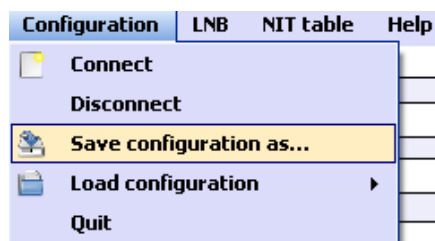


HOW TO GENERATE AND SEND THE NIT TABLE OF AN INSTALLATION USING THE ASP SOFTWARE

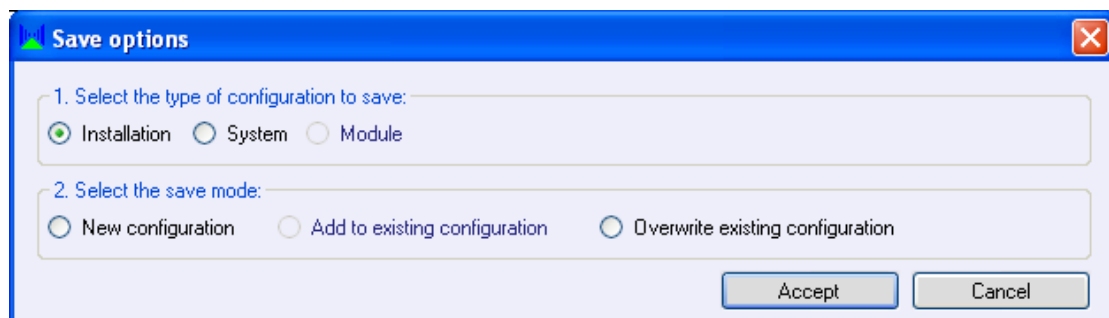
To generate and send the NIT table of an installation which has been programmed, connect the equipment to your PC using the IP-001 and run the ASP (Alcad System Programmer) software. Then follow the instructions shown below.

1. SAVING THE CONFIGURATION OF THE SETS OF EQUIPMENT

In the **Configuration Menu**, select the option **Save configuration as...**



The **Save Options** window will open automatically:



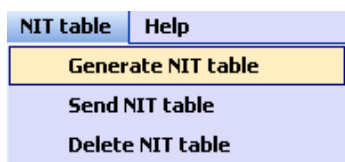
First select the type of configuration that you want to save. If it is a **New Configuration**, save the file in a folder on your PC, giving it the name you choose. An .XML file containing the configuration of your installation will be generated automatically.

If, on the other hand, you wish to include in the installation equipment that has not previously been saved, select **Add to existing configuration** and press Accept. Then select the .XML configuration file you want to update including the new equipment.

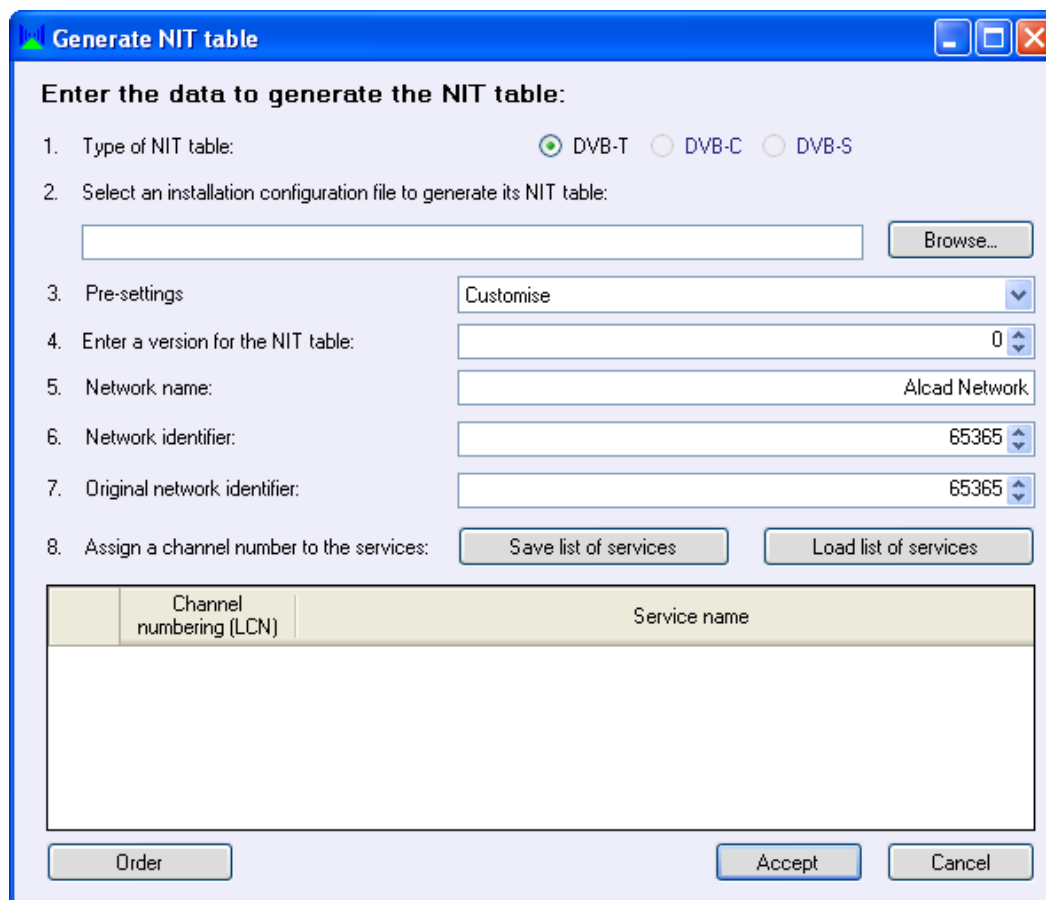
If you wish to replace an existing configuration with a new one, select **Overwrite existing configuration**. This will automatically delete all the configuration that has been saved up to that point and will generate a new one with the data being uploaded.

2. GENERATING THE NIT TABLE OF THE INSTALLATION

When the configuration of the installation has been saved, its NIT Table must be generated. To do this, go to the **NIT Table** menu and select **Generate NIT Table**.



The window which immediately appears allows you to generate the NIT table:



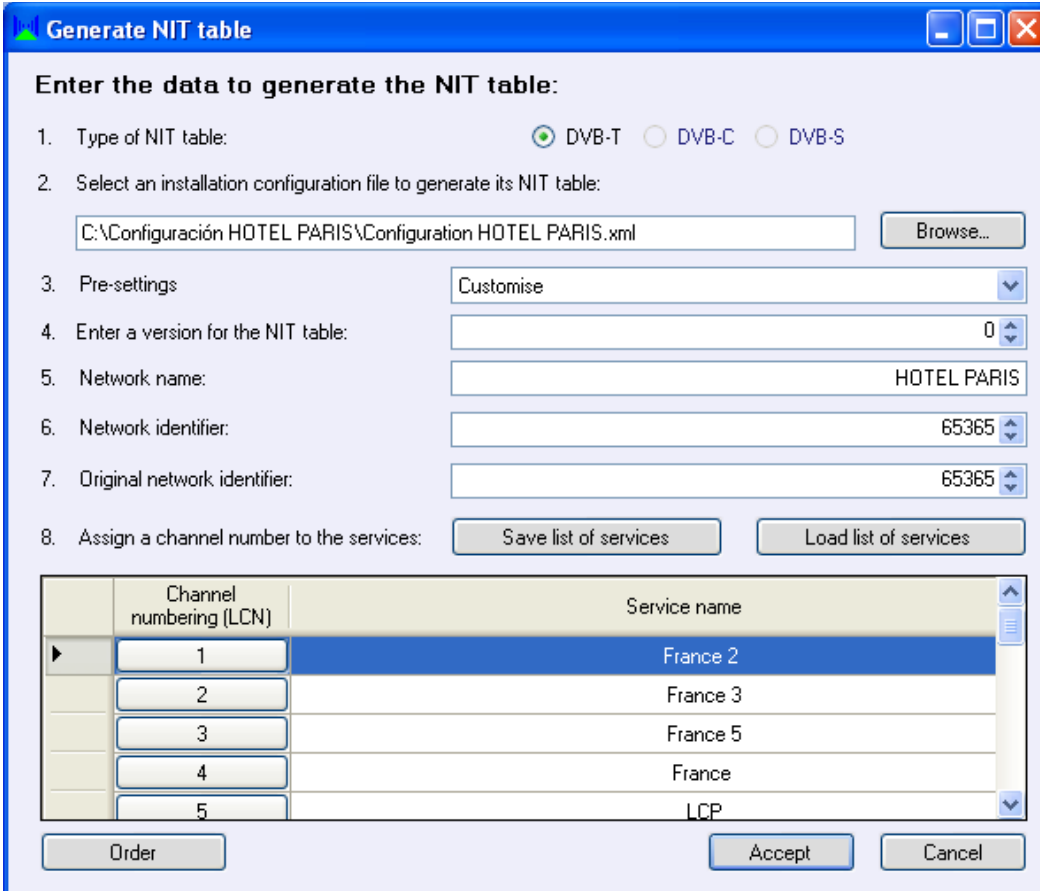
Generate NIT table

Enter the data to generate the NIT table:

- Type of NIT table: DVB-T DVB-C DVB-S
- Select an installation configuration file to generate its NIT table:
- Pre-settings:
- Enter a version for the NIT table:
- Network name:
- Network identifier:
- Original network identifier:
- Assign a channel number to the services:

Channel numbering (LCN)	Service name

Select the .XML file which you have previously saved on your PC with the configuration of the installation for which you wish to generate the NIT table. Then enter the required values in each field.



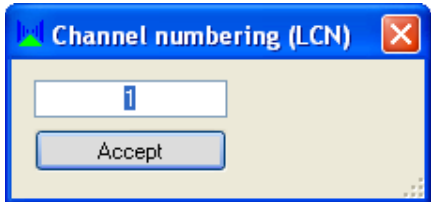
Generate NIT table

Enter the data to generate the NIT table:

- Type of NIT table: DVB-T DVB-C DVB-S
- Select an installation configuration file to generate its NIT table:
- Pre-settings:
- Enter a version for the NIT table:
- Network name:
- Network identifier:
- Original network identifier:
- Assign a channel number to the services:

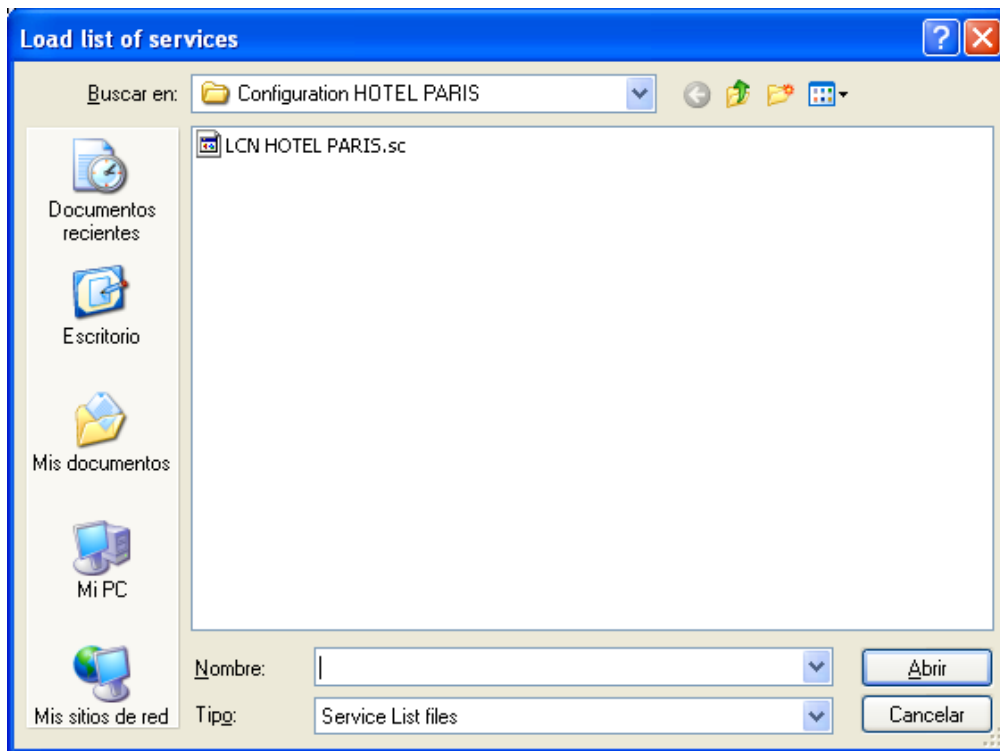
Channel numbering (LCN)	Service name
<input type="text" value="1"/>	France 2
<input type="text" value="2"/>	France 3
<input type="text" value="3"/>	France 5
<input type="text" value="4"/>	France
<input type="text" value="5"/>	LCP

When the .XML file has been selected, the list of services of the installation will appear at the bottom of the screen. The channel numbering (LCN) is used to assign a number to each service so that all the services are ordered in the same way throughout the installation. To change a number initially assigned by the ASP, click on the button of the number you want to change and enter the desired value.

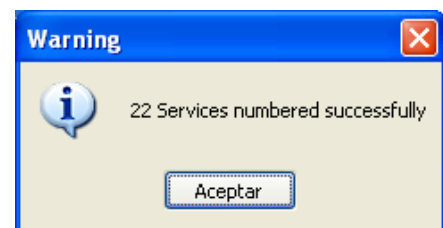


Channel numbering (LCN)

Once the LCN has been selected for the whole installation, you can save the numbering using the **Save the list of services** option. An .SC file will be generated so that that same numbering can be assigned in other installations.



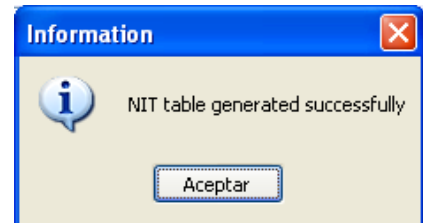
If you already have a channel numbering saved on your PC and want to upload it, click on the option Upload list of services. Select the .SC file with which you wish to order the list of services in your installation. If everything functions correctly, the ASP will notify you that the services are numbered correctly.



The list of services will then appear in the correct order, i.e. in the order indicated in the selected file.

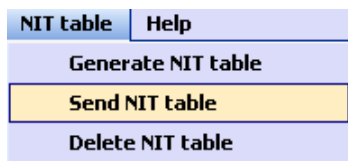
	Channel numbering (LCN)	Service name
▶	1	TF1
	2	France 2
	3	France 3
	4	CANAL +
	5	France 5

After verifying that the channel numbering and all parameters are as required, click OK. An .NIT file will be generated; this file should be saved to a folder on your PC. On the screen will appear a message informing you that the table has been created successfully.

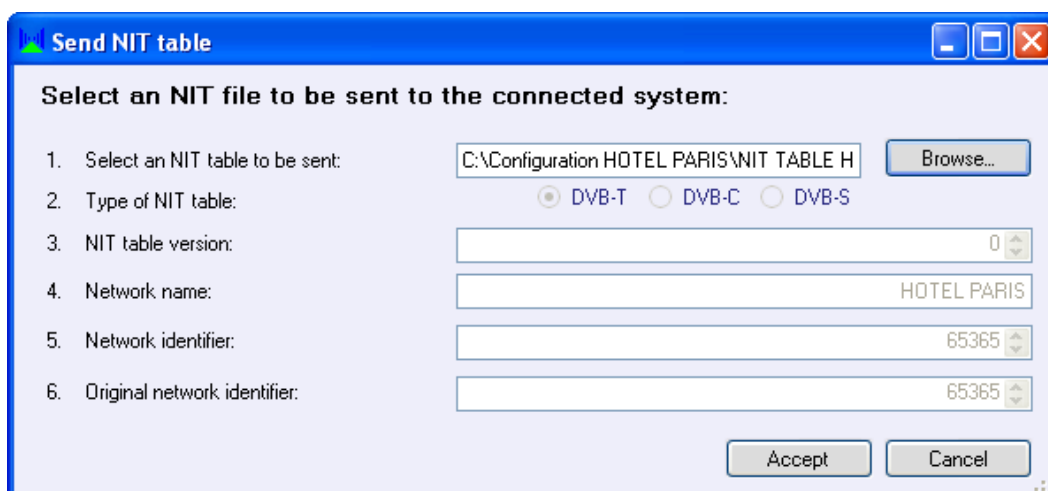


3. SENDING THE NIT TABLE TO THE EQUIPMENT OF THE INSTALLATION

The final step will be to send the NIT table, which has been generated and saved to the folder mentioned above, to all the modules forming the different sets of equipment of the installation. To do this, go to the **NIT Table** menu and select **Send NIT Table**.



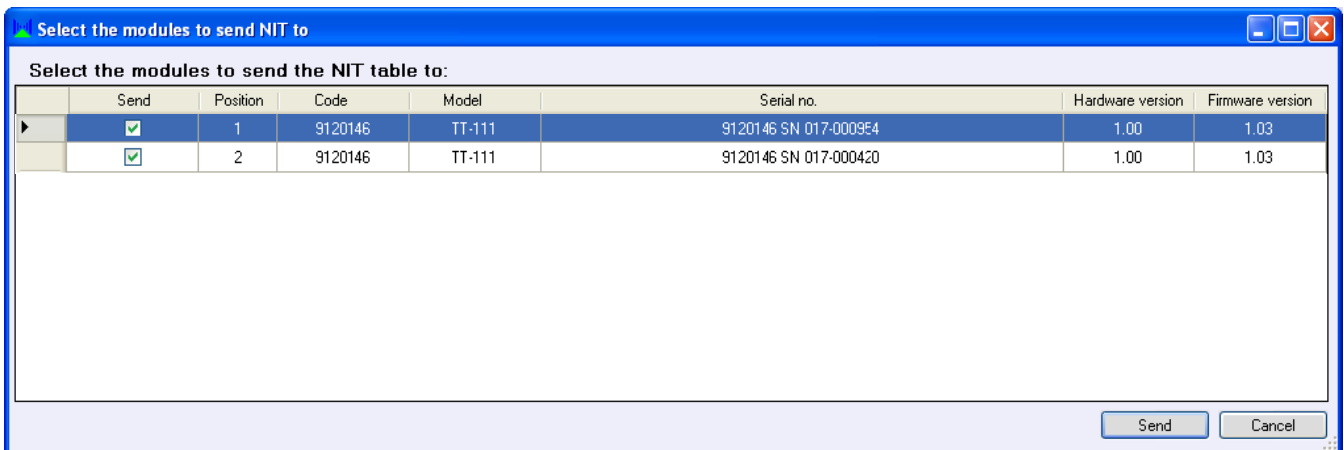
The **Send NIT Table** window will open immediately. To select the NIT table you wish to send, click on **Browse...** and find the .NIT file you have previously generated.



Make sure that the version, the network number and the identifiers are the same as those of the NIT table which you have previously generated. Then press **Accept**.

A list of modules connected to the PC will appear. In the **Send** column, mark all the modules to which you wish to send the NIT table. By default, all connected modules are selected.

If an installation consists of several sets of equipment, only one set can be connected at a time. This means that you will have to repeat this step for each set of equipment in the installation. For example, if in an installation there are two sets of equipment, each with a power supply unit and four modules, you will have to send the NIT table first to one of the groups of four modules, then repeat the action (step 3) with the other set of equipment in the installation.



If all is well, the ASP will show a message on the screen informing you that the NIT table has been sent successfully to all the modules concerned.

