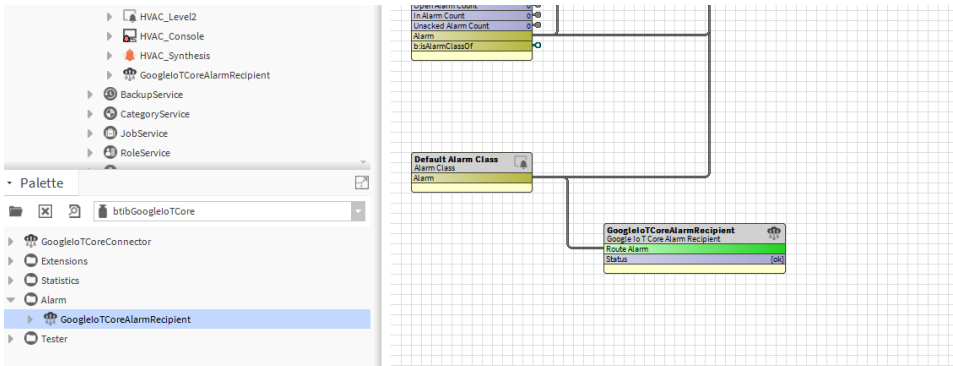


Step 4 Send alarms to Google IoT Core

You can easily transmit Niagara alarms in Google IoT Core. IoT Core doesn't have a native representation of alarms, this is why we use a dedicated devices which collect all the alarm events

Adding the Google IoT Core Alarm Recipient

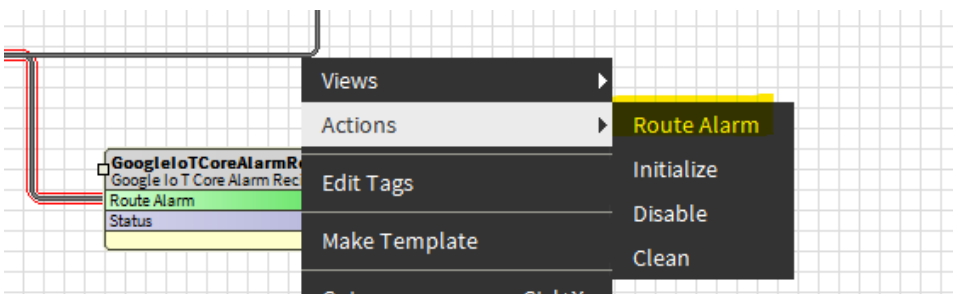
1. Open the btibGoogleIoTCore palette and drag and drop the **GoogleIoTCoreAlarmRecipient** to the AlarmService.



2. Fill the optional alarm data you want to add to the document which will represent each alarm record. [Example: msgTxt, building, floor...](#)
3. Give a name to the device which will be dedicated to alarms in the destination field. (Google IoT Core doesn't have a native representation of alarms, this is why we use a dedicated devices which collect all the alarm events).
4. Select the connector if you have multiple Google IoT Core Connectors in your station

Property Sheet	
GoogleIoTCoreAlarmRecipient (Google IoT Core Alarm Recipient)	
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
Status	{ok}
Fault Cause	
Enabled	<input checked="" type="radio"/> true
Optional Alarm Data	
Destination	alarms
Connector	GoogleIoTCoreConnector

5. To test right click on the recipient the route alarm.



6. The you should see the alarms on the alarms device created.

[PULL](#) ☐ Enable ack messages

Filter table			
Publish time ↓	Attribute keys	Message body	Ack
Oct 20, 2020, 12:09:07 PM	<div>deviceid</div> <div>deviceNumid</div> <div>deviceRegistryId</div> <div>deviceRegistryLocation</div> <div>projectId</div> <div>subFolder</div>	<pre>{ "alarmTransition": "Offnormal", "ackBy": null, "ackDate": "1970-01-01T01:00:00.000+01:00", "alarmClass": "Default Alarm Class", "source": "", "priority": 0, "uuid": "00000000-0000-0000-0000-000000000000", "ackState": "Unacked", "normalTime": null, "lastUpdate": "20T11:16:39.321+02:00", "sourceName": null, "ackRequired": true, "source": null, "timestamp": "2020-10-20T11:16:39.321+02:00" }</pre>	Deadline exceeded

Next Step

Step 5 Send commands from google cloud to Niagara