



Netrix- Lifecheck integration



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

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This equipment has been tested and found to comply with the limits for a Class B, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

You are cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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Content

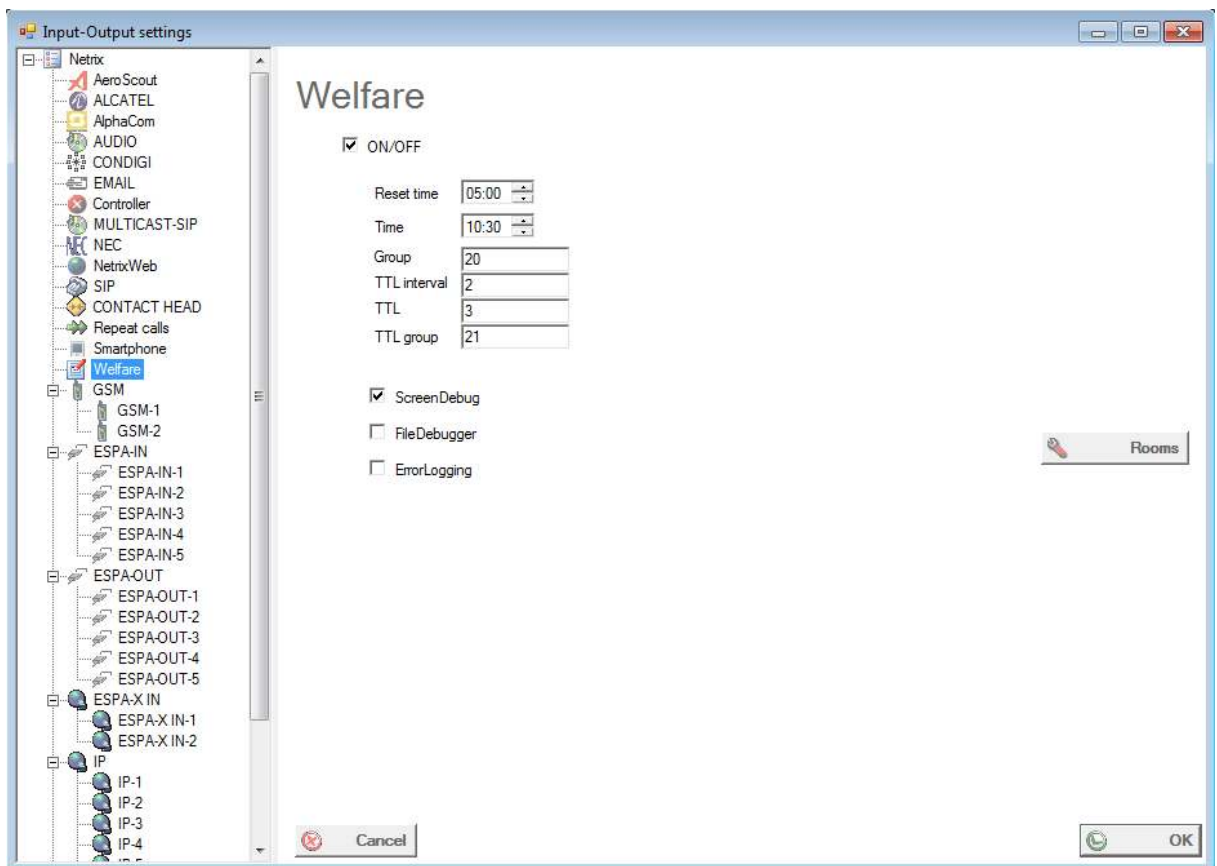
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1. General purpose

This document describes the implementation, programming and testing of the Welfare interface in the Netrix software. The goal is to monitor a selection of rooms, and warn the appropriate person if there hasn't been an action in a room for 24 hours.

2. Implementation

To enable the Welfare interface, go to Input-Output screen via the menu "Setup→Input-Output" and activate the interface (license).



Reset Time: The time when all previous responses are removed from the systems. All rooms go back to an idle state, pending for a response.

Time: The time when the group should be called, if any rooms are still in idle state.

Group: The group number to be called when there hasn't been activity in a room between "Reset Time" and "Time". If less than 5 rooms were inactive, this group will be called for each room. When 5 or more rooms were inactive, this group will only be called once. Inactive rooms will be written in MSG1.

TTL: amount of repetitions (Time To Live)

TTL interval: interval between repetitions

TTL group: The group number that is called after the repetitions. Only called in case of remaining rooms.

ScreenDebug: check this box if you need a debug screen for this interface

FileDebug: check this box to log the debug info

Errorlogging: Check this box to send errors to the errorlog.

Rooms

Click on the Rooms button to edit the appropriate rooms.

	Enabled	Name	Room	Location	LastInput	LastAction	DisabledUntil
	<input type="checkbox"/>	dennis	123	V1		15/04/2014 9:27	30/04/2014 10:25
	<input checked="" type="checkbox"/>	NAAM	843		iCall oproep	17/04/2014 12:10	15/04/2014 11:10
	<input checked="" type="checkbox"/>	TESTDB	B100		iCall oproep	17/04/2014 12:12	15/04/2014 13:16
	<input checked="" type="checkbox"/>	Jurgen	999	TEST			17/04/2014 12:02
	<input checked="" type="checkbox"/>	Dimi	567	V5			17/04/2014 12:03
	<input checked="" type="checkbox"/>		11A	A			17/04/2014 12:07
	<input checked="" type="checkbox"/>		234B	B			17/04/2014 12:07

All rooms can be disabled for a certain period. Hereafter the rooms will automatically enabled again.

The current state is displayed in a window in the main screen.

	Enabled	Room	Location	Name	LastAction	LastInput
	<input type="checkbox"/>	123	V1	dennis	15/04/2014 9:27...	
	<input checked="" type="checkbox"/>	843		NAAM	17/04/2014 12:1...	iCall oproep
	<input checked="" type="checkbox"/>	B100		TESTDB	17/04/2014 12:1...	iCall oproep
	<input checked="" type="checkbox"/>	999	TEST	Jurgen	0:00:00	
	<input checked="" type="checkbox"/>	567	V5	Dimi	0:00:00	
	<input checked="" type="checkbox"/>	11A	A		0:00:00	

Count=7

Red: Room did not respond before the time ran out.

Orange: Room is in idle state, and waiting for a response.

Green: Room has respond.

3. Programmation

Create or select a group where you need to include a welfare message.

Select type “Welfare”.

The screenshot shows a 'Participant' dialog box with the following fields and values:

- Name:
- Type:
- Room:
- Location:
- Input info:

Buttons: Cancel, OK

Dropdown menu: MSG1

Room: the Room number

Location: The location of your room (can be left empty).

Room and location should match a room programmed in the Welfare setup (Input-Output)

Input info: additional info, for example to specify the source of the call.

The screenshot displays a software interface with three main components:

- Participant Form:** Located at the top left, it contains fields for Name, Type (set to 'Action'), Room (set to 'MPSG0'), Location (set to 'MPSG0'), and Input info (set to 'Call group').
- Welfare rooms Table:** A table below the form with columns: Enabled, Name, Room, Location, LastInput, LastAction, and Dis. It lists several entries, with 'TEST08' selected.
- Welfare Table:** A table on the right with columns: Enabled, Room, Location, Name, LastAction, and LastInput. It contains five rows of data, with the first row highlighted in yellow.

Colored lines indicate data flow or mapping:

- Red lines connect the 'Room' field of the 'Participant' form to the 'Room' column of the 'Welfare' table.
- Blue lines connect the 'Location' field of the 'Participant' form to the 'Location' column of the 'Welfare' table.
- Purple lines connect the 'Input info' field of the 'Participant' form to the 'LastInput' column of the 'Welfare' table.

Enabled	Name	Room	Location	LastInput	LastAction	Dis
<input type="checkbox"/>	denise	123	V1		16/04/2014 9:27	30/1
<input checked="" type="checkbox"/>	NAAM	943		Call group	17/04/2014 12:10	15/1
<input checked="" type="checkbox"/>	TEST08	E100		Call group	17/04/2014 12:12	15/1
<input checked="" type="checkbox"/>	Jugen	939	TEST			17/04/2014 12:00
<input checked="" type="checkbox"/>	Dini	967	VS			17/04/2014 12:08
<input checked="" type="checkbox"/>		11A	A			17/04/2014 12:07
<input checked="" type="checkbox"/>		234B	B			17/04/2014 12:07

Enabled	Room	Location	Name	LastAction	LastInput
<input checked="" type="checkbox"/>	123	V1	denise	16/04/2014 9:27	
<input checked="" type="checkbox"/>	943		NAAM	17/04/2014 12:10	Call group
<input checked="" type="checkbox"/>	943		TEST08	17/04/2014 12:12	Call group
<input checked="" type="checkbox"/>	939	TEST	Jugen	17/04/2014 12:00	
<input checked="" type="checkbox"/>	967	VS	Dini	17/04/2014 12:08	
<input checked="" type="checkbox"/>	11A	A		17/04/2014 12:07	

4. Website integration

To manage the rooms, also a website is available.

Browse to the Netrix website <http://xxx.xxx.xxx.xxx/Netrix> where xxx.xxx.xxx.xxx stands for the IP address of the Netrix. Log in with the appropriate credentials. If you have a valid license, an additional link “Welfare” will appear in the menu.



You can now manage the rooms.



For staff members without login credentials, a second website is available to get an overview of the current room statuses. To view the non-password protected website, browse to <http://xxx.xxx.xxx.xxx/lifecheck> where xxx.xxx.xxx.xxx stands for the IP address of the Netrix.

