



# OPERATOR INTERFACE PRODUCTS APPLICATION NOTE

Subject: Scaling for SSWIN

AN# 1083A

Date: August 10, 1998

Name: Shiu Moy

Page: 1 of 1

Description: Scaling example

Assign two tag names to two internal registers:

<u>Tag Name</u>	<u>Internal Register</u>
<b>InputValue</b>	<b>#30</b>
<b>ScaleOut</b>	<b>#31</b>

Create an expression with following entries:

<u>Tag Name</u>	<u>Expression</u>
<b>ScaleIn</b>	<b>InputValue*100</b>
<b>InputValueFlag</b>	<b>ScaleIn!=ScaleOut</b>

Assign a tag name to an internal or PLC register.

<u>Tag Name</u>	<u>Internal Register</u>
<b>ScaledRegister</b>	<b>#32</b>

Create a recipe called **RECIPE1**. The ScaleIn to ScaleOut assignment will reset the InputValueFlag.

<u>Destination Tag Name</u>	<u>Source Tag Name</u>
<b>ScaleOut</b>	<b>ScaleIn</b>
<b>ScaledRegister</b>	<b>ScaleOut</b>

Create an Event/Action for the screen where the scaling function will take place.

<b>Event:</b> Condition Is True	<b>Action:</b> Load Recipe
<b>Tag Name:</b> InputValueFlag	<b>Recipe Name:</b> RECIPE1

Create a data entry object with the tag name **InputValue**.