

UCx – Digital Gateway Set Relocation

Two different methods can be used to identify Nortel digital phones to the UC^x Server system:

1. Unique hardware IDs of the digital phones
2. Port numbers to which the digital phones are connected

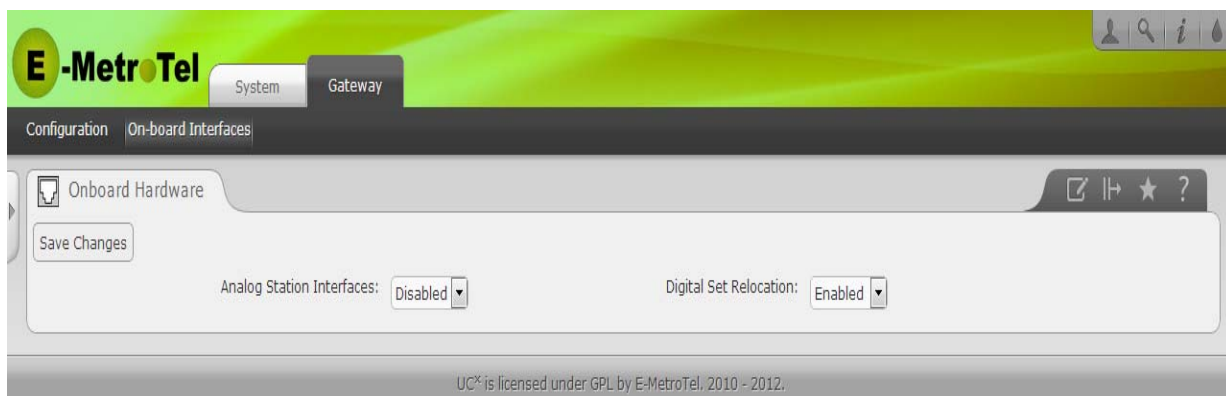
On Norstar and BCM, this configurable option is referred to as **Set Relocation**. To keep the naming consistent with the Norstar/BCM, the same name is used for the BCM based UC^x products.

When the **Set Relocation** option is enabled, each Nortel digital phone is identified by its unique hardware ID. When you move the digital phone to another location (when you connect it to another port on the BCM system), the phone retains its identity and gets the same extension number it had before (i.e., the extension is moved with the phone).

When the **Set Relocation** option is disabled, each Nortel digital phone is identified by the port number to which it is connected. When you replace a Nortel digital phone connected to a specific port with another phone, the new phone gets the extension that was used by the previous phone (i.e., the extension is tied to the port).

To configure the **Set Relocation** option, perform the following steps:

1. [Open the UC^x Digital Gateway Web-based Configuration Utility](#)
2. From the **Digital Gateway** tab, select **On-board Interfaces**
3. Open the **Digital Set Relocation** drop-down list box, select the desired state (Enabled or Disabled) and press the **Save Changes** button to update the system configuration.



You may change the **Set Relocation** option while digital sets are active without impacting their operation. The UC^x Server system automatically updates the configuration database with the changed identifiers. This feature can be used to your advantage during the initial deployment when you want to have **Set Relocation** enabled on your system. You can start with **Set Relocation** option set to Disabled, configure all devices based on the port numbers, connect all digital phones and once they are all active, change the **Set Relocation** option to Enabled. The UC^xServer will automatically convert port number based identifiers to the unique hardware IDs of all the active Nortel digital sets.

Identification of Nortel Digital Phones when Set Relocation is Disabled

When the **Set Relocation** is disabled, Nortel digital phones are identified by an ID that is created by combining the port number with the system ID of your BCM system (the port number in hexadecimal is used in place of the first two digits of your system ID, the remaining 10 digits of the system ID are used without changes).

For example, if your BCM system ID is **001122334455**, the digital phones on the system would use the following IDs:

	Main Chassis	Expansion Chassis 1	Expansion Chassis 2
Port Number	Digital Phone ID	Digital Phone ID	Digital Phone ID
1	01:11:22:33:44:55	0D:11:22:33:44:55	2D:11:22:33:44:55
2	02:11:22:33:44:55	0E:11:22:33:44:55	2E:11:22:33:44:55
3	03:11:22:33:44:55	0F:11:22:33:44:55	2F:11:22:33:44:55
4	04:11:22:33:44:55	10:11:22:33:44:55	30:11:22:33:44:55
5	05:11:22:33:44:55	11:11:22:33:44:55	31:11:22:33:44:55
6	06:11:22:33:44:55	12:11:22:33:44:55	32:11:22:33:44:55
7	07:11:22:33:44:55	13:11:22:33:44:55	33:11:22:33:44:55
8	08:11:22:33:44:55	14:11:22:33:44:55	34:11:22:33:44:55
9	09:11:22:33:44:55	15:11:22:33:44:55	35:11:22:33:44:55
10	0A:11:22:33:44:55	16:11:22:33:44:55	36:11:22:33:44:55
11	0B:11:22:33:44:55	17:11:22:33:44:55	37:11:22:33:44:55
12	0C:11:22:33:44:55	18:11:22:33:44:55	38:11:22:33:44:55
13		19:11:22:33:44:55	39:11:22:33:44:55
14		1A:11:22:33:44:55	3A:11:22:33:44:55
15		1B:11:22:33:44:55	3B:11:22:33:44:55
16		1C:11:22:33:44:55	3C:11:22:33:44:55
17		1D:11:22:33:44:55	3D:11:22:33:44:55
18		1E:11:22:33:44:55	3E:11:22:33:44:55

	Main Chassis	Expansion Chassis 1	Expansion Chassis 2
19		1F:11:22:33:44:55	3F:11:22:33:44:55
20		20:11:22:33:44:55	40:11:22:33:44:55
21		21:11:22:33:44:55	41:11:22:33:44:55
22		22:11:22:33:44:55	42:11:22:33:44:55
23		23:11:22:33:44:55	43:11:22:33:44:55
24		24:11:22:33:44:55	44:11:22:33:44:55
25		25:11:22:33:44:55	45:11:22:33:44:55
26		26:11:22:33:44:55	46:11:22:33:44:55
27		27:11:22:33:44:55	47:11:22:33:44:55
28		28:11:22:33:44:55	48:11:22:33:44:55
29		29:11:22:33:44:55	49:11:22:33:44:55
30		2A:11:22:33:44:55	4A:11:22:33:44:55
31		2B:11:22:33:44:55	4B:11:22:33:44:55
32		2C:11:22:33:44:55	4C:11:22:33:44:55