Introduction

When using the BatchGuiConfig ActiveX Control in a Redundancy application, the following configuration steps must be completed in order for the InTouch client to automatically switch to the correct server in the case of a switchover. The objective is to reinit the BatchGuiConfig control when a switchover occurs.

Procedure

1. Create a new Tag in the InTouch® Tagname Dictionary.
   
   This Memory Discrete tag (Example: ServerComm) will monitor the Batch Server connection in case of communication loss:
2. Add a **Condition** script using one from the ActiveX Control Browser.

3. Select the **Init()** Method / Property:
In this example, the Condition script is called ServerComm, with a Condition type While False.

This script is set to run every 1000 msec. The rate can be set to how often you want the script to run.

This script monitors the connection of the BatchGuiConfig in the event of communication loss.

If the connection is lost the #BatchGuiConfigInit(); script will initialize the control when a switchover occurs to the correct Batch server:
Figure 3: #BatchGuiConfig1.Init() Script

4. Configure the following in the **BatchGuiConfig** control:
Under the **Properties** field there is a property **ServerConnected**.

- The Range is **False** (so when the tag values changes to True, the control is initialized).
- The Tag Type is **Discrete**.
- The associated tag must point the **ServerComm** tag in the Tagname Dictionary that you created.

![BatchGuiConfig1 Properties](image)

**Figure 4: ServerConnected Property and Associated Tag**

5. In the **BatchGuiConfig** control select the events tab and configure the following:

- Select the event **LostServerConnection** and enter **ResetServerComm** as the script name.
- Click the ellipsis ( ... ) button at the right of the **LostServerConnection** row:
You will be prompted to create an ActiveX Event Script.

6. Add the script `ServerComm = 0;` and click **OK** (Figure 6 below).
7. Return to the Event tab and highlight the Event SystemShuttingDown property.
8. Add the script name `ClearServerComm` (Figure 7 below).

9. Click the `...` button.

![Image of BatchGuiConfig1 Properties window](image)

**Figure 7: SystemShuttingDown Property**

You will be prompted to create an ActiveX Event Script.

10. Add the script `ServerComm = 0;` and click **OK** (Figure 8 below).
Figure 8: ServerComm Event Script

This completes the BatchGuiConfig ActiveX Control configuration.