ABB MEASUREMENT & ANALYTICS | How To

FlowX & Flow-Xpress

Output window errors and corrections

Measurement made easy

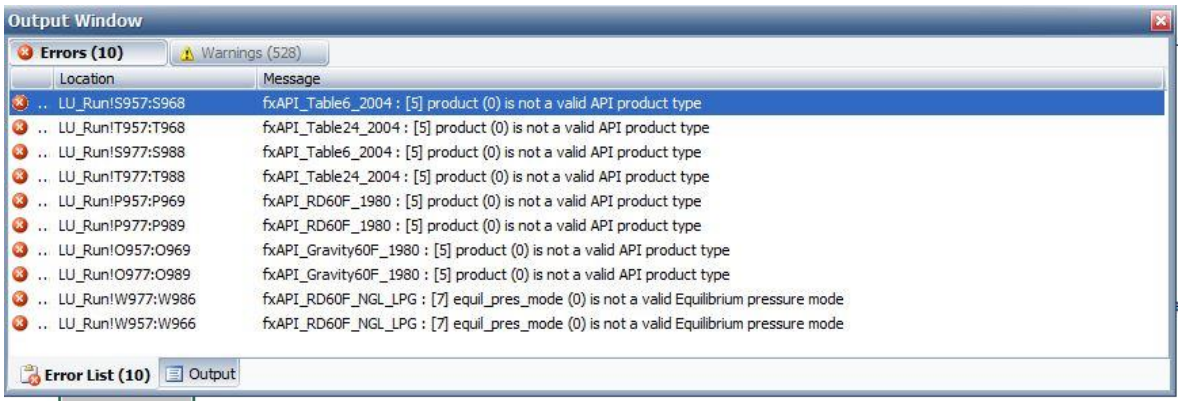
Issue

In 2013 Flow-Xpress was updated with new enhancements. As a result, when an application that was developed using older versions of Flow-Xpress are opened in newer versions of Flow-Xpress, Output window errors may generate requiring the user to correct the application before it can be uploaded.

For more information

Contact Support
totalflowsupport@us.abb.com or
Phone 800-442-3097 (US)

Output window errors



The following errors may be generated:

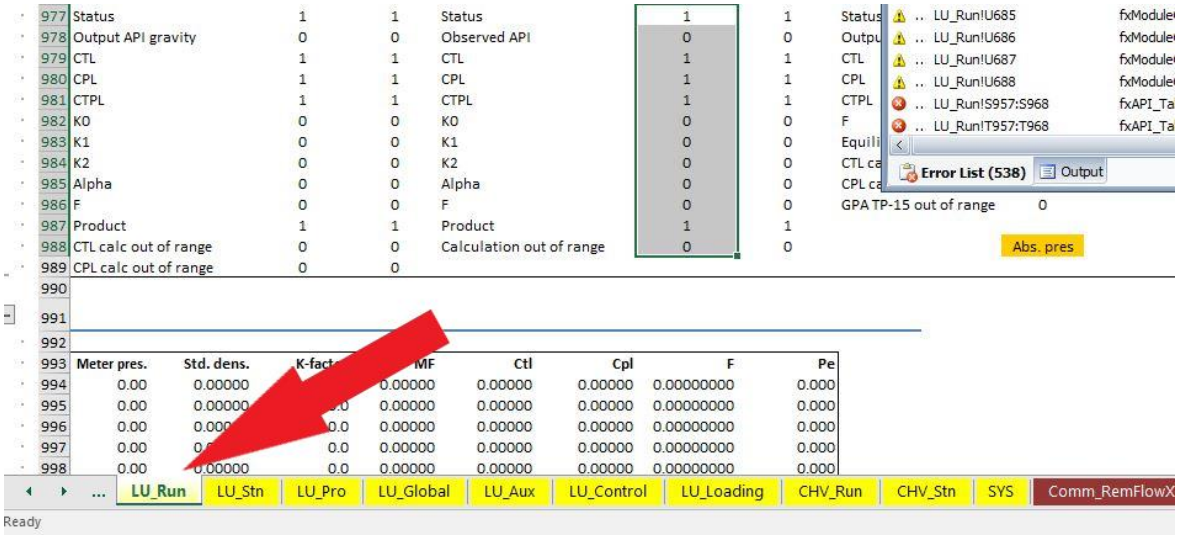
- **fxAPI_Table6_2004 : [5] product (0) is not a valid API product type**
- **fxAPI_Table24_2004 : [5] product (0) is not a valid API product type**
- **fxAPI_Table6_2004 : [5] product (0) is not a valid API product type**
- **fxAPI_Table24_2004 : [5] product (0) is not a valid API product type**
- **fxAPI_RD60F_1980 : [5] product (0) is not a valid API product type**
- **fxAPI_Gravity60F_1980 : [5] product (0) is not a valid API product type**
- **fxAPI_RD60F_1980 : [5] product (0) is not a valid API product type**
- **fxAPI_Gravity60F_1980 : [5] product (0) is not a valid API product type**
- **fxAPI_RD60F_NGL_LPG : [7] equil_pres_mode (0) is not a valid Equilibrium pressure mode**
- **xAPI_RD60F_NGL_LPG : [7] equil_pres_mode (0) is not a valid Equilibrium pressure mode**

Why are the errors being generated?

These errors are not due to an issue with the API algorithms used in previous versions of Flow-Xpress. The errors are generated in the section of the application that recalculates a historical batch. By default, the API product type and Equilibrium vapor pressure were allowed to be set to initial value of 0. This is no longer allowed in the application and Flow-Xpress will generate the errors when opening and compiling the application.

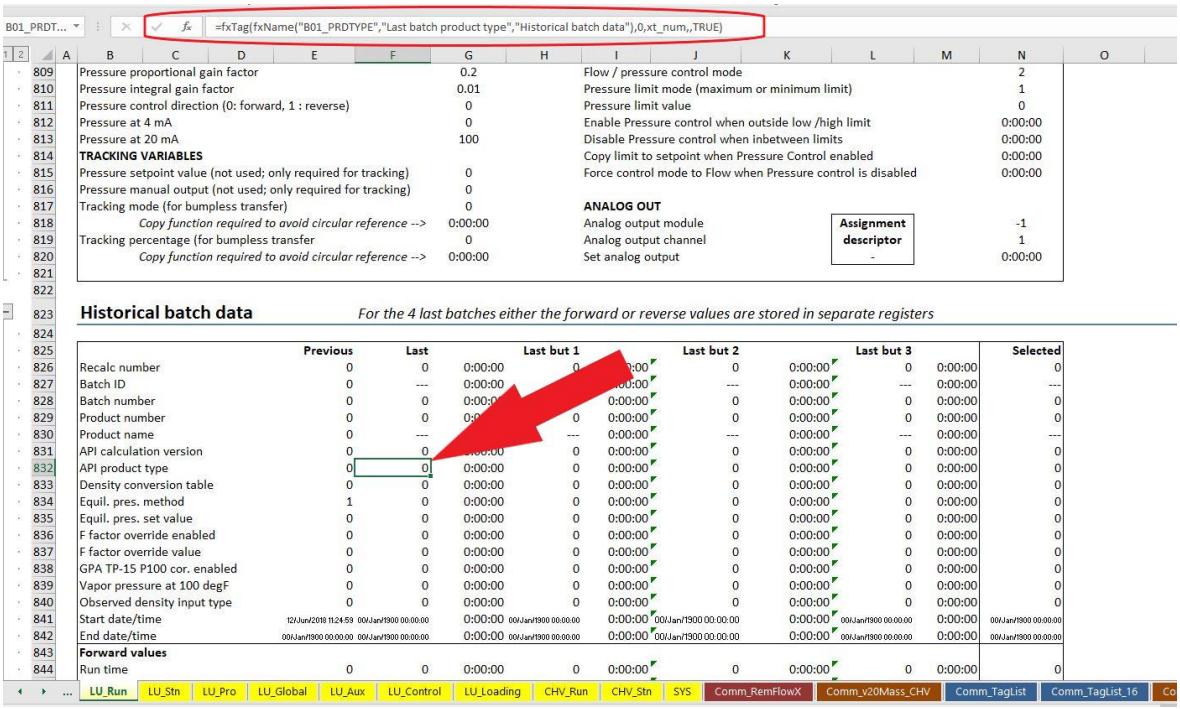
Correction

- **Open the application using Flow-Xpress and enter the “Professional Mode”**
- **Select the LU_RUN yellow tab sheet.**



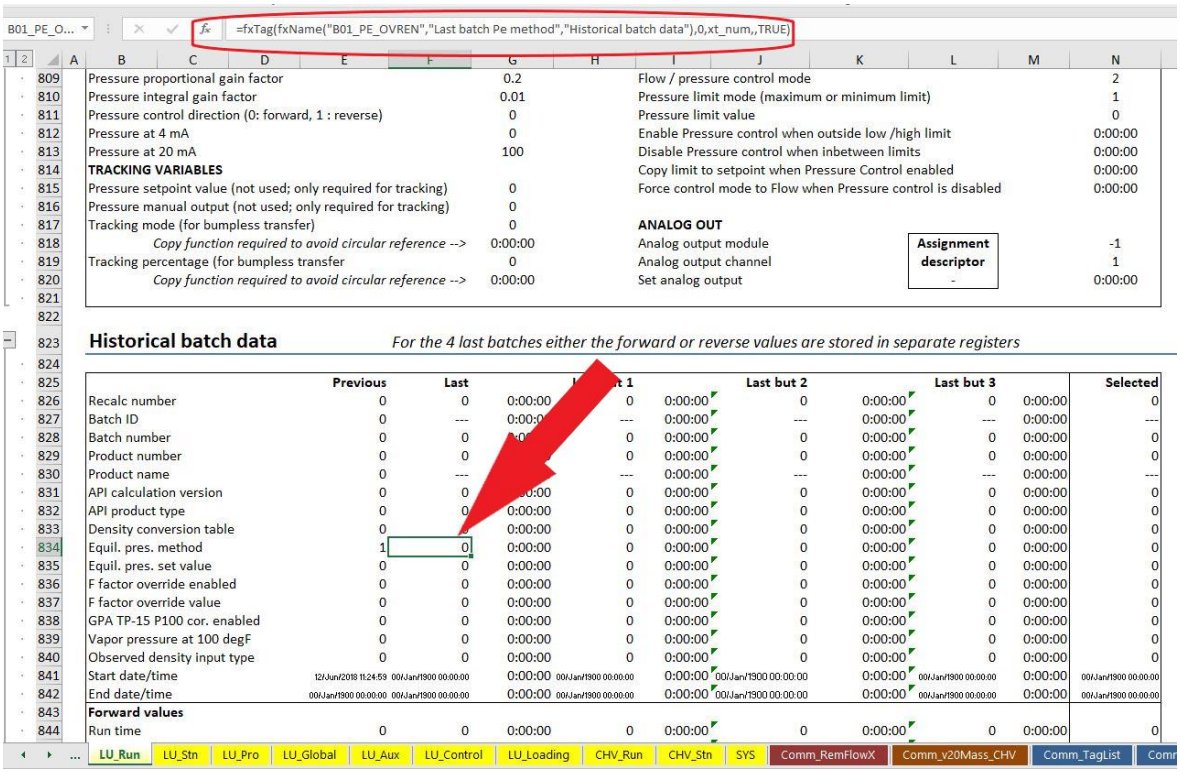
Step 1

- **Select Cell F832 on the worksheet.**
- **It will contain the formula “=fxTag(fxName("B01_PRDTYPE","Last batch product type","Historical batch data"),0,xt_num,,TRUE)**
- **Change the number in the formula from “),0,xt_num” to ,”)1,xt_num”**
- **The formula should now read “=fxTag(fxName("B01_PRDTYPE","Last batch product type","Historical batch data"),1,xt_num,,TRUE)**



Step 2

- **Select Cell F834 on the worksheet.**
- **=fxTag(fxName("B01_PE_OVREN","Last batch Pe method","Historical batch data"),0,xt_num,,TRUE)**
- **Change the number in the formula from “),0,xt_num” to ,”)1,xt_num”**
- **The formula should now read =fxTag(fxName("B01_PE_OVREN","Last batch Pe method","Historical batch data"),1,xt_num,,TRUE)**



Step 3

- **Compile the application.**
- **All errors should now be resolved and the application can be loaded to the FlowX.**

If this does not correct the issues, please contact ABB for assistance.

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