

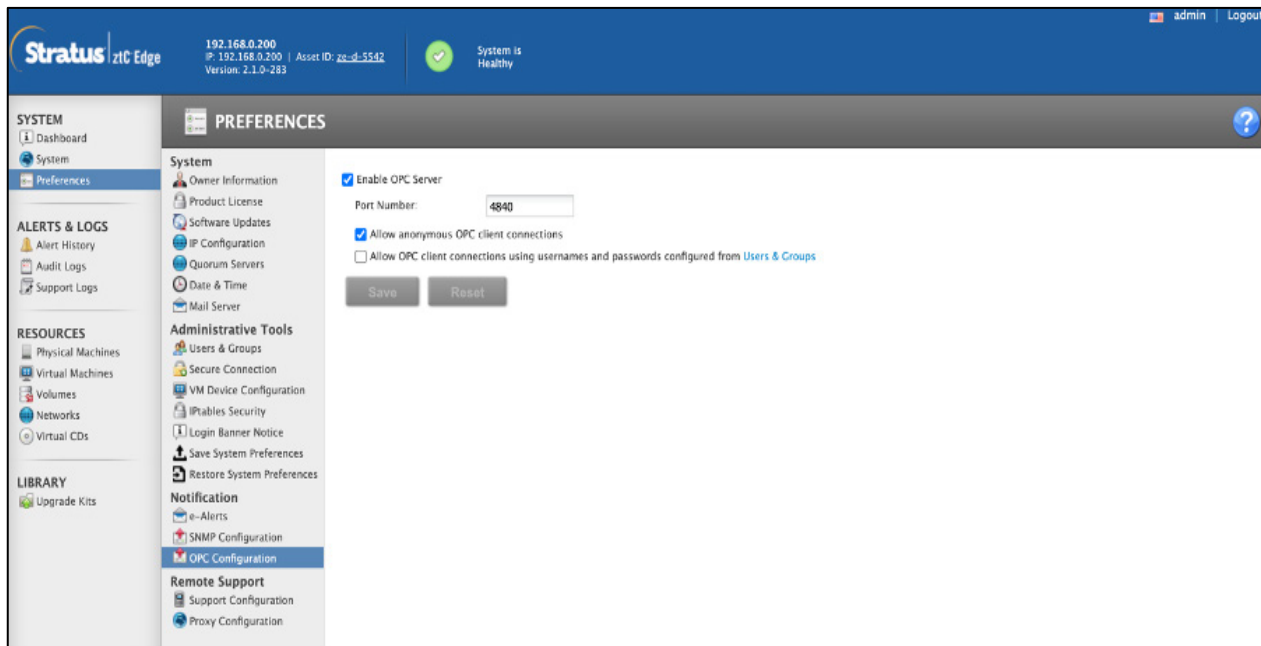


# Setup Guide for Stratus ztC Edge 110i OPC UA Integration into AVEVA Intouch HMI



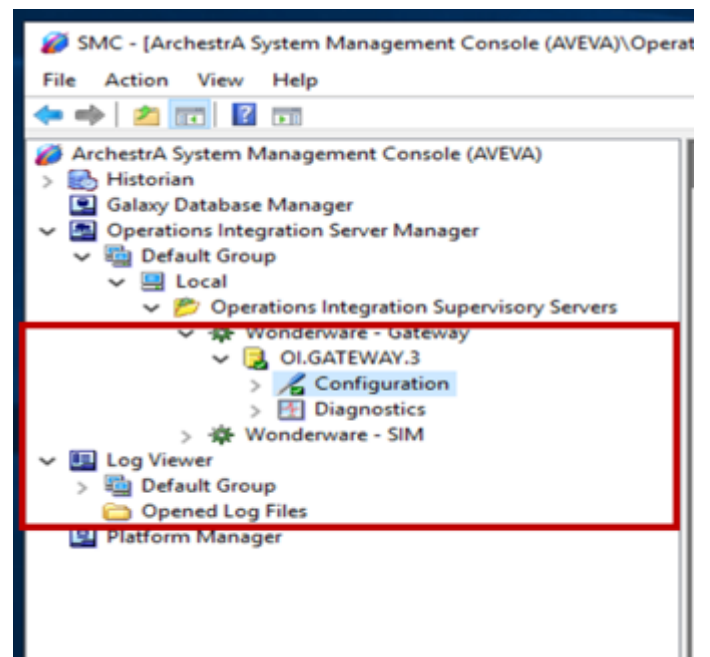
# How to add and enable ztC OPC integration into AVEVA Intouch

## Enable ztC Edge OPC UA in ztC Edge Web Console

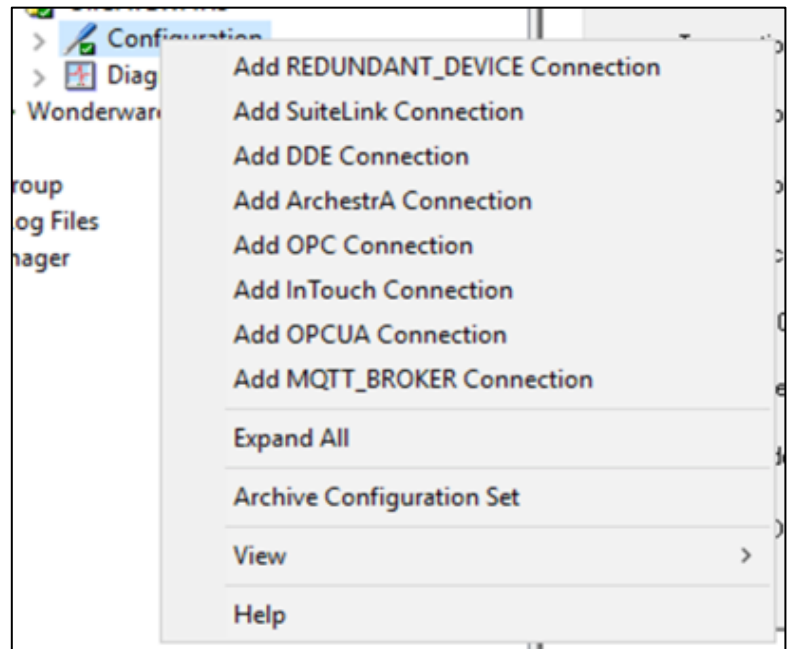


## Create OPC Connection in AVEVA Intouch

1. Open the "System Platform Management Console".
2. Open the Operations Integration Server Manager
3. Select "Default Group"
4. Select "Local"
5. Select "Wonderware – Gateway"
6. Select "OI.GATEWAY" and the "Configuration"



7. Right click on "Configuration" and select "Add OPCUA Connection"



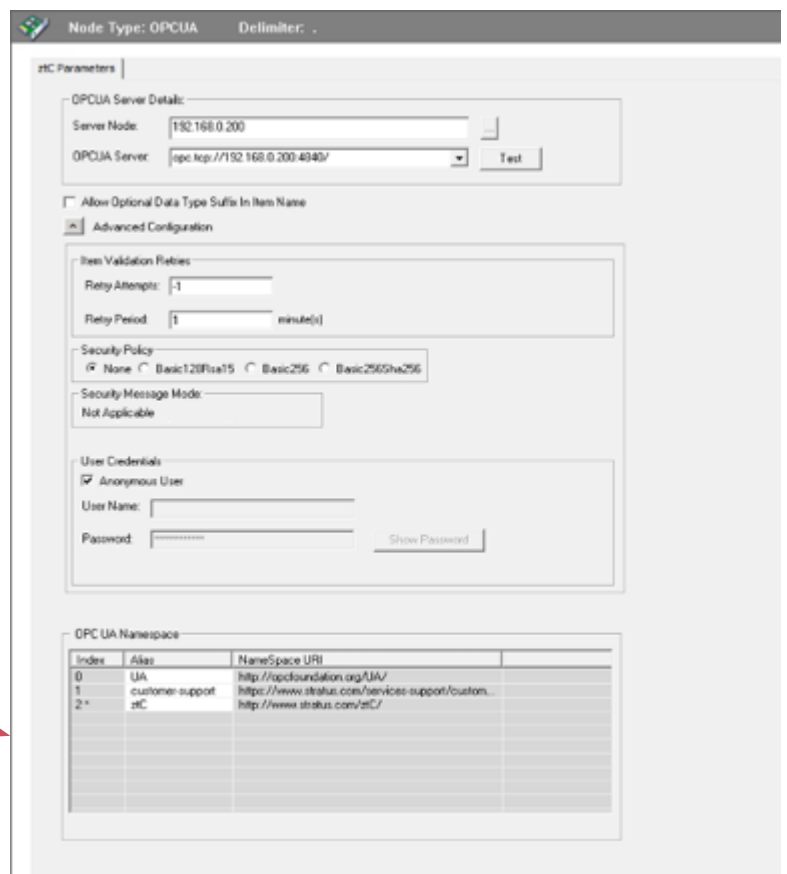
8. Give the OPCUA Connection a name

9. Server Node: "ztC System IP Address"

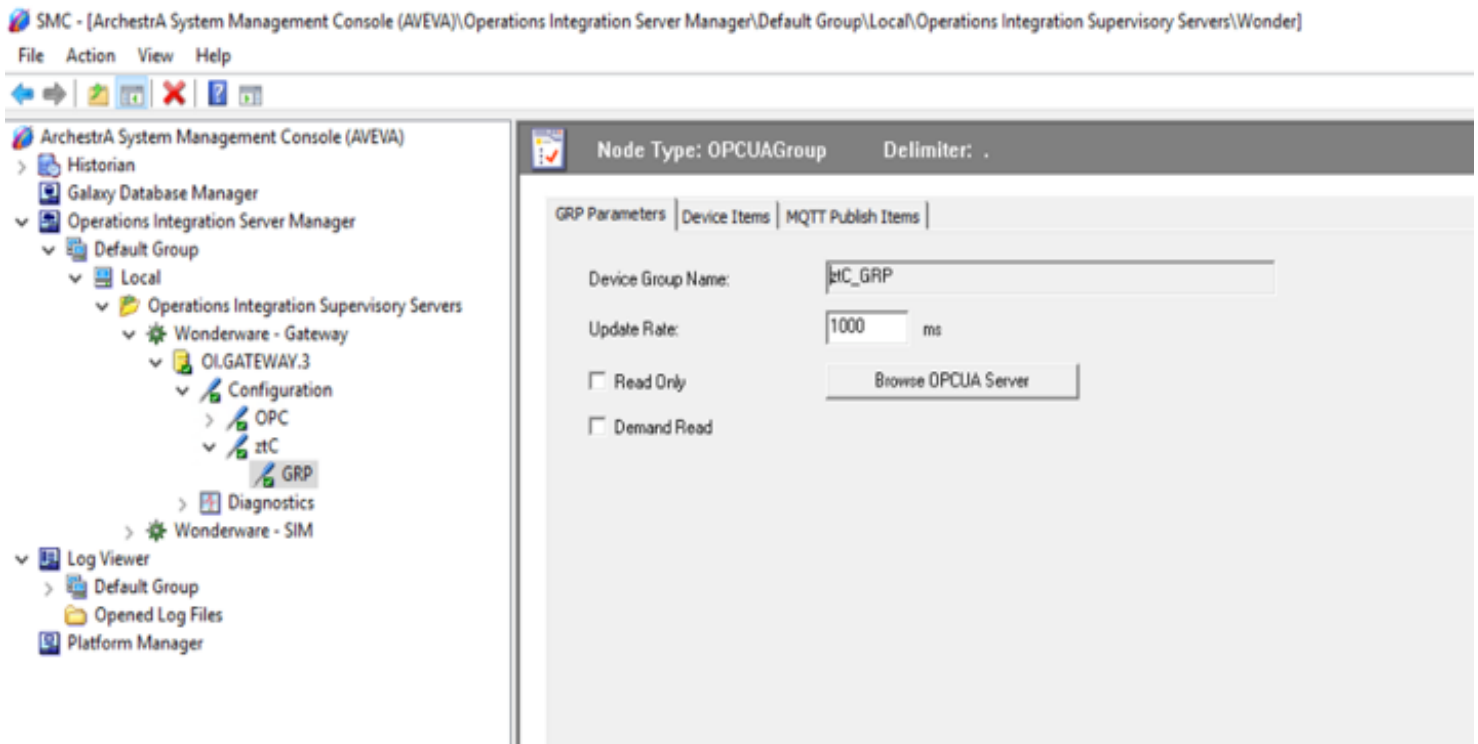
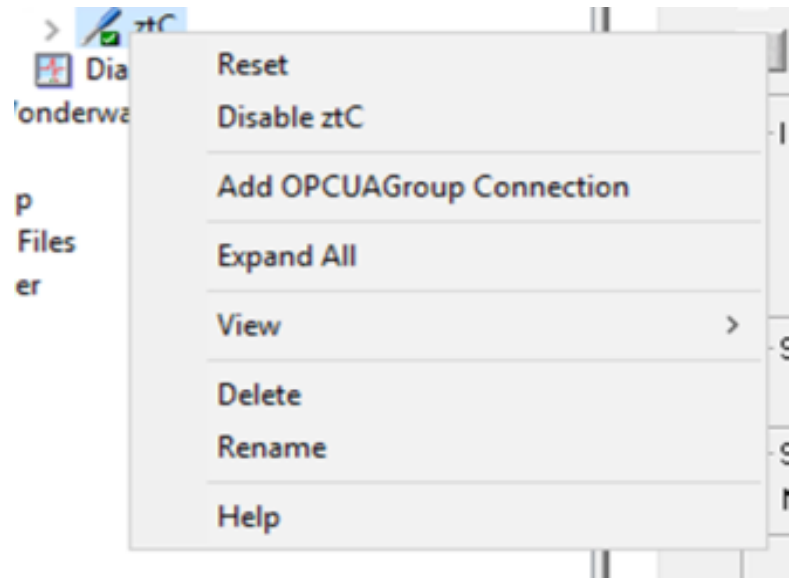
10. OPCUA Server: "opc.tcp://ztC systemIP:4840/"

11. Security Policy: None (Can be different depending what you select in the ztC console)

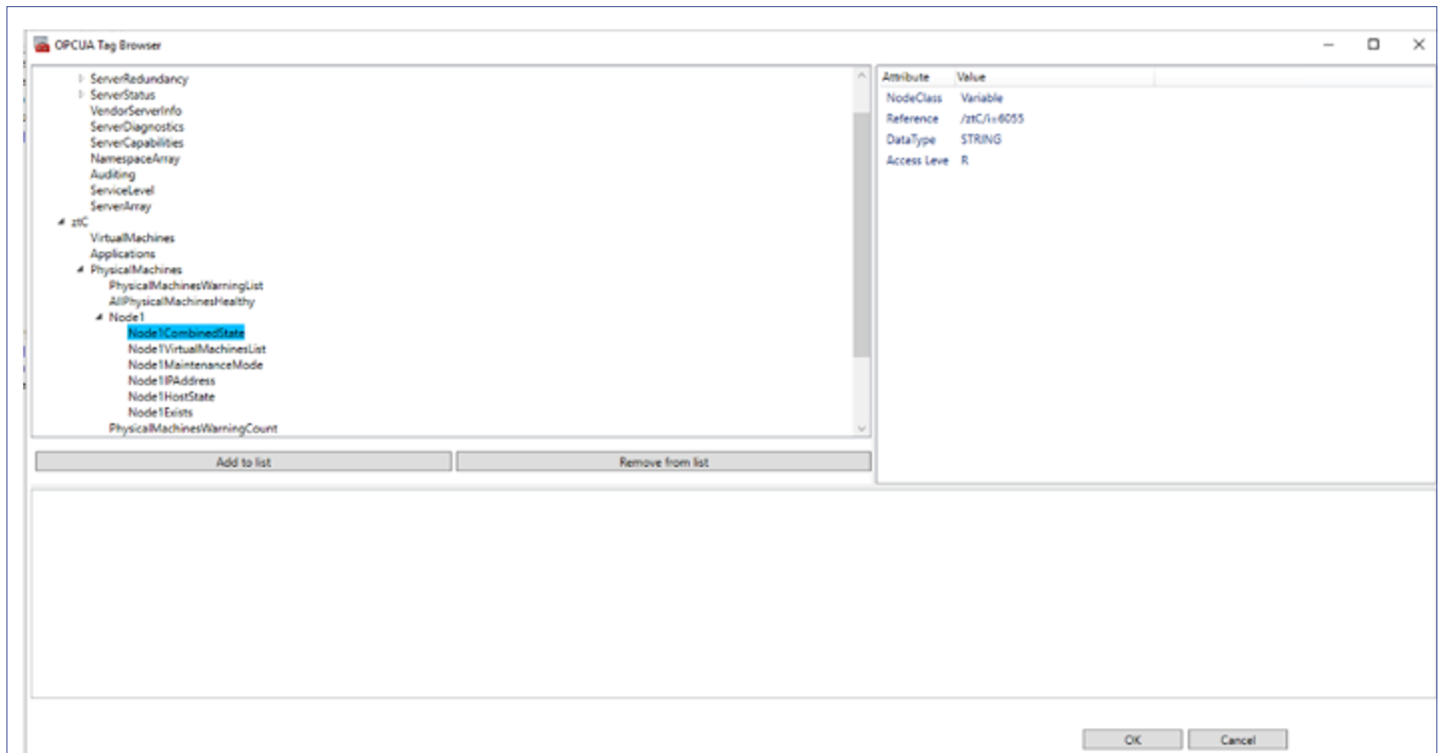
Once you test the connection and it is successful you should receive the indexes in the namespace



12. Right click on newly created OPCUA Connector for ztC and "Add OPCUAGroup Connection"



13. Once the Group has been created you can no “Browse OPCUA Server” and add to list

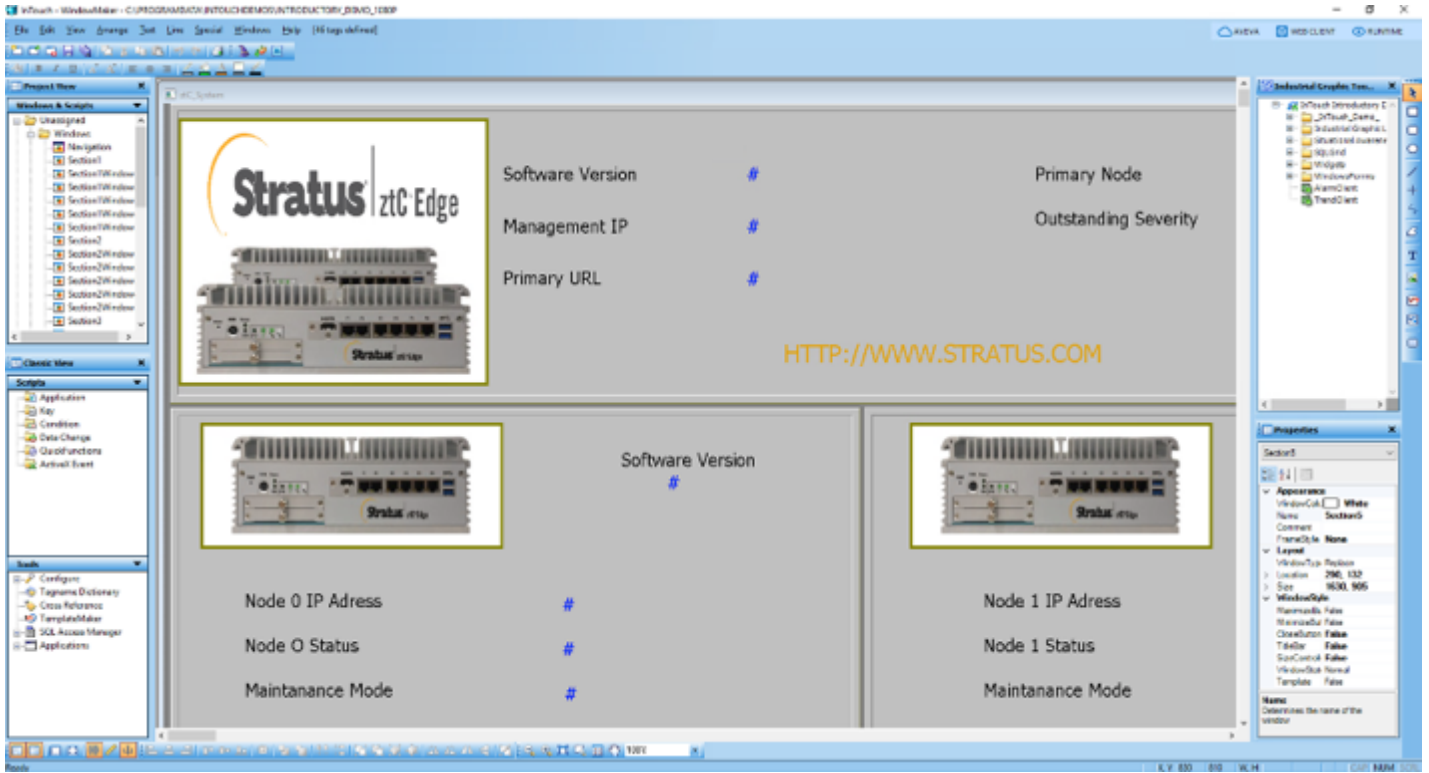


14. Under the “name” column you can rename the tag to more suitable name

15. Under the “name” column you can rename the tag to more suitable name

GRP Parameters		Device Items	MQTT Publish Items
Name	Item Reference		
/ztC/i=6010	/ztC/i=6010		
/ztC/i=6032	/ztC/i=6032		
HAVMList	/ztC/i=6029		
IP	/ztC/i=6030		
ManagementURL	/ztC/i=6031		
Node0IP	/ztC/i=6040		
Node0Maint	/ztC/i=6041		
Node0State	/ztC/i=6042		
Node1IP	/ztC/i=6050		
Node1Maint	/ztC/i=6051		
Node1State	/ztC/i=6052		
OutstandingSeverity	/ztC/i=6032		
RunningVMList	/ztC/i=6022		
SoftwareVersion	/JA/i=2264		
vmcount	/ztC/i=6024		

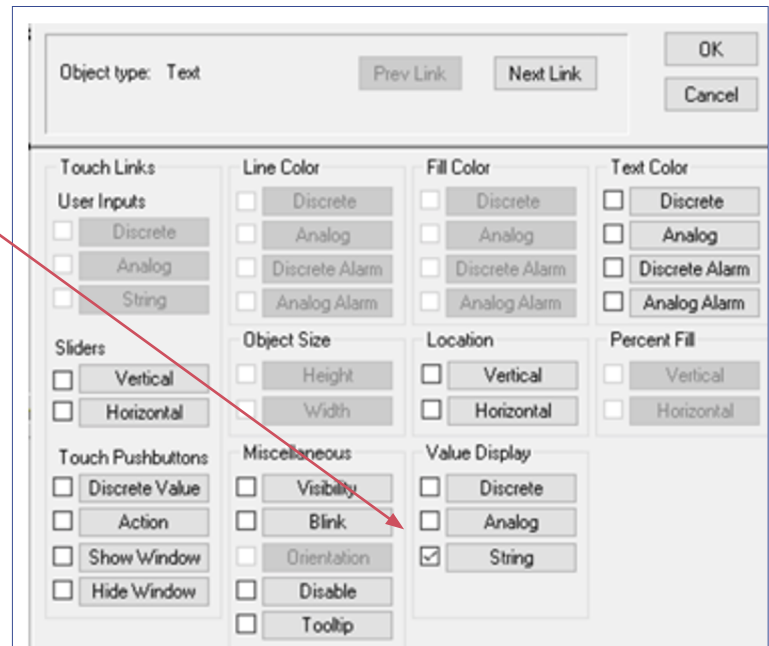
OPC Graphic integration example below



# Creating a ztC OPC UA Tag reference in Intouch HMI Window Maker

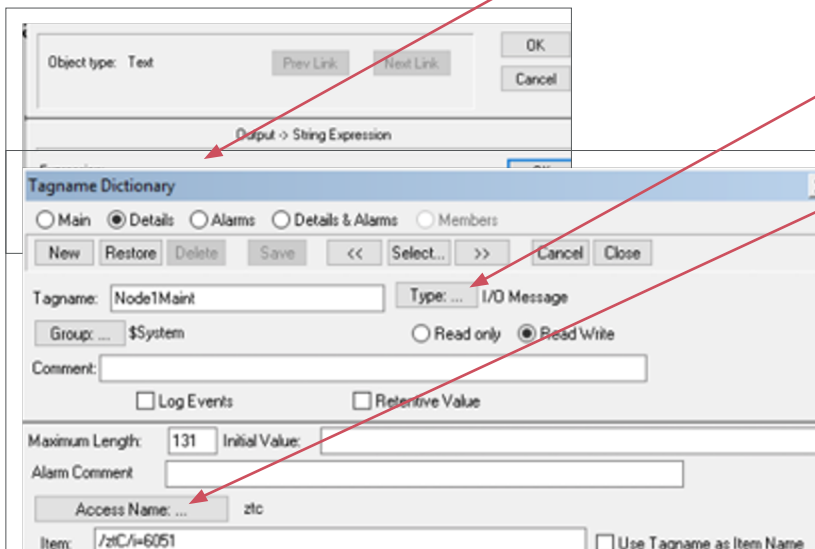
## Step 1

Select "String" button under "Value Display"



## Step 2

Insert a tag name in the "Expression" box



## Step 3

Select "Type" radio button and choose I/O Message as the type

## Step 4

Insert in the "Item" box the ztC OPCUA tag reference

## Step 5

Save your options and return to main page to create next one.

Once completed all your tag references to the ztC your display could look like below example:

The screenshot displays the Stratus ztC Edge management interface. At the top left is the Stratus ztC Edge logo and a product image. The main header area contains system-wide information: Software Version (2.1.0-283), Management IP (192.168.0.200), Primary URL (http://192.168.0.200/), Primary Node (node0), and Outstanding Severity (normal). A central URL [HTTP://WWW.STRATUS.COM](http://www.stratus.com) is displayed below this information. The interface is divided into two columns for individual node monitoring. The left column shows Node 0 details: IP Address (192.168.0.198), Status (running), and Maintenance Mode (normal). The right column shows Node 1 details: IP Address (192.168.0.199), Status (running), and Maintenance Mode (normal). Each node section includes a small product image and the software version (2.1.0-283).