

How To Integrate Multi-Tech iSMS With Nagios XI 2024 And 2026

Purpose

This document describes how to integrate the Multi-Tech iSMS GSM modem with Nagios XI 2024 and 2026. The iSMS provides out-of-band (OOB) SMS notifications for Nagios XI, thereby increasing the reliability and dependability of receiving critical alerts and notifications.

Target Audience

This document is intended for use by Nagios Administrators experienced with installing and configuring network devices.

Multi-Tech iSMS GSM Modem

More information on Multi-Tech's iSMS products can be found at:

<https://www.multitech.com/brands/multimodem-isms>

The iSMS modem can be purchased at various places online, including:

- CDW (www.cdw.com)
- Amazon (www.amazon.com)
- Multi-Tech distributors and resellers (www.multitech.com)

Configure The iSMS

You must configure the iSMS modem's send and receive APIs to enable Nagios XI integration. The iSMS modem's web configuration interface is used to accomplish the following steps.

To get started, you must enable the iSMS modem's HTTP to send API to send SMS alerts from Nagios XI. To do this, login to the iSMS administration interface and follow these steps:

- Access the Send API configuration screen under the **SMS Services > Send API** menu.
- Check the **HTTP Send API Status** checkbox.
- Click **Save**

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Install The iSMS Component

You must install the Nagios XI iSMS component (if it is not already installed) to enable SMS notification functionality.

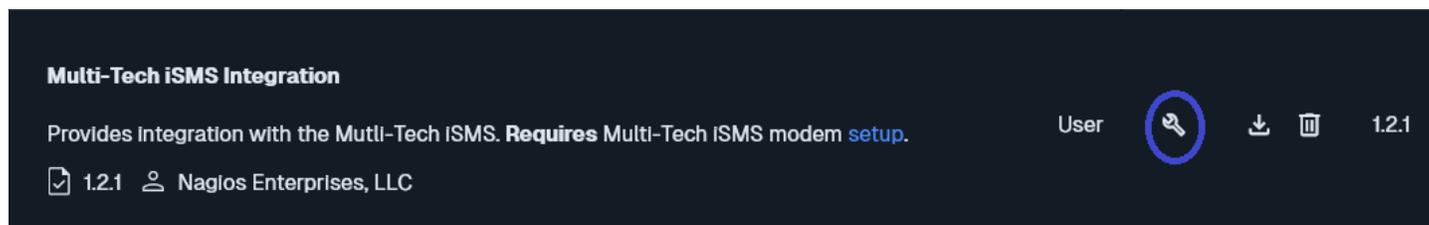
1. To do this, first download the component from the following URL and save it to your local computer:

<https://assets.nagios.com/downloads/nagiosxi/components/isms.zip>

2. Next, login to your Nagios XI server as an administrator and navigate to **Admin > System Extensions > Manage Components**. Upload the component zip file you just downloaded.

Configure The iSMS Component

1. Once the **iSMS** component has been installed in Nagios XI, click the **settings** icon next to the component.



2. On the component settings page, make sure to set the following options:
 - Check the Enable Integration option.
 - Supply the IP Address of the iSMS modem.
 - Ensure the HTTP Port matches the iSMS modem configuration (default port = 81)
 - Supply the Username and Password to authenticate to the iSMS modem.

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Multi-Tech iSMS Integration



Integration Settings

Enable Integration:

Enables Integration between Nagios XI and a Multi-Tech iSMS GSM modem. **Requires** Multi-Tech iSMS modem [setup](#).

Sender Settings

These settings relate to sending SMS alerts from Nagios XI through the iSMS Send API.

IP Address:

The IP address of the iSMS.

HTTP Port:

The HTTP port used to access the iSMS Send API.

Username:

The username used to authenticate to the iSMS.

Password:

The password used to authenticate to the iSMS.

Test Message

Phone Number:

Enter a mobile phone number to send a test SMS message to. This is used for testing the Nagios XI and Multi-Tech iSMS integration.

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3. Click the **Apply Settings** button to save your settings.

The iSMS component is now available for use by users. Each user that wants to receive SMS alerts must now enable them, as outlined in the steps on the following page.

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Enabling SMS Alerts For Users

Each user that wants to receive SMS alerts must enable them in their account settings.

1. To do this, select the **Notification Methods** link in your account settings and click on the **iSMS** tab.

Notification Methods

Specify the methods by which you'd like to receive alert messages.
Note: These methods are only used if you have [enabled notifications](#) for your account.

Email Mobile Text (SMS) iSMS

MultiTech
Systems 

SMS Text Message
Receive out-of-band SMS alerts via the [Multi-Tech iSMS](#).

Send a test SMS message to the number specified above.

2. Check the **SMS Text Message** checkbox and enter your cellphone or mobile phone number.
3. Click the **Update Settings** buttons to enable SMS alerts.

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Customizing SMS Alert Messages

Each user that receives SMS alerts can choose how the messages should be formatted, and what information they should contain.

Notification Messages

Use this feature to customize the content of the notification messages you receive.

Email Mobile Text (SMS) iSMS



SMS Message Settings

Specify the format of the SMS messages you want to receive.
NOTE: The maximum length of SMS text messages is 160 characters. Messages longer than this limit will be trimmed.

Host Alert Message:

Service Alert Message:

1. Click the **Notification Messages** link in your account settings and click the **iSMS** tab.
2. Users can customize message formats for both host and service alert messages they receive.
3. Messages can contain macros that are substituted with real data when Nagios XI sends an alert.

For more information on notification macros please refer to the following documentation:

[Understanding Nagios XI Notification Variables.](#)

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Finishing Up

This completes the documentation on how to integrate the Multi-Tech iSMS GSM modem with Nagios XI. If you have additional questions or other support-related questions, please visit us at our Nagios Support Forum, Nagios Knowledge Base, or Nagios Library:

[Visit Nagios Support Forum](#)

[Visit Nagios Knowledge Base](#)

[Visit Nagios Library](#)