EPMS Connect

Description
The ASI EPMS Connect app for Switch is a tool that connects Switch with the Enterprise Print Management System (EPMS). It will allow you to access all of the available methods exposed in the EPMS API. Available options can be accessed via the "Operation" property drop down list.

You can use this URL
http://<EPMS_Server name or IP address>/EnterpriseWebService/Service.asmx
 to get a sample of the SOAP XML to use in the "SOAP XML" preferences copy any of the portions of the Sample XML between the operation node.
For example the "operation node" to create an RFQ in between the nodes: <RFQ> and </RFQ>

Compatibility

  Compatible with: Mac or Windows

  Compatible with Switch: Switch 13 update 1 and later

Connections
This app uses a traffic light output connector.

        Success and Error out Data will carry the original job file.
        Success out Log will carry the response from the EPMS API in XML format.
        Error out Log will never carry any data.

Example:

<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
*   <soap:Body>*
*   <SubmitRFQResponse xmlns="http://localhost/EnterpriseWebService/Enterprise Connect">*
*   <SubmitRFQResult>*
*   <Message>RFQ successfully submitted.</Message>*
*   <JobNumber>98078</JobNumber>*
*   </SubmitRFQResult>*
*   </SubmitRFQResponse>*
*   </soap:Body>*
</soap:Envelope>

Properties detailed info

Property	Value
Name	EPMS Connect
Description	This app will allow you to interact with the EPMS ...
Script package	
EPMS Server	192.168.1.1
Operation	SubmitRFQ
EPMS username	switch
EPMS password	*******
Soap XML	Multi-line text with variables defined
Advanced	Yes
Replace ampersand &	Yes
Replace ampersand with...	&
On fail XML check	Send to problem jobs folder
Debug on	No

EPMS Server

The IP address or Fully Qualified Domain Name (FQDN) of the EPMS server running EPMS Connect.

Operation

This is s drop down list that allows you to choose the API method to invoke.

EPMS username

Enter the EPMS Connect username.

EPMS password

Enter the password for the EPMS Connect user.

SOAP XML

Use the EPMS connect server to get a sample of the XML to be used in the SOAP XML property.

http://<EPMS_Server name or IP address>/EnterpriseWebService/Service.asmx
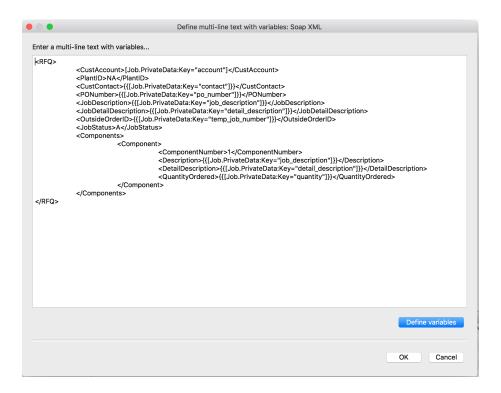
Select the method you want to implement.

Only select the XML within the operation node. The operation node is the node that matches the "operation" selected in the Operation Priperty. DO NOT include the XML before or after the operation node.

You can type in static values or you can use Switch variables. You can use a standard Switch variable.

<CustAccount>[Job.PrivateData:Key="account"]</CustAccount>

You can also "check" the value. To do that wrap the value in curly braces.

For example:

<CustAccount>{{[Job.PrivateData:Key="contact"]}}</CustAccount>

When checking the value, the value will be inspected for invalid XML characters. If the value contains one of the values &, <, > or ", the job will "fail" the XML check. Depending on the Opeion selected in the "on fail XML check", the job will either be sent to the Problem jobs folder, or sent to the Error outgoing folder.

```
●  ●  ●                    Define multi-line text with variables: Soap XML

Enter a multi-line text with variables...

<RFQ>
        <CustAccount>[Job.PrivateData:Key="account"]</CustAccount>
        <PlantID>NA</PlantID>
        <CustContact>{{[Job.PrivateData:Key="contact"]}}</CustContact>
        <PONumber>{{[Job.PrivateData:Key="po_number"]}}</PONumber>
        <JobDescription>{{[Job.PrivateData:Key="job_description"]}}</JobDescription>
        <JobDetailDescription>{{[Job.PrivateData:Key="detail_description"]}}</JobDetailDescription>
        <OutsideOrderID>{{[Job.PrivateData:Key="temp_job_number"]}}</OutsideOrderID>
        <JobStatus>A</JobStatus>
        <Components>
                <Component>
                        <ComponentNumber>1</ComponentNumber>
                        <Description>{{[Job.PrivateData:Key="job_description"]}}</Description>
                        <DetailDescription>{{[Job.PrivateData:Key="detail_description"]}}</DetailDescription>
                        <QuantityOrdered>{{[Job.PrivateData:Key="quantity"]}}</QuantityOrdered>
                </Component>
        </Components>
</RFQ>



                                                           [ Define variables ]


                                                    [ OK ]   [ Cancel ]
```

Advanced Properties

    Replace ampersand Yes/No

    Replace ampersand with…

        Select the character(s) to replace the ampersand character

    On fail XML check

      Send to problem jobs folder.

        The job will "fail" (i.e. the job file will not go to any outgoing data connector)

        Detailed information will be logged to the messages.

        The API method will not be called and no response will be generated.

      Send to error outgoing connector.

        The job will go to the error data connector.

        Detailed information will be logged to the messages.

        The API method will not be called and no response will be generated.

    Debug on

        Additional information will be logged to the messages.

Here is an example of a flow.