

1 Introduction

This document provides a quick guide to using the One Sight Solutions Niagara **OSS Teams Tools** software.

This software allows Niagara Alarm notifications to be sent to a Microsoft Teams Channel.

You must read the [End User License Agreement](#) at the end of this document before using this software.

2 Install

First install the OSS Teams Tools software modules and ensure you have a valid license from One Sight Solutions installed.

Please contact One Sight Solutions <sales@onesight.solutions> to obtain the software or a license.

3 OSS Teams Tools Operation

The OSS Teams Tools palette has a single component, as shown in **Figure 1**.

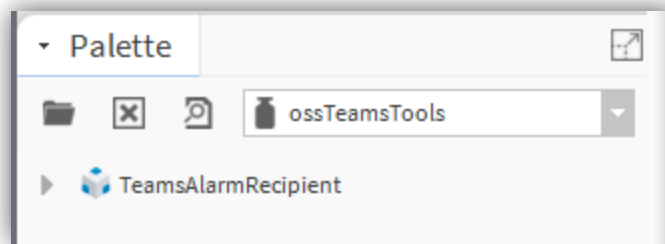


Figure 1: OSS Station Backup Palette

The TeamsAlarmRecipient component should be placed in the Alarm Services folder, along with the associated alarm classes.

The required alarm classes should be linked to the 'Route Alarm' action in the same way as standard Niagara alarm recipients, as shown in **Figure 2**.

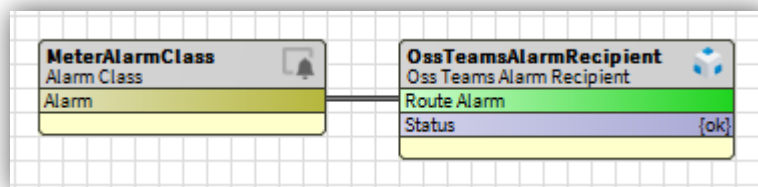


Figure 2: OssTeamsAlarmRecipient Example

The only property that needs to be setup in the TeamsAlarmRecipient is the Teams Webhook Url. How to get this URL is described in section 4.

4 Setting Up The Teams Webhook

To set up the Microsoft Teams Webhook you must first find or create the Teams Channel where you wish the Niagara alarm alerts to appear.

Then select the menu for that channel by clicking on the three dots to the right that appear when you hover over the heading, as shown in **Figure 3**.

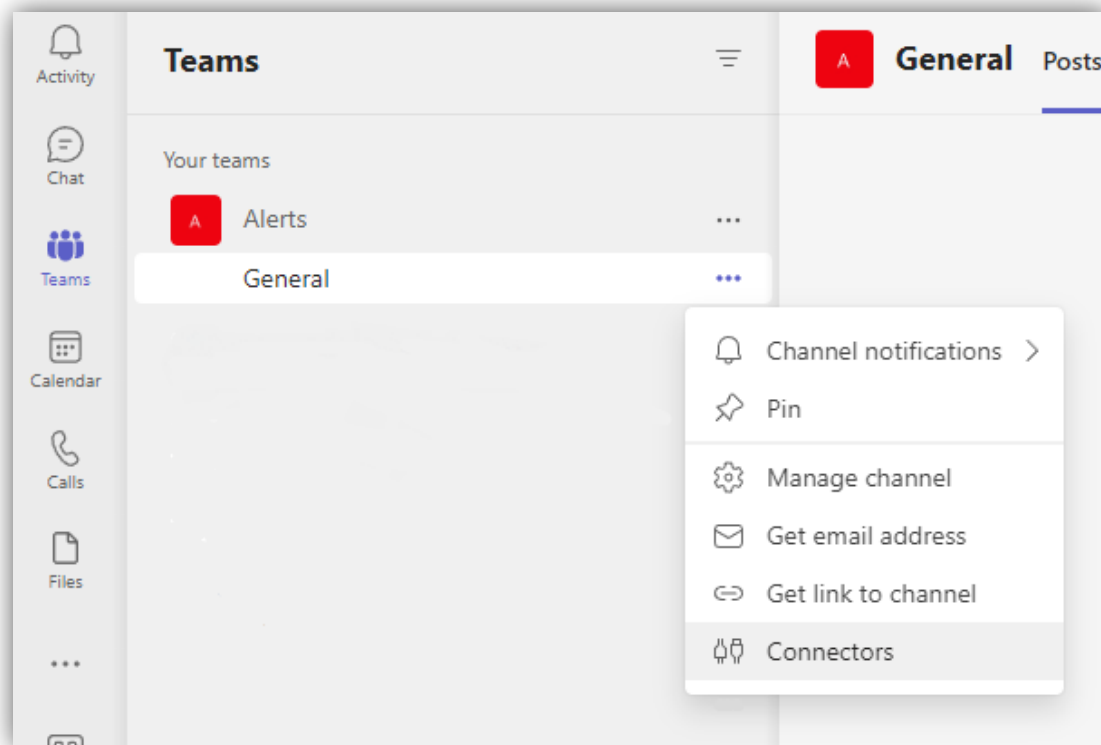


Figure 3: Teams Channel Menu

Click on the 'Connectors' option and a new window should appear with a list of connectors.

Find the 'Incoming Webhook' item, (clicking on the 'Developer Tools' left-hand list may reduce the options to make it easier).

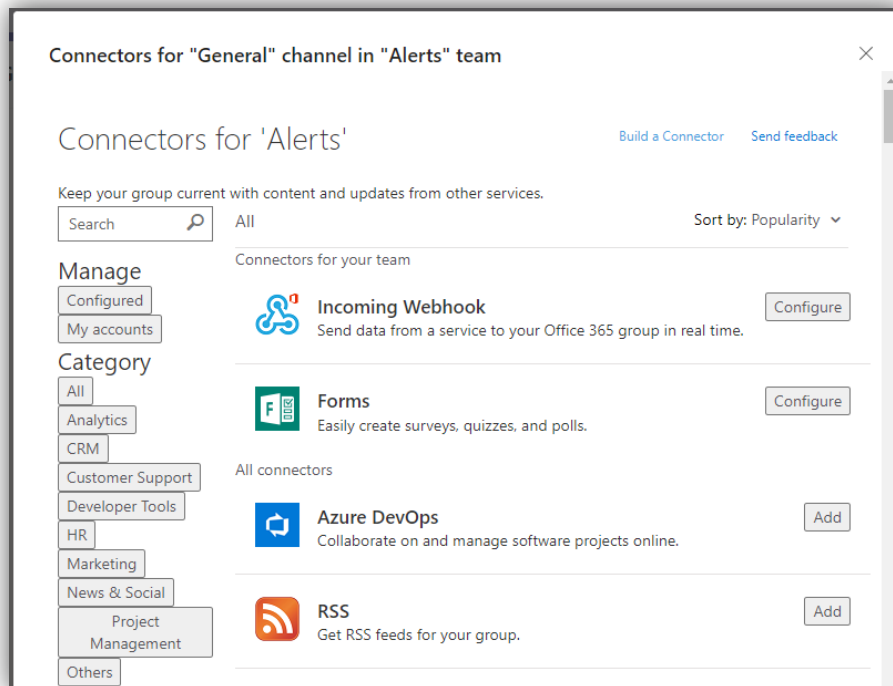


Figure 4: Teams Connectors List

Then click on the 'Configure' button for the webhook item and a new window should appear. In this new window enter a webhook name and optionally provide an icon (that will appear alongside the teams alert messages), then click the create button.

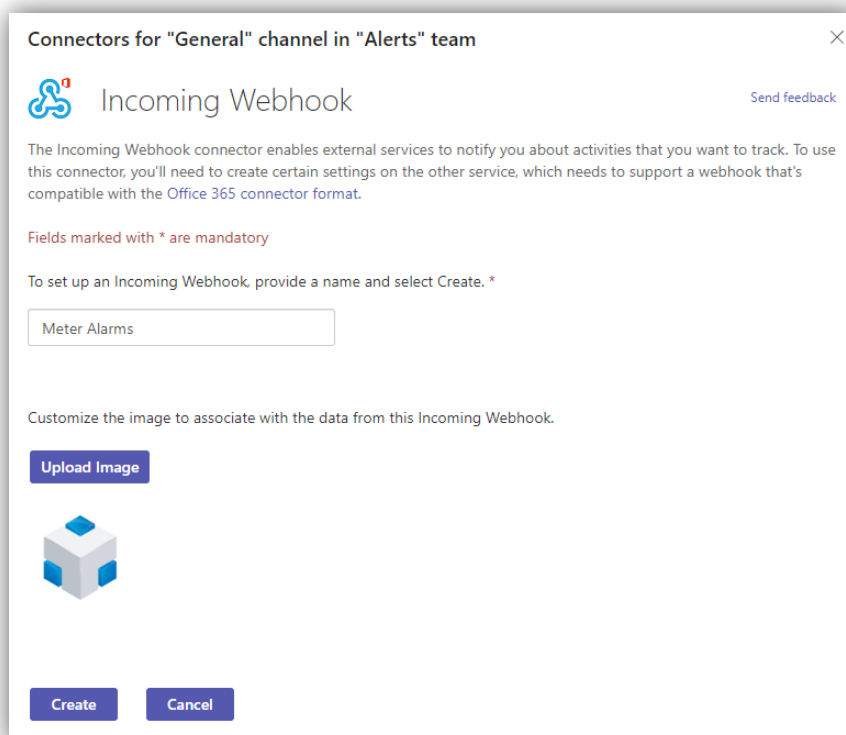


Figure 5: Webhook Creation Window

After a while a link box will be created with a copy button.

Copy the new webhook URL and paste it into the TeamsAlarmRecipient 'Teams Webhook Url' property.

The screenshot shows the 'Property Sheet' for a 'TeamsAlarmRecipient' (Oss Teams Alarm Recipient). The fields are as follows:

Property	Value
Time Range	12:00 AM - 12:00 AM
Days Of Week	<input checked="" type="checkbox"/> Sun <input checked="" type="checkbox"/> Mon <input checked="" type="checkbox"/> Tue <input checked="" type="checkbox"/> Wed <input checked="" type="checkbox"/> Thu <input checked="" type="checkbox"/> Fri <input checked="" type="checkbox"/> Sat
Transitions	<input checked="" type="checkbox"/> toOffnormal <input checked="" type="checkbox"/> toFault <input checked="" type="checkbox"/> toNormal <input checked="" type="checkbox"/> toAlert
Route Acks	<input checked="" type="radio"/> true
Enabled	<input checked="" type="radio"/> true
Status	{ok}
Fault Cause	
Teams Webhook Url	https://onesightsolutions.webhook.office.com/webhookb2/be403823-4d94-4...
Last Alarm Time	09-May-2023 04:56:58 PM BST
Alarm Source	Drivers/NiagaraNetwork/Meters
Alarm Ord	local: station: slot:/Drivers/NiagaraNetwork/Meters
Alarm State	Offnormal
Alarm Ack State	Unacked
Alarm Source Name	NiagaraNetwork Meters
Alarm Message Text	Meter fault
Alarm Priority	255
Alarm Class	MetersAlarmClass
Alarm Timestamp	09-May-2023 04:56:58 PM BST
Alarm Record Count	3
Teams Webhook Response	200
Teams Webhook Error	
Last Teams Webhook Time	09-May-2023 04:56:59 PM BST

Figure 6: TeamsAlarmRecipient Property Sheet

You can then click the done button to close the webhook window.

Once the webhook URL has been set up and the recipient is linked to the appropriate classes then alarm events will cause messages to appear on the selected Teams channel.



Figure 7: Teams Alert Example

5 Appendix

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End of license agreement