



iCall MSPC / ASPC

iCall
Full IP nurse call

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Intended use

Use this product only for the purpose it was designed for; refer to the data sheet and user documentation for details. For the latest product information, contact IndigoCare Europe or IndigoCare USA.

This guide is a working and supporting tool for certified engineers for installing and maintaining iCall installations.

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1. General purpose

This document describes the implementation, programming and testing of the iCall Master Station (MSPC) and the iCall Auxiliary Nurse Station (ASPC) . The MSPC/ASPC is a combination of hardware and software, a touch screen PC with a software that gives an overview of pending nurse calls in an iCall network.

The software for both PC's is the same, the license determines witch functions are available in the software.

The iCall Master Station is one of the foundation blocks of the iCall call system and features a 19" full-colour P-Cap touch screen for easy use by rest home or hospital personnel. This unit is equipped with ethernet, microphone, speakers, handset and more. This makes the device ideal for VOIP communication and a useful overview of active calls, in addition, of course, to the standard functioning call system.

The iCall Auxiliary Nurse Station features a 10" full-colour true flat resistive touch screen for easy use by rest home or hospital personnel. This unit is equipped with Ethernet and gives a useful overview of active calls.

Order information

SWUSTE0100 - iCall Master Station (MSPC)

SWUSTE0200 - iCall Auxiliary Nurse Station (ASPC)

2. ASPC/MSPC



The main screen consists of a 3 parts: A header showing current date and time on the left and the current DN setting on the right. In the middle section the pending calls are shown, or date and time will be displayed when there are no pending calls. At the bottom you find the icons that allows you to change your preferences and settings. The icons can be hidden or set to idle with a password protected activation using the MSPC Manager.

2.1. [Header](#)

Press and hold 3 seconds on the time to minimize the program.
Press and hold 3 seconds on the DN setting to close the program.

2.2. [Middle section](#)

Only calls of the selected DN setting will be displayed in this section.
When no calls are displayed, the date and time are shown. To change the date and time format, change the date and time format of the Windows OS.

2.3. [Icons](#)

The availability of the icons depends on the license.
The icons can be hidden or set to idle with a password protected activation using the MSPC Manager.



Change from calls panel to floorplan



Change from floorplan to calls panel



Change the DN setting



Change settings



Open the telephone panel



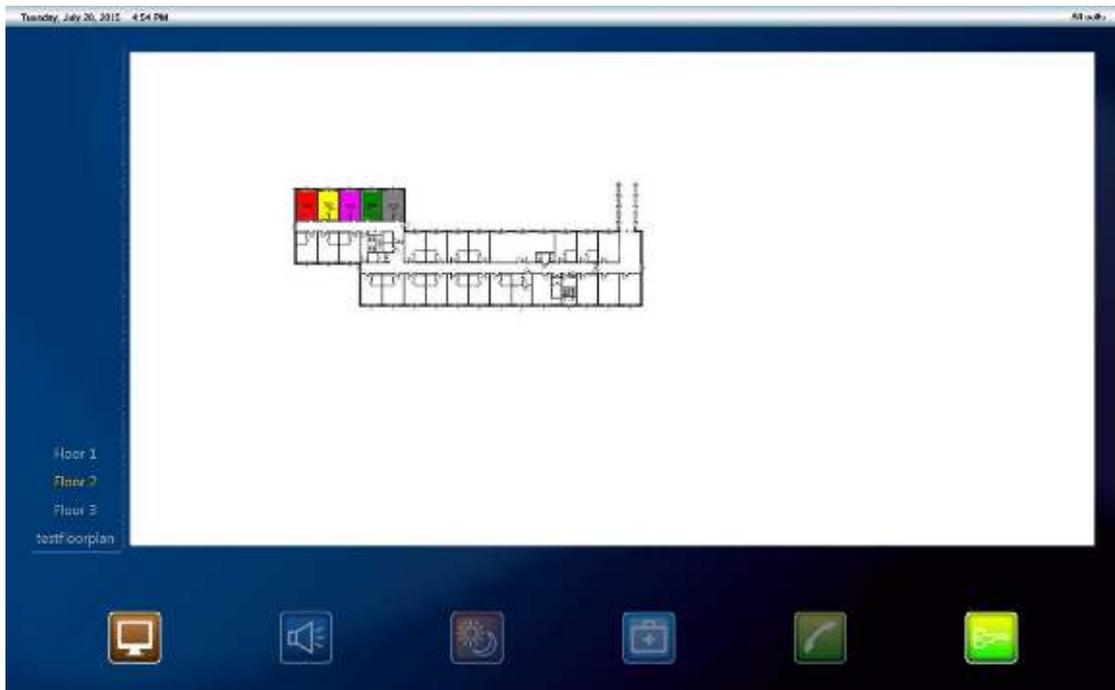
Enable/disable the buzzer

2.3.1. Calls panel

A real-time overview of nurse calls sorted by level of importance.

2.3.2. Floorplan

Floorplans can be made in the iCall Floorplanner and can be integrated in the ASPC/MSPC software. Nurse calls will be highlighted in their respective color.

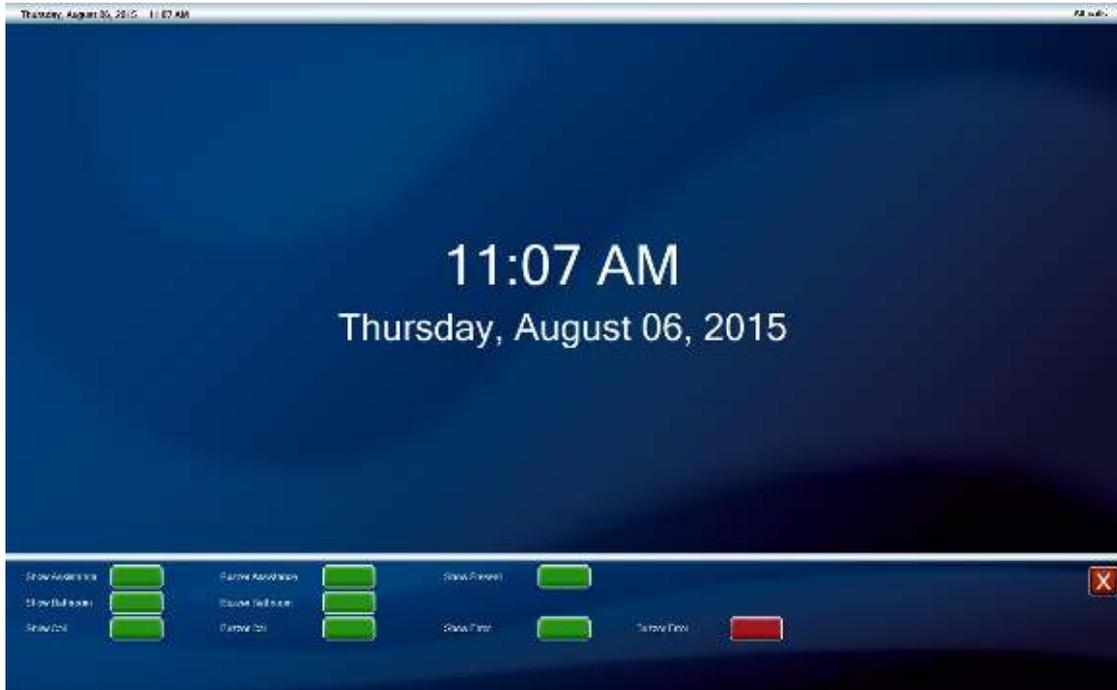


2.3.3. DN Setting

Day/Night settings are designed to achieve a time based switch of actively monitored locations. During the normal functioning of the iCall MSPC/ASPC an overview is visible of all open calls. This list can be filtered by type, but also by location. It is, for example, possible to only see calls from location **Ground FL** during the day, and during the night all calls from locations **Ground FL**, **1st FL** and **2nd FL**. This switch can also be done manually by pressing the DN Setting icon.

2.3.4. Settings

It is possible to filter out certain types of calls from the call lists, so that for example attendances are never seen on the list. This can be done by clicking on the Settings icon. A page will then appear where you can make an independent selection for every type of call whether or not to display or hide. You can also select per type of call whether the buzzer should be enabled.



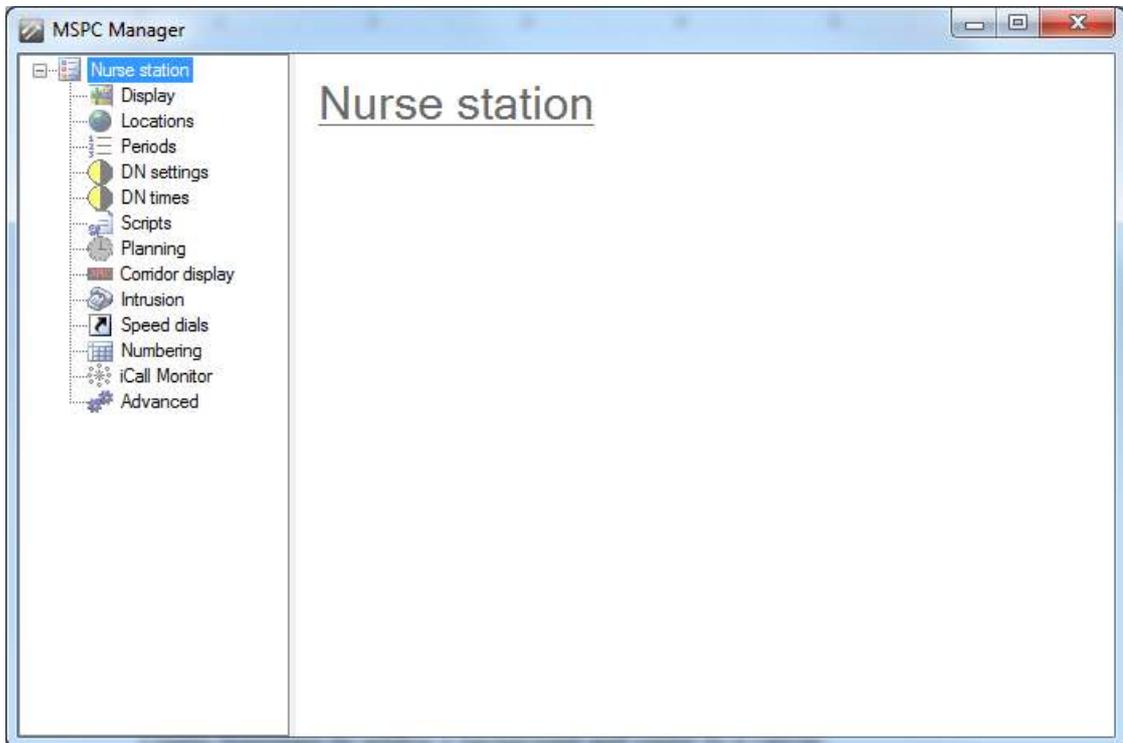
2.3.5. Telephone

Phone calls can be made in the telephone application across the network to other registered SIP devices. Furthermore the volume can be modified and the microphone muted. Also 4 speed dials are available.

2.3.6. Buzzer

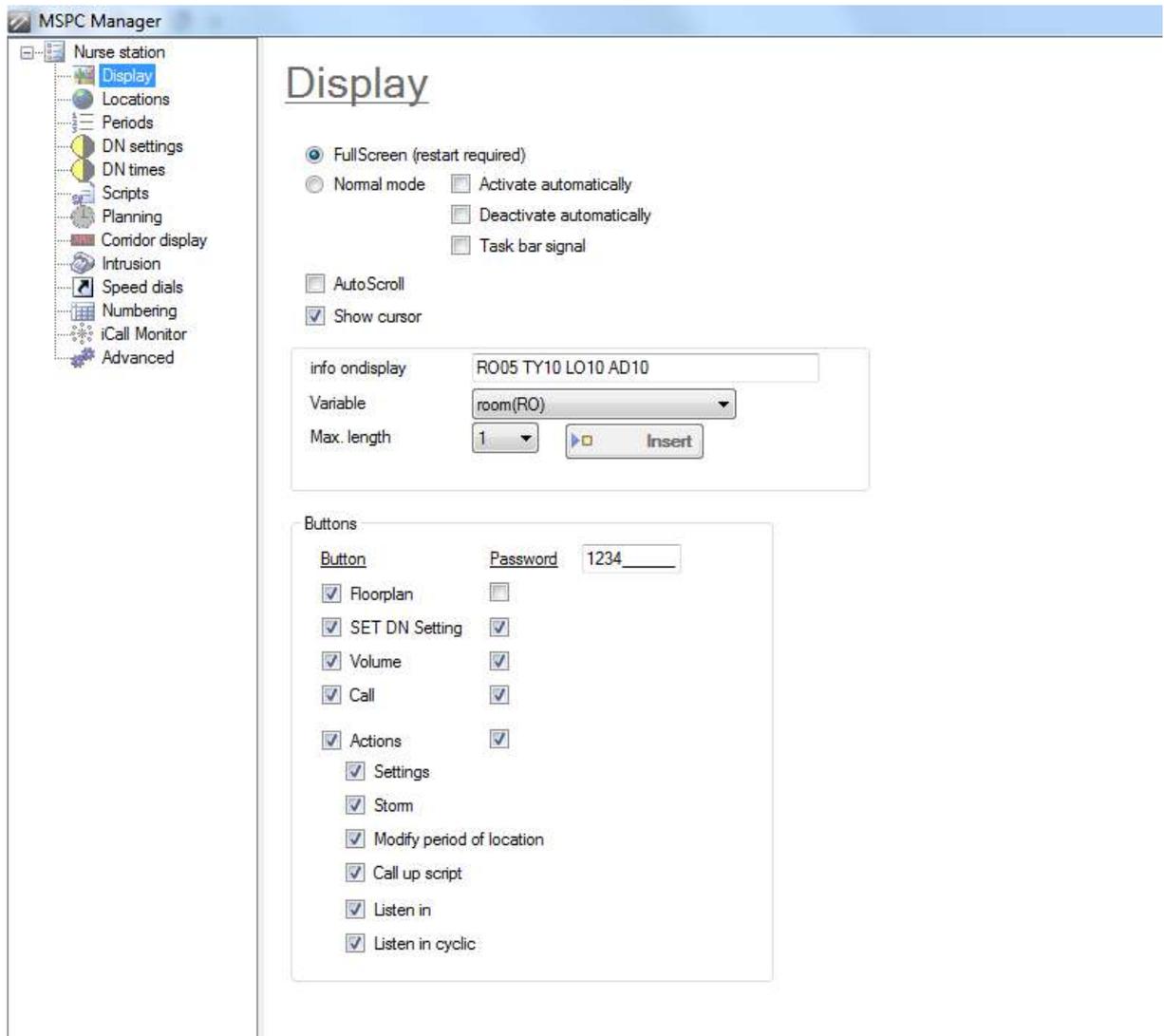
Temporarily enable/disable the buzzer.

3. MSPC Manager



The MSPC manager is the configuration tool for the ASPC/MSPC.

3.1. Display



In the Display info page you can change some visual aspects of the application.

Also you can choose which type of info from the iCall calling system you want to see in the overview page. For example it is possible to set it up in such a way that you see 5 characters from the room number and then 15 of the location.

The following options are available:

- Room (RO)
- Type (TY)
- Addition (AD)
- Location (LO)
- Nurse (NU)

Place the cursor in the desired text box, select the variable and number of characters then press insert. The correct code for this will then be automatically added to the existing current configuration. Press Save to save.

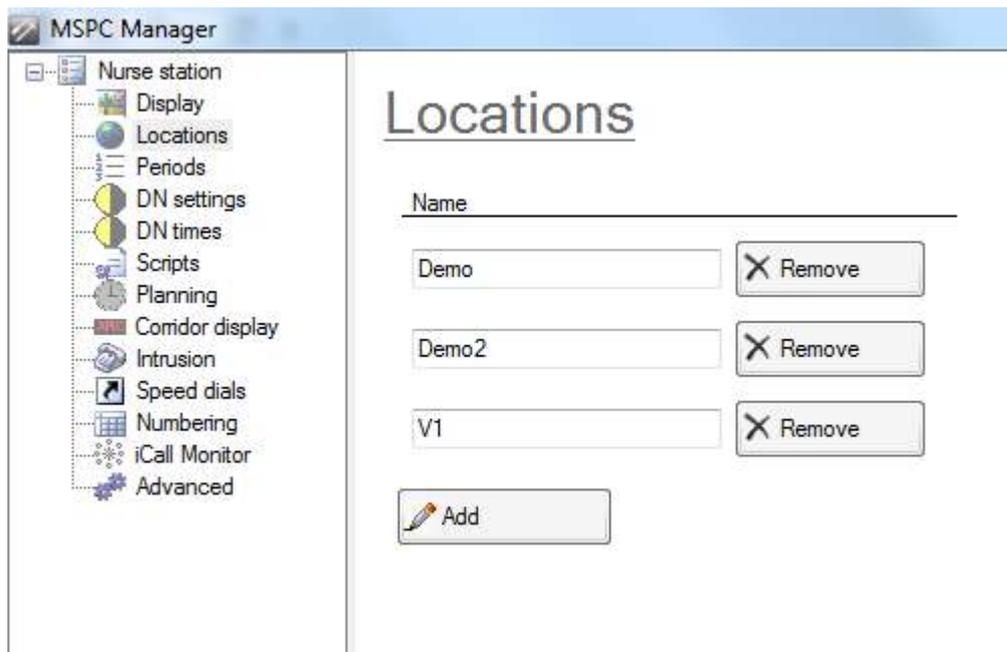
The icons in the main windows of the MSPC/ASPC software can be hidden or set password protected.

3.2. [Locations](#)

This section covers the PeriodSelector functions of the iCall MSPC/ASPC.

The periods for specific locations can be switched using the PeriodSelector function.

On this page you can assign the various locations present in the building names.

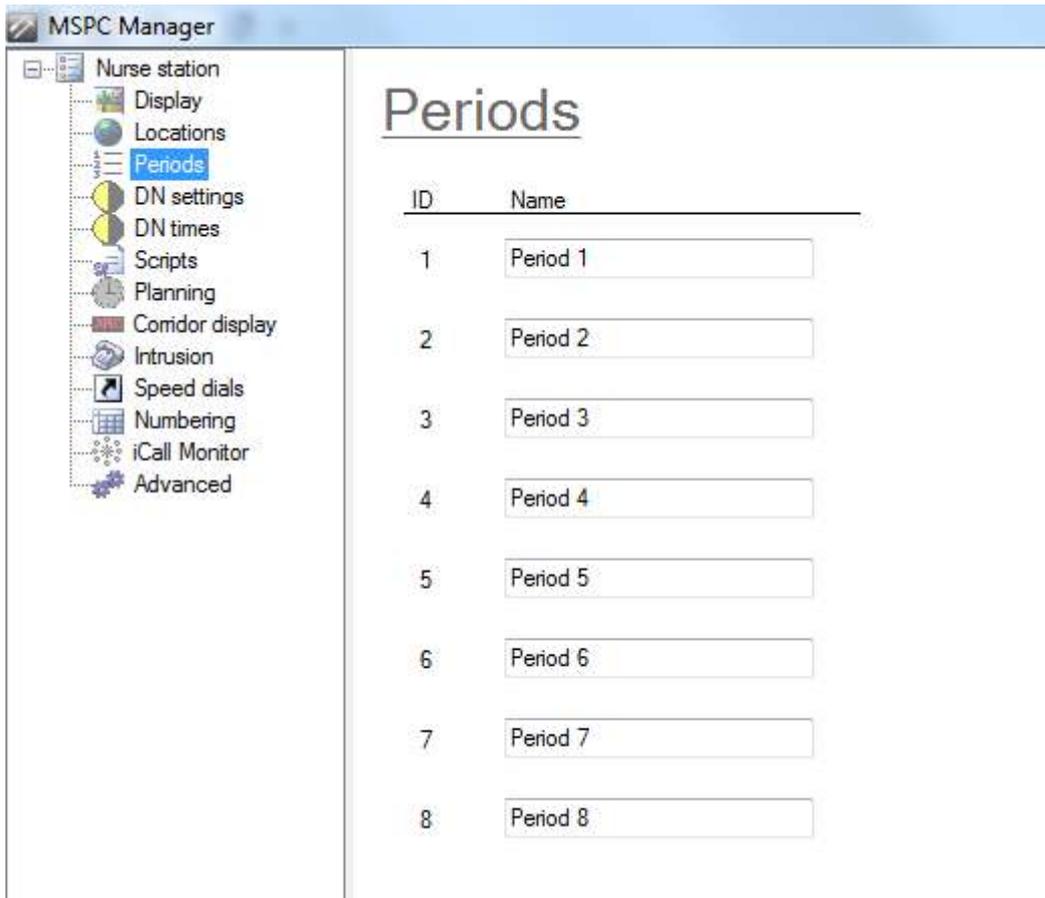


3.3. [Periods](#)

On the page titled Periods the various periods to be used can be set. A period is a specific time when specific settings are required. An example could be a rest home with 5 different work schedules: morning, day, night, weekend 1 and weekend 2.

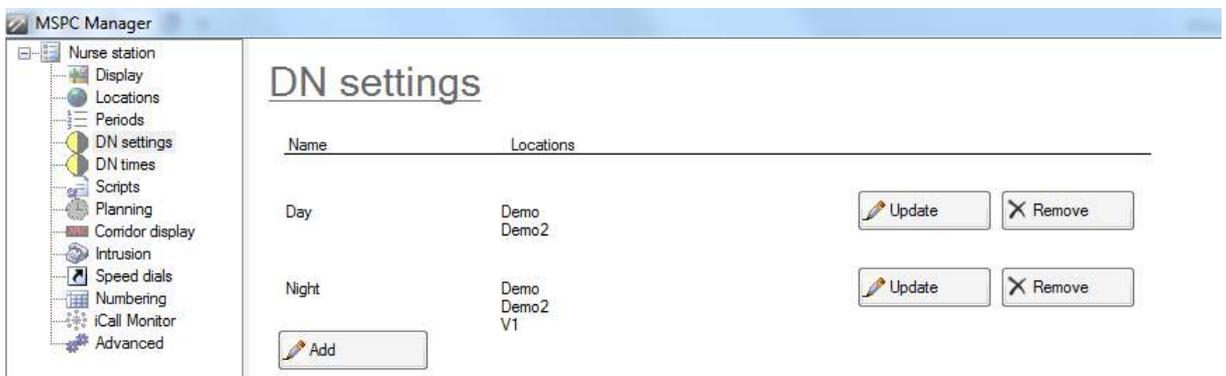
Morning	06:00 – 14:00
Day	14:00 – 22:00
Night	22:00 – 06:00
Weekend 1	00:00 – 12:00
Weekend 2	12:00 – 24:00

Each period has fixed DECT telephones for nursing where calls are sent via the Netrix. One can ensure that for every call within a certain time period another DECT is called by setting up another group in the routing of a room, for each of these periods.



3.4. DN Settings

Day/Night settings are designed to achieve a time based switch of actively monitored locations. This list can be filtered by type, but also by location. It is, for example, possible to only see calls from location **Ground FL** during the day, and during the night all calls from locations **Ground FL**, **1st FL** and **2nd FL**. This switch can also be done manually by pressing the DN setting symbol on the screen.



3.5. [DN Times](#)

The page titled Times allows you to set up what times and which days a given location switches to a given period.

ID	ID
Name	Name
Time	Set time
M t w t f s s	Set day
Action	Action

- ID:** Time ID.
- Name:** Name of the time.
- Time:** Set time for the action to be performed.
- M T W T F S S:** Set day for the action to be performed.
- Action:** Action that needs performing. This could either be a script or a period switch for a given location.



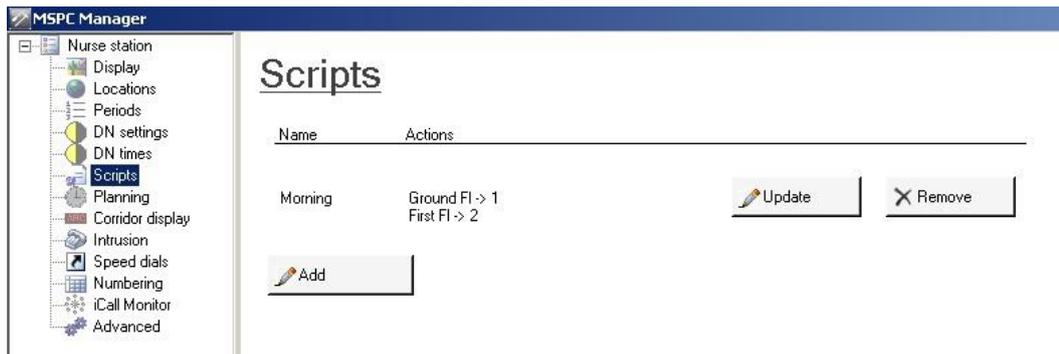
3.6. [Scripts](#)

A script is a way of switching various locations to another period at the same time. This period does not need to be the same for the different locations.

A script can be added by clicking on **Add**. To modify a script click on the update button. A script can be removed by clicking on the remove button.

When adding a script a name can be provided and for every location that is set you can select which period needs to be linked to it. Furthermore by ticking the box on or off choose which location should be active with this script.

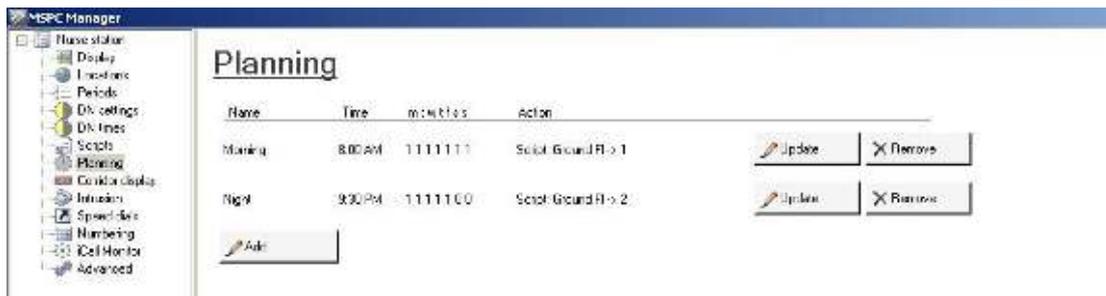
These scripts can be run automatically in the Planning page by selecting this script at a given time. A script can of course also be run manually by clicking on the correct icon on the screen.



3.7. Planning

A planning is a schedule which is used to obtain settings and functionality for a specific room dependent on the current time and day of the week.

For example during the night other groups may be called in Netrix than during the day. Or by making use of time schedules other information can be displayed at the weekend on mini displays than during the week.

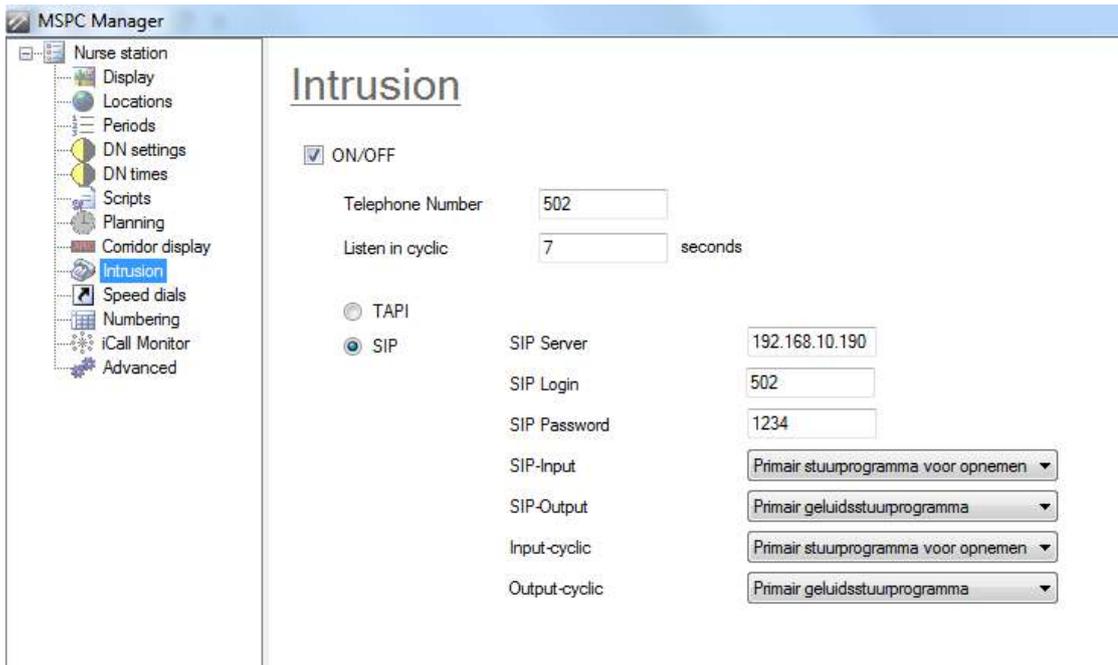


3.8. Corridor Display

Just like the call list, you can also choose which type of info from the iCall calling system you want to see on the corridor display (Not available in the USA).

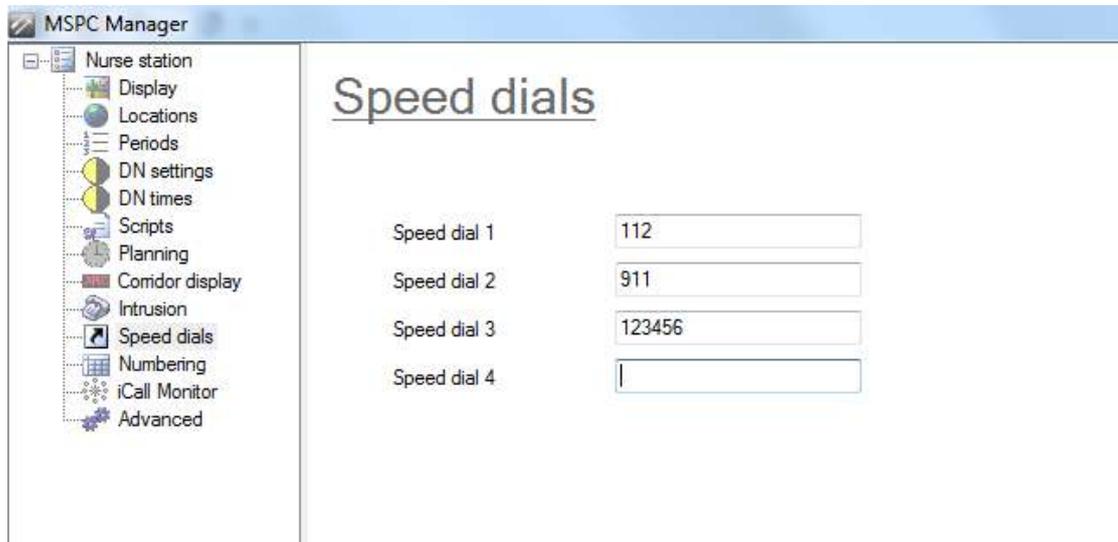
3.9. Intrusion

Set up your SIP client to call to other SIP devices, or any other device connected to your telephone system.



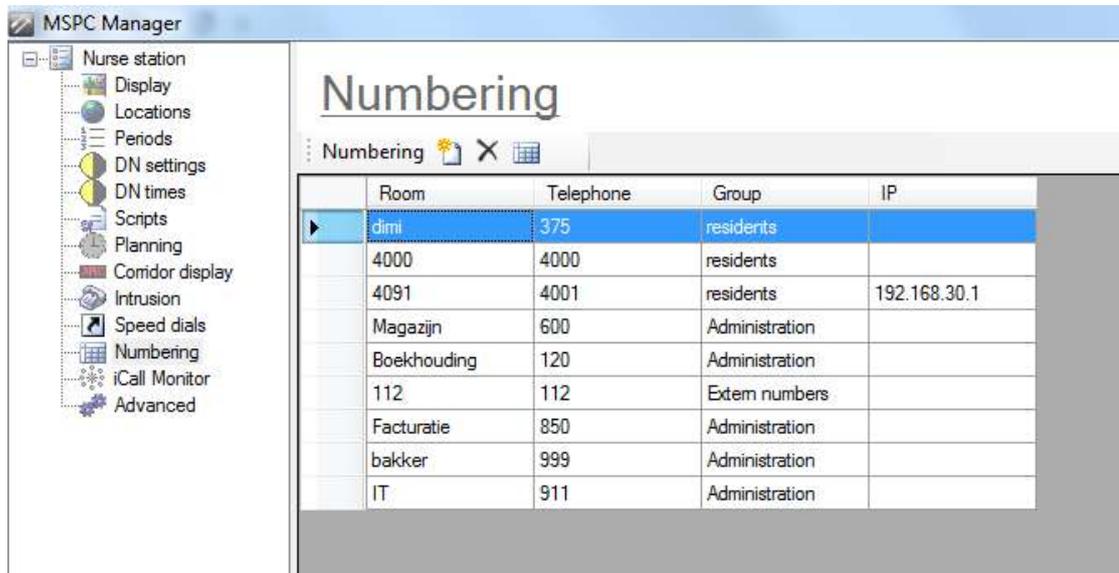
3.10. [Speed dials](#)

Enter the 4 speed dial numbers here.



3.11. [Numbering](#)

Here you can attribute room numbers to their perspective telephone number.



3.12. [iCall Monitor](#)

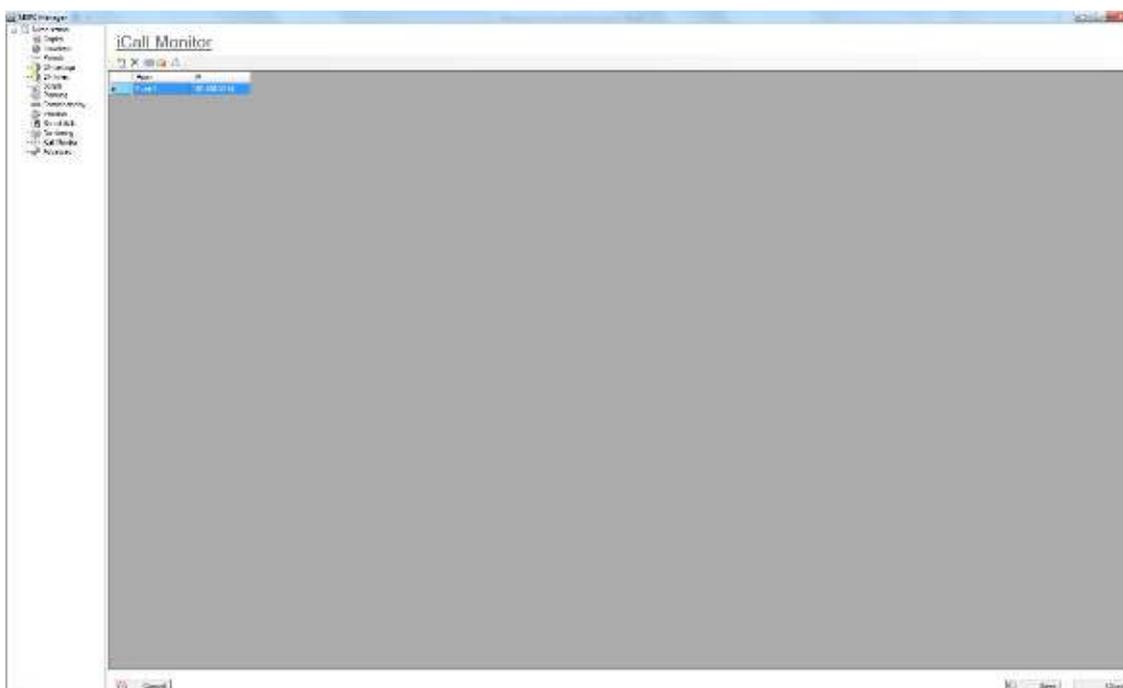
With the iCall monitor you can monitor selected iCall IP units.



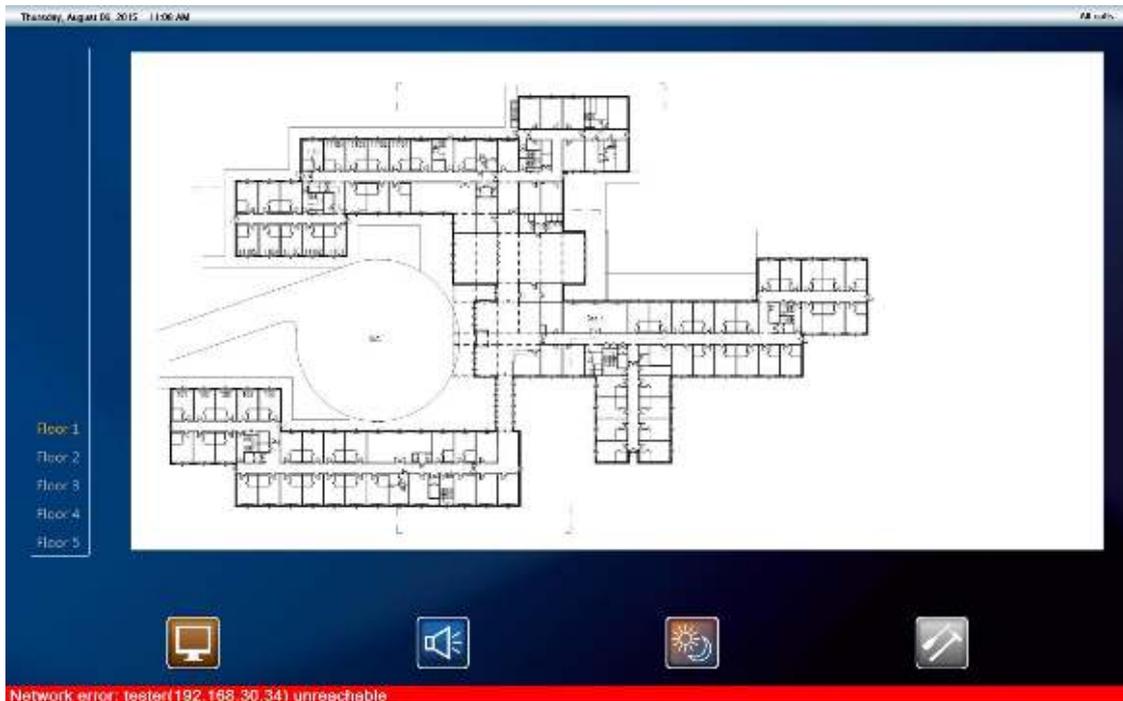
Scan the network automatically for IP units.



Import a list of IP units



Faulty or malfunctioning IP units will be displayed at the bottom of the main window of the MSPC/ASPC.



3.13. Advanced

Here you can change the advanced settings:

- Language can be set
- Broadcast address and port
- The type of call that needs to be visible can be selected
- The background and font color for the type of call can be chosen
- The text that needs to be displayed can be set

MSPC Manager

Nurse station

- Display
- Locations
- Periods
- DN settings
- DN times
- Scripts
- Planning
- Coridor display
- Intrusion
- Speed dials
- Numbering
- iCall Monitor
- Advanced**

Advanced

Language: English

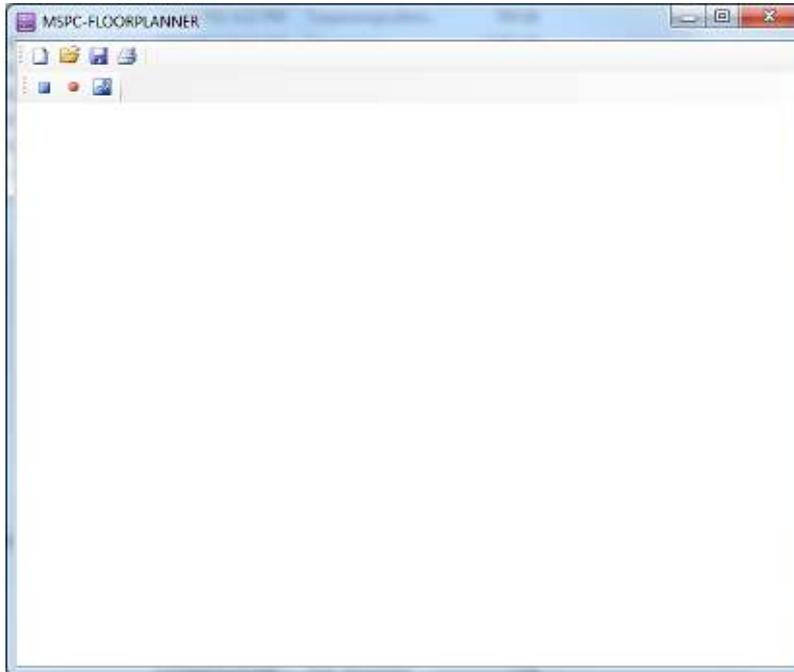
UDP Broadcast: 255.255.255.255

UDP Port: 7475

	Backcolor	Fontcolor	Text
<input checked="" type="checkbox"/> Code Blue			CODE BLUE
<input checked="" type="checkbox"/> Emergency			EMERGENCY
<input checked="" type="checkbox"/> Assistance			ASSISTANCE
<input checked="" type="checkbox"/> Bathroom			BATHROOM
<input checked="" type="checkbox"/> Call			CALL
<input checked="" type="checkbox"/> Acoustic			ACOUSTIC CALL
<input checked="" type="checkbox"/> Call cord 1			CALL CORD 1
<input checked="" type="checkbox"/> Call cord 1 safety			CALL CORD 1 SAFETY
<input checked="" type="checkbox"/> Call cord 2			CALL CORD 2
<input checked="" type="checkbox"/> Call cord 2 safety			CALL CORD 2 SAFETY
<input type="checkbox"/> Medaillon			Medaillon
<input checked="" type="checkbox"/> Present			PRESENT
<input type="checkbox"/> Information Type1			
<input type="checkbox"/> Information Type2			
<input type="checkbox"/> Information Type3			
<input type="checkbox"/> Information Type4			
<input type="checkbox"/> Information Type5			
<input type="checkbox"/> Error			

4. Floorplanner

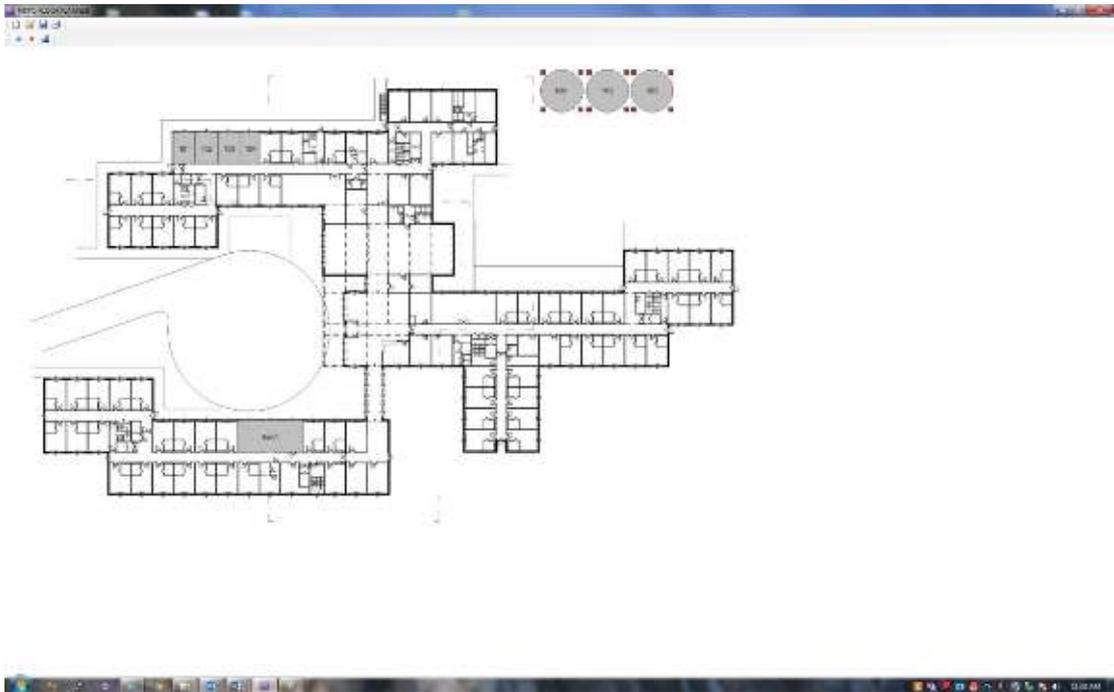
Create floorplans by adding a background and rooms to a canvas.



-  Create a new floorplan
-  Open an existing floorplan
-  Save
-  Print
-  Add a new room to your floorplan (rectangle)
-  Add a new room to your floorplan (round)
-  Add a background

To start you have to add a background. This is the layout of the building.

On this layout you can then add/make new rooms (rectangle or round).



Save the floorplan to the “ZIP” - folder in the installation folder of the MSPC software.