

Application Note



Product: Unite NaviCare® Nurse Call Gateway
Purpose: Integration of Hill-Rom NaviCare Nurse Call with Unite
Date: 8/5/2009

Unite NaviCare Nurse Call Gateway

Introduction

This document outlines the necessary steps and guidelines to integrate the Unite NaviCare Nurse Call Gateway with Hill-Rom's NaviCare Nurse Call System. This guide should be used in conjunction with the appropriate Hill-Rom NaviCare Nurse Call configuration guide(s) and is intended for someone knowledgeable on the configuration of Hill-Rom NaviCare Nurse Call and Ascom Unite systems.

It is assumed that the user has already installed Unite products, according to their respective installation guides. (See Related Documents section)

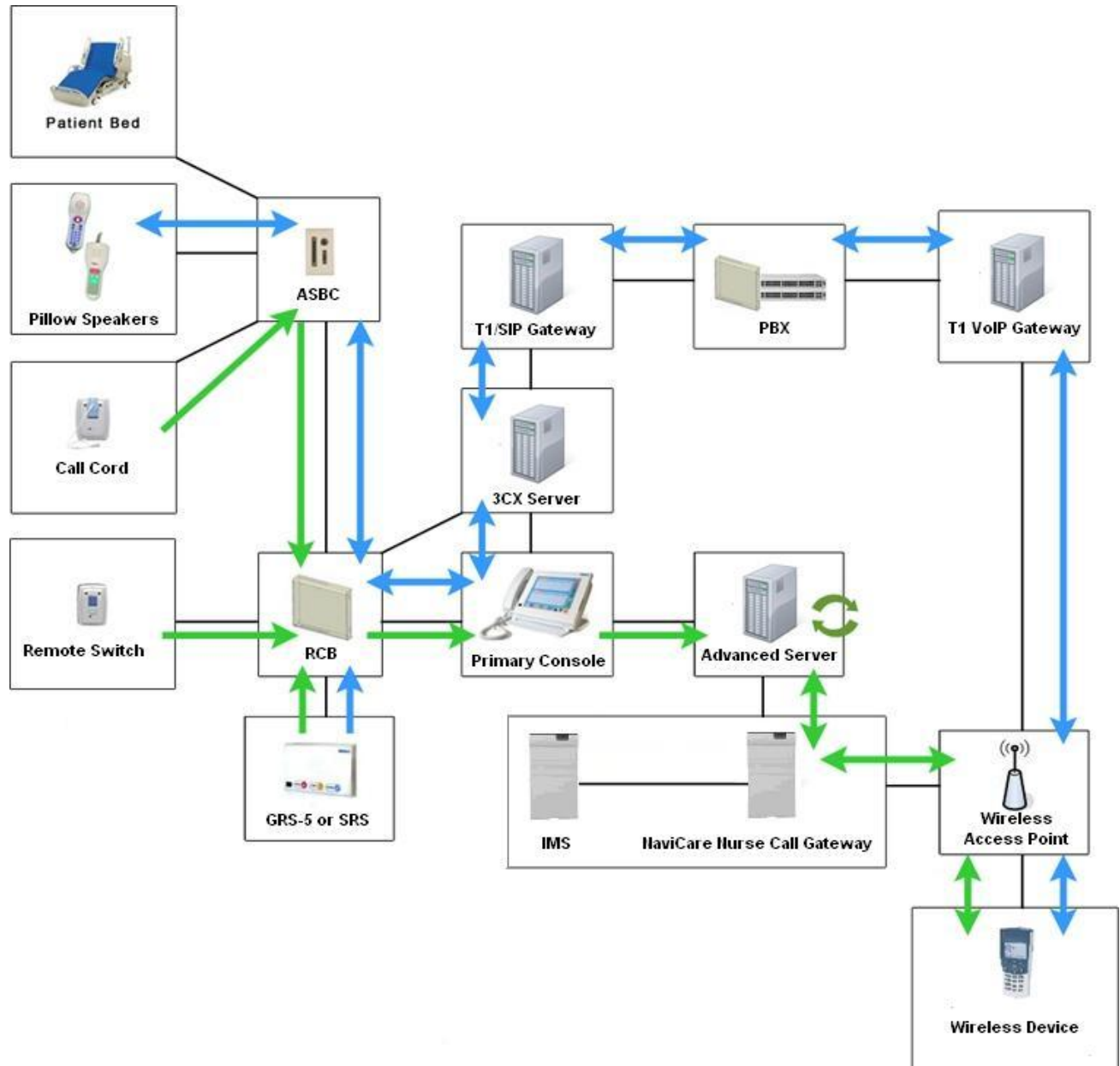
The steps, screen shots, and command line syntax depicted throughout this document are based upon NaviCare Nurse Call Gateway software version 3.00.

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Product Summary and Network Topology



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Hill-Rom Navicare Nurse Call Configuration

See Hill-Rom documentation: "Wireless Integration section of the NNC Internal Information Center (LAB00571)"

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Ascom Unite Configuration

NaviCare Nurse Call Gateway

The NaviCare Nurse Call Gateway is a Unite appliance based on the ELISE hardware. The Gateway utilizes a bidirectional XML over TCP sockets-based protocol, to facilitate communication between the NaviCare Nurse Call system and external wireless communications systems.

The NaviCare Nurse Call Gateway supports a request/response scheme. In this scheme, the NaviCare Nurse Call system sends a request to which the NaviCare Nurse Call Gateway returns a response. The request/response messages are used to verify connectivity (via heartbeat), to inform the NaviCare Nurse Call system of delivery receipt to a wireless device, to inform the NNC system of specific user actions, such as accept, decline, or callback, and to notify a wireless device of an alerting event within the NaviCare Nurse Call system.

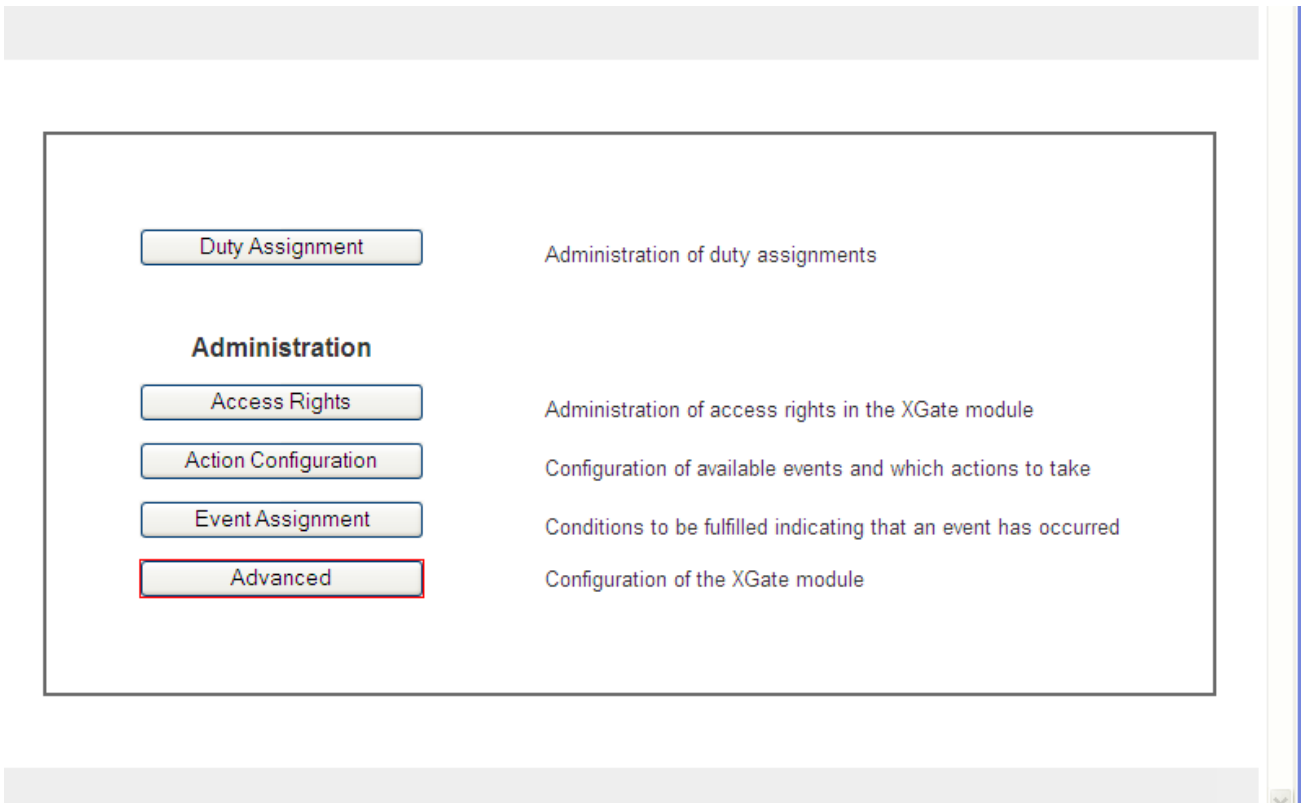
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Configuration of NaviCare Nurse Call Gateway

1. Navigate to the main **NaviCare Nurse Call Gateway** GUI window, by entering the IP address of the **NaviCare Nurse Call Gateway** (i.e. <http://172.20.96.65>).



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2. Click on the **Advanced** button, this will take you to the Basic Setup screen. Click on the **Advanced** tab at the top left of the window. This will take you to the **Advanced Setup** screen

The screenshot shows a web interface with a top navigation bar containing 'Basic' and 'Advanced' tabs. A red arrow points to the 'Advanced' tab. On the left is a sidebar menu with 'Basic Setup', 'Set Language', and 'Backup/Restore'. The main content area is titled 'Basic Setup' and contains several sections:

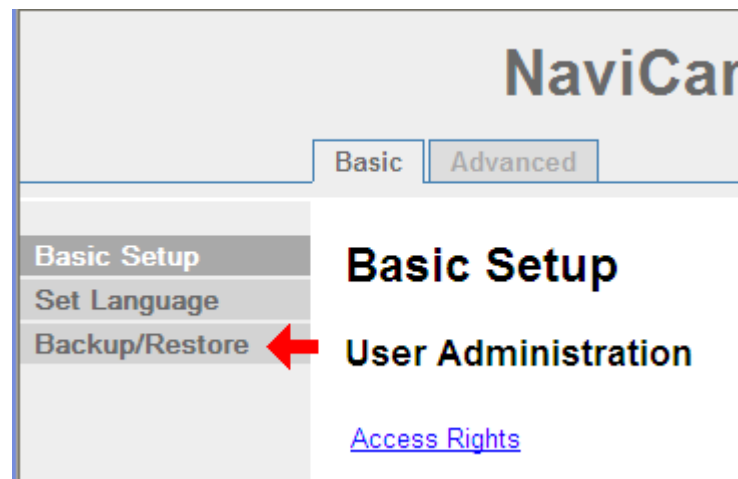
- User Administration**
 - [Access Rights](#): Set up access rights for the Unite User Teams
- Action Handling**
 - [Action Configuration](#): Set up of actions for the event that occurred. Define what to transmit and success and failure conditions
- Assignments**
 - [Event Assignment](#): Set up which Event Elements that correspond to a certain Event
 - [Duty Assignment](#): Set up addressees for the actions
- Input Data Conversions**

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3. If you are setting up a NNC Gateway for use with Ascom i75 handsets, you will need to do steps 4 through 6. If not proceed to step 7.
4. When the Basic Setup window appears, click on the **Backup/Restore** button on the left.



5. When the **Backup/Restore** window appears, click on the **Browse** button. Locate the file named **Hill-Rom NNC Gateway i75 Backup.tar.gz** open the file and click on the **Restore** Button.
6. After the NNC Gateway has finished rebooting, click on the **Advanced** tab at the top of the window.
7. This will take you to the Advanced Setup screen. Click on the **Configuration** link

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Basic | **Advanced**

Advanced Setup

- Translate GUI
- I/O Setup
- Data Monitor
- Basic Administration**

Advanced Setup

Event Handler

Configuration ←	Assignment of Event Elements
Overview	Display an overview of the Event Handler programming
Log	Display the Event Handler log
Database administration	Administration of the Event Handler configuration and block databases

8. Next you will see the **Event Handler Configuration** screen.

Event Handler Configuration

Home | **Activate configuration** | Save configuration | Check configuration | View Element help

- Event Handler configuration
 - Event Triggers**
 - Response Triggers
 - External Actions
 - Delay Actions
 - Action Groups
 - Translation Tables
 - Local Elements
 - Persistent Elements
 - External Interfaces
 - Configuration Overview

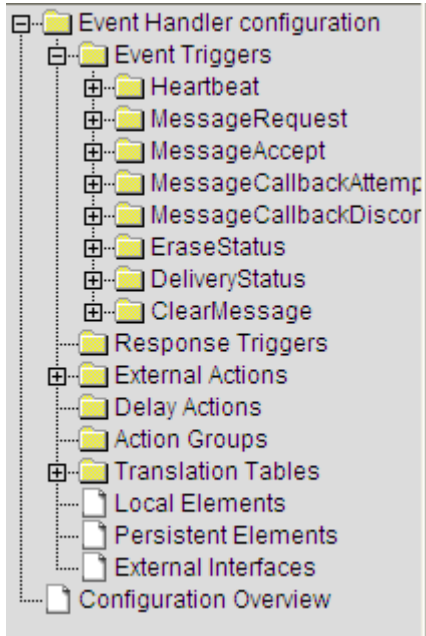
```
graph TD; Event[Event] --> ResponseTrigger[Response Trigger]; ResponseTrigger --> EventTrigger[Event Trigger]; EventTrigger --> Actions[Actions & Responses]; ResponseTrigger --> Actions;
```

9. On the left hand side of the GUI click on the “+” sign next to the **Event Triggers** folder to expand the folder. You should see a list of event triggers as shown below.

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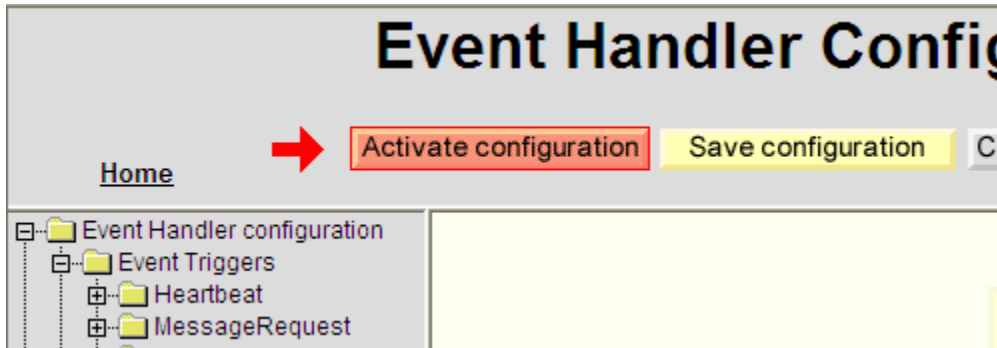


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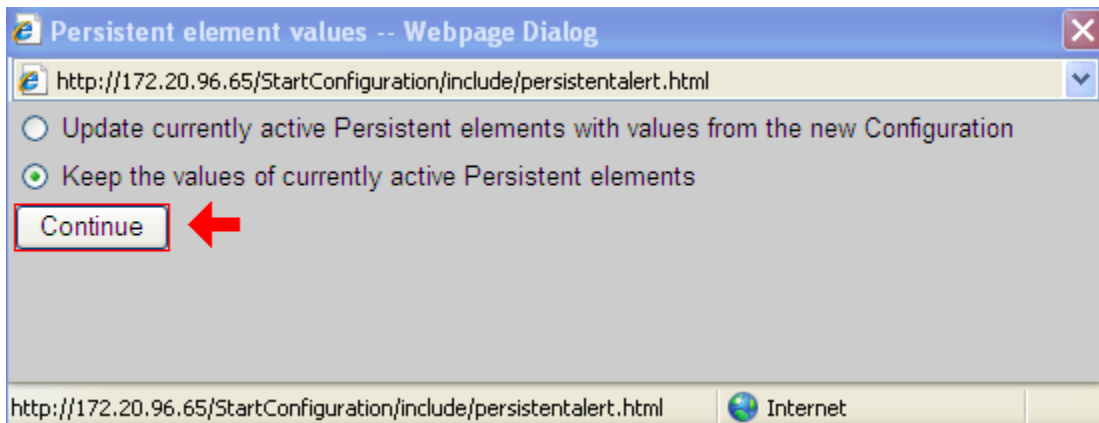
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10. At the top left of the GUI screen, click on the **Activate configuration** button,



11. A new window will be displayed, click on the **Continue** button.

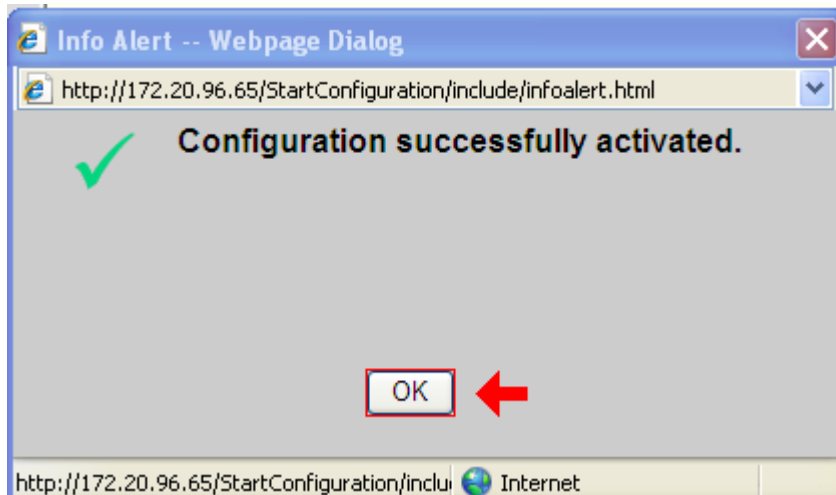


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12. A window alerting you that the Configuration was successfully activated should appear. Click the **OK** button



13. If you have restored the **Hill-Rom NNC Gateway i75 Backup.tar.gz** file or made no alterations specific to the customer requirements, there is no need to save a backup of your configuration, You can skip the remaining steps, The **NaviCare Nurse Call Gateway** is now fully functional. Otherwise it is recommended that you save a backup copy of your configuration.

14. Click on the **Home** link top left hand side of the GUI

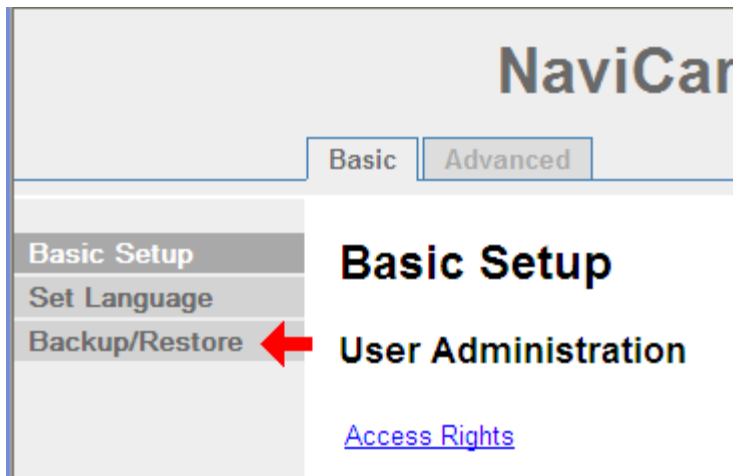


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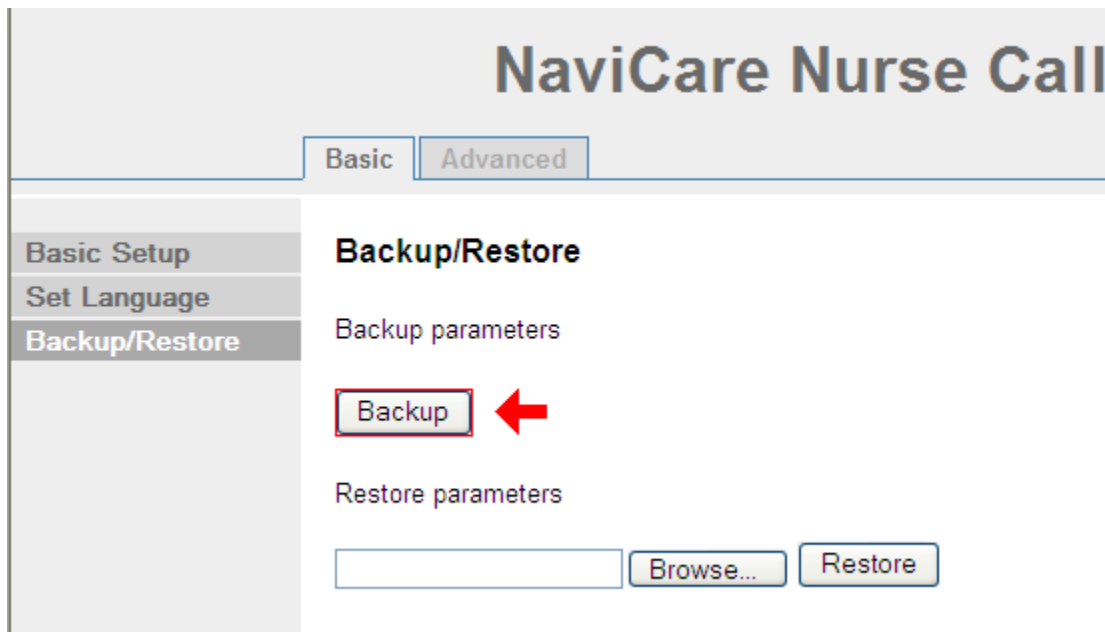


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15. When the Basic Setup window appears, click on the **Backup/Restore** button on the left.



16. When the **Backup/Restore** window appears, click on the **Backup** button.

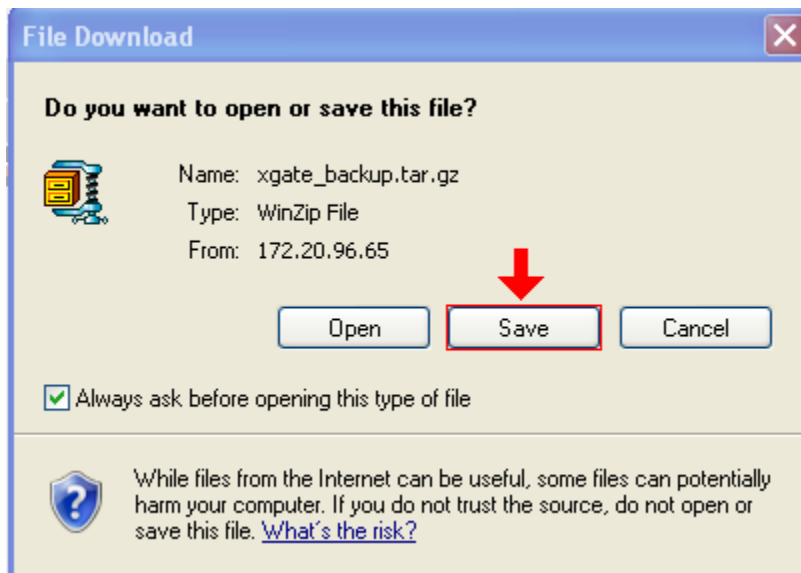


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17. A **File Download** window will appear, click on the Save button.

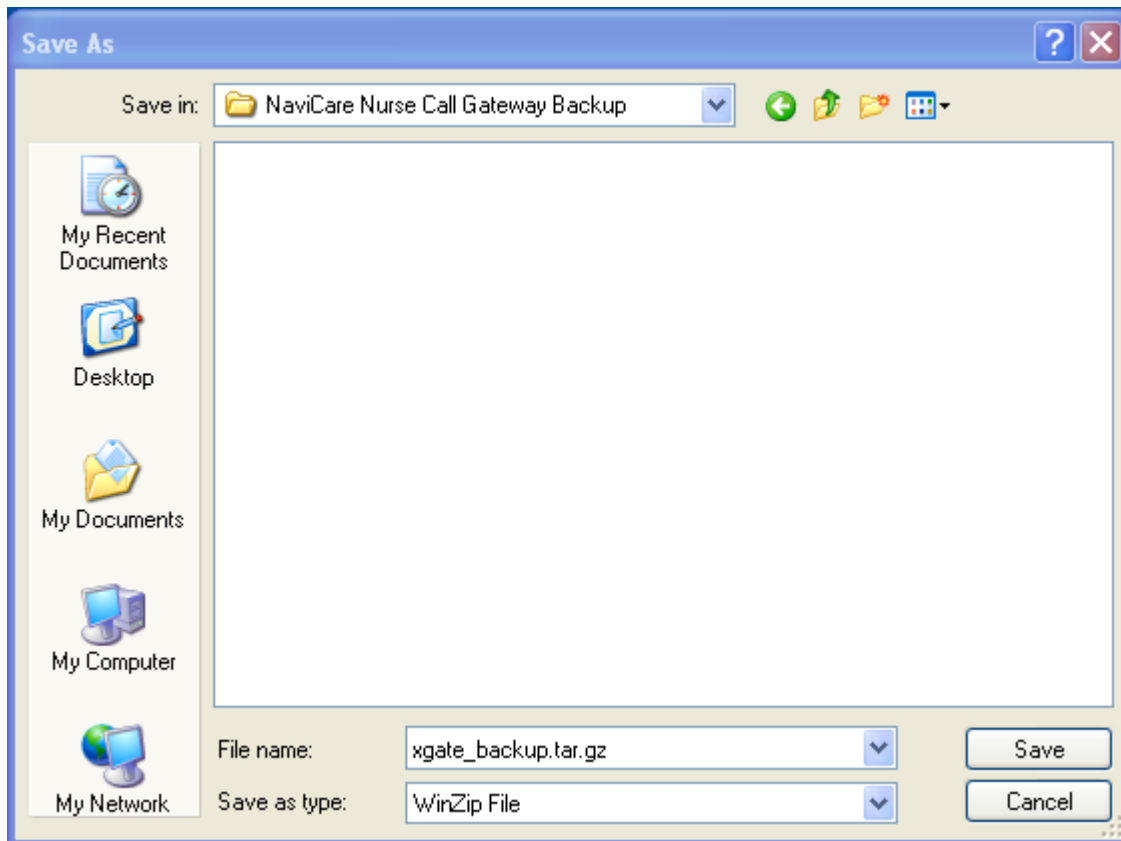


18. When the **Save As** window appears, choose the location and name you want to save your backup to.

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19. The **NaviCare Nurse Call Gateway** is now fully functional.

Related Documents

TD92338GB	Installation and Operation Manual XGate
TD 92364GB	User Manual Administration, XGate
TD92232GB	Installation Guide ELISE2
TD 92161GB	Installation and Operation Manual Integrated Message Server (IMS)

Additional Information

If you have any questions or need additional information, please contact Ascom Technical Assistance Center at 1-877-71-ASCOM, option 3.