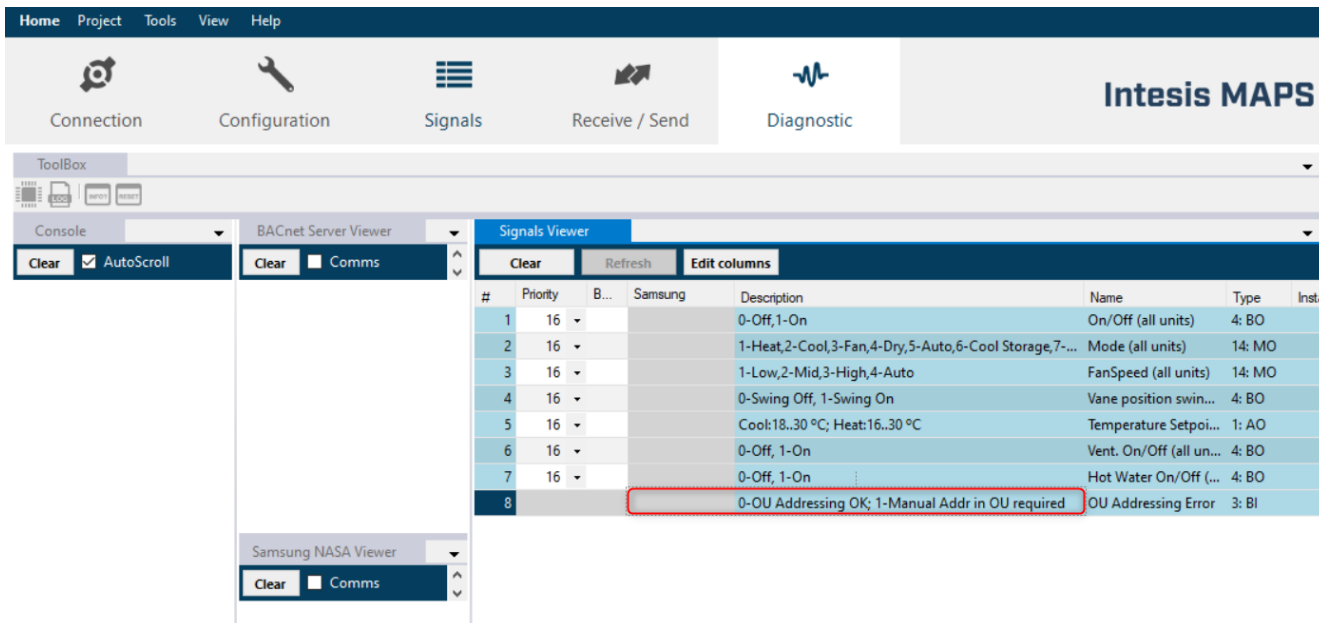
**2.3. OU & IU Manual addressing**

Samsung NASA AC network allows for both automatic and manual addressing. **Manual addressing of both indoor and outdoor units** must be setup by Samsung installer in order that Intesis communicates properly. Manual addressing is setup by means of DIP switches in outdoor unit and using the remote controller or DIP switches in the indoor unit.

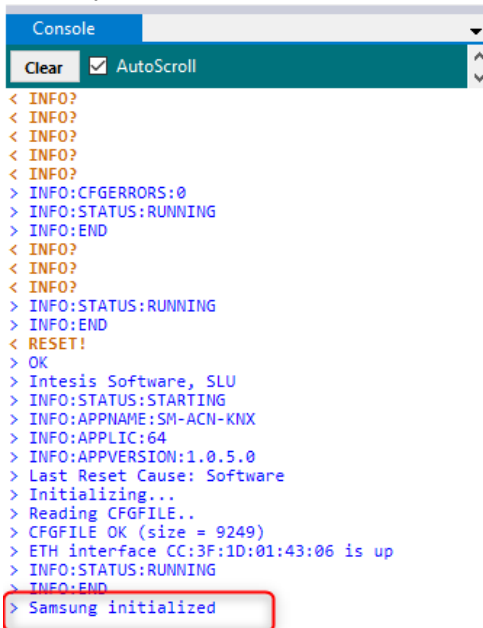
Please contact your Samsung installer or consult annex 1 for guidance.

### 3. How to check if my system is configured right

To check this on site while connected to the Gateway look at signal on Maps, inside the diagnostics tab for the addressing error circle in red below. As per the description would be 0 if is already done and 1 if is still in auto addressing (by default).



If manual addressing is successfully configured, you should see on the console a Samsung initialized when the device boots up, this make take 5-10 minutes.



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