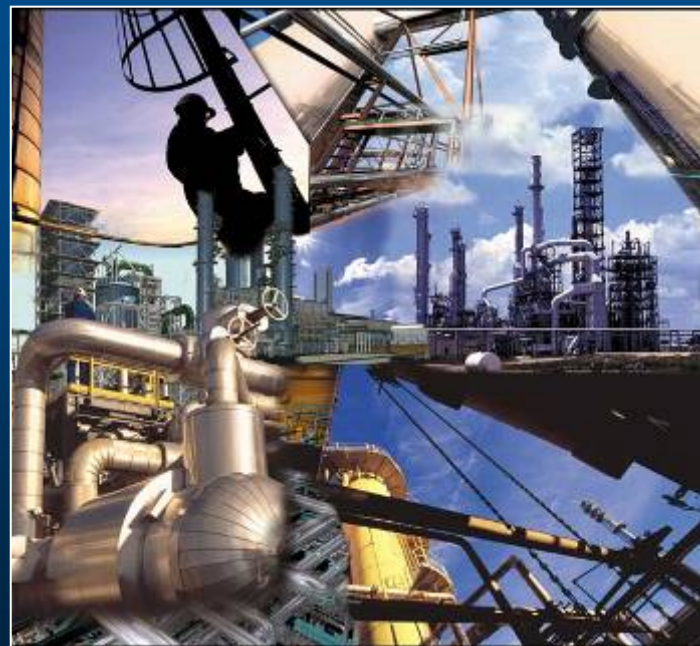


SmartPlant Instrumentation CR RANKING



By Dennis Cooley & John Dressel

Key Ranking Date: September 30th for SmartPlant Instrumentation

Legend: BLACK CR = Not yet Ranked or Responded to by Intergraph

RED CR = Intergraph Indicates a Fix or Pending Inclusion

BLUE CR = Intergraph Indicates Open CR to be evaluated

- 1 CR-115368 (New Ranking)
 - Rule Manager - Not all properties in the browsers appear to be listed in the drop downs in the Rule manager configuration - Left Terminal, Left Terminal Color are two relevant ones. Its a trivial one but getting full access to all the properties that are displayed on the Properties Sheets is essential if user control to these fields is to be achieved.

- 2 CR-27902 (Being studied for inclusion in Next Major Release) #1 in 2009
 - Separation of access rights for Index Supporting Tables. As an extension to this line of thought there should be separation of access rights for "Mfr / Model" and "Index Supporting Tables"

- 3 CR-29290 (No Response) #5 in 2009
 - When the Workflow flag is set to \"Lock out from Process\" no one can print the Process Data Sheet including the DBA with Full Access to everything. All users (instrumentation and process) should be able to print when the flag is set to \"Lock out from Process\", only editing of the process data should be locked out.

- 4 CR-61419 (New Ranking)
 - The merging and claiming process needs to handle the General Signal. Without this functionality being built in. The merging and claiming process could result in lost signals in the target location e.g. As-Built section. This is a data integrity requirement

- 5 CR-84402 (New Ranking)
 - With Unit Copy what ever is in the Source Unit is copied to the New Unit and most tagged objects are re named according to the defined naming conventions. However the Document Numbers are not updated at both Loop and Instrument level (Spec Sheets and ESL). To do this the loop/instrument has to selected, the properties sheet opened and the 'Update Document number' check box selected. We would like the document names to be automatically updated during the Unit Copy process as per the other objects.

- 6 CR-59333 (No Response) #12 in 2009
 - With regards to the Access rights copy; it would be nice to be able to copy Access rights from one Source unit to All Target units. This option does not currently exist.

- 7 CR-96568 (Reports Open) #4 in 2009
 - In the Enhanced Report Utility, I can save SmartText (save custom changes -> this dwg only). But Text Boxes, clouds, curved lines do not save. Even with the stuff that does save sometimes you have to attach redlining, and other times you don't. There is no documentation on what will save and what won't.

- 8 CR-72770 (Planned for Next Major Release) #2 in 2009
 - Reference Entity Access Rights; the 'Plant Hierarchy Management', 'Reference Cable Management' and 'Reference Panel Management' entities need to be on FULL in order for the user to access and use all Wiring Entities. Should be able to set SPI so that users can USE reference entities, but not edit/add/delete them.

- 9 CR-78746 (Fixed in SPI-2009 HF-1) #3 in 2009
 - Domain Explorer Filters Need to be easier to use: The errors reported in this case relate to the filter functions for the "Wiring Module Explorer" and the "Domain Explorer". Further I am limiting this report to Entity Type "Junction Boxes (Generic)". Wiring Module Explorer: Opening the filter window, SPI does not remember my previously entered filter. If the filter definition has more than one item in the list, I can not delete the first item without losing all filter definition lines.
 - **TR-78746** - Now when creating complex filters with multiple arguments, deleting the first argument no longer deletes the remaining arguments.

- 10 CR-96479 (New Ranking)
 - Separate ESL access rights: designers must have '\full\' access to the Enhanced Report Utility because they need to '\save custom changes\', save smarttext and save redlining on their drawings. However, these basic access rights means that they can also add/edit/delete macros ALWAYS FOR ALL DRAWINGS ASSIGNED TO THAT LAYOUT. They should not have the ability to add/edit/delete macros for layouts, but should have access only for their specific drawing!

- 11 CR-64932 (No Response) #9 in 2009
 - Currently there is a need to use Dwg UDFs for Notes on SmartPlant Reports except Loops. These UDFs are too short 20 chars. A drawing notes field needs to added that could be used on SmartPlant Reports

- 12 CR-123456 (Bogus CR Number)
 - Need inactive SmartPlant Instrumentation sessions to timeout and have those seats returned to available for other users.

- 13 CR-63919 (No Response) #17 in 2009
 - The display window in the Spec data dictionary report order column, is not practical. In order to move columns into a specific order this becomes an all day event. A larger window or split window functionality would be a great help

- 14 CR-93400 (New Ranking)
 - Splitting a JB strip onto two pages – In an Enhanced Panel Strip Report with 90 terminals - 85 terminals are on Sheet 1 and 5 terminals are on sheet 2. We should be able to split strips with 45 terminals on each page

- 15 CR-85568 (No Response) #16 in 2009
 - Copy User Preferences To All Projects - All of our Project setting are identical... this means when one changes they must all change

- 16 CR-86045 (New Ranking)
 - The terminal type bitmap that I have assigned appears to be propagating to the adjacent entities; bitmaps show on my adjacent connection terminals yet I have not specified a terminal type for them.

- 17 CR-96361 (New Ranking)
 - Enhanced Reports - Shields appear to anchor in a specific position. The individual shields are anchored outside of the wires and the OS coming up from the bottom of the middle strip is anchored next to the cable sets. Users can move the SHLD bars around but cannot touch the shield wires. See attachment for shots and details.

- 18 CR-66836 (New Ranking)
 - Revision Management needs to be added to the application.

- 19 CR-69174 (New Ranking)
 - Data Dictionary Access Rights There are no access right entities available to control the usage of the Data Dictionary. I think the whole feature should be blockable and users should not be able to format a DD and load it into the Browser Module unless they have explicitly been given the rights.

- 20 CR-66842 (New Ranking)
 - A revision should be unique for a document across the entire domain including projects.

- 21 CR-60676 (Reports Open) #7 in 2009
 - When applying Revisions to a Instrument Index Standard Browse Report, the Revision Description does not appear in the header of the Report with the other Revision information

- 22 CR-65997 (New Ranking)
 - Allowing duplicate line numbers in SPI When a pipe run in SP PID has multiple segments, with the same names, is published to SPI a line is created for each segment. When naming the lines in SPI a random six digit number is added onto the end of the name to distinguish between the segments. Can the unique field be added to the database and allow multiple lines in SPI with the same tag? SP PID: (2 segments in a single piperun) 12\"-SN-426-1C0100-P 12\"-SN-426-1C0100-P
SPI: (2 lines) 12\"-SN-426-1C0100-P 12\"-SN-426-1C0100-P(171525)

- 23 CR-35064 (Reports Open) #11 in 2009
 - Provide a line number naming convention per the below structure: Line Numbers are typically made up of different segments. In the case of Syncrude the line number is made up of a Plant, Train, Commodity, Number, Size, and Class. The Plant and Train number that make up the line number should come from either the Plant, Area or Unit fields. The Commodity codes should be a dropdown selection field. Users should not be permitted to deviate from the available selection. The Number should be strictly numeric. The pipe class a.k.a. pipe spec. must be a dropdown selection. The user should not be able to deviate from the available selections. Legacy commodity codes and pipe classes should be permitted but not available for new line number creation.

- 24 CR-91782 (Not Available) #13 in 2009
 - The “changes_log” table doesn't record any revision updates/adds/deletes. It should as it is critical to understand what is happening to the historical archives associated to the revisions

- 25 CR-70803 (New Ranking)
 - Alarm & Trip Fields in General PD Browser In the Browser Module - Process Data & Calc Browsers, there are Alarm and Trip fields for Pressure, Temp, Level, Control Valve, Relief Valve, Flow and Analyzer. There are NO Alarm or Trip fields for the 'General' process function. With the new functionality using General datasheets in version 7 there should be Alarm and Trip fields available for General type tags.

- 26 CR-45960 (Not Available) #6 in 2009
 - Allow Multiple Profiles for Each Instrument Type Currently SPI requires users to create an Instrument Type for each different profile or make changes after creation of items associated with the profile. Wiring Profiles would benefit the most from multiple profiles because changing wiring items already created can be particular cumbersome. However, it would be beneficial for other fields and items as well.

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- 27 CR-65701 (Not Available) #14 in 2009
 - Modify the browser filter definition to allow the use of parentheses "(") to provide greater flexibility in filter definitions and improve their readability.

 - 28 CR-68118 (Not Available) #18 in 2009
 - My database is getting large so I was wondering; Is there an SQL statement or script I can run to remove archived datasheets and/or other reports from the database?

 - 29 CR-52407 (Reports Open) #8 in 2009
 - If you resize a redlining symbol the scaling is not saved when you use the 'Save Custom Changes' Command

 - 30 CR-72536 (New Ranking)
 - Spec Sheets: Barometric Pressure Customer would like to add Barometric Pressure and it's units to their custom spec sheets, but they are not available.

- 31 CR-69670 (Not Available) #20 in 2009
 - PD Cases Cannot be Disabled In the Process Module, once the Case functionality is enabled for a Tag there is no option for disabling the Case.

- 32 CR-63921 (Not Available) #15 in 2009
 - Consider providing a field (similar to Internal Loop Order) that determines the order in which the tags are placed on a Enhanced Fieldbus Segment Wiring Diagram. This would help avoid having to manually re-position tags, then Save Position on each drawing individually


- 33 CR-87347 (New Ranking)
 - User would like to sort DDDW in custom browser by name rather than ID. (Example below for cmpnt_name) DDDW SQL: SELECT CMPNT_NAME, CMPNT_ID FROM COMPONENT ORDER BY CMPNT_NAME ASC
custom browser SQL: SELECT cst.cs_tag_name, cst.cmpnt_id, cst.cs_tag_id FROM control_system_tag cst

- 34 CR-74262 (New Ranking)
 - Need to add a field - combo or text field - allowing to display instrument criticality from the instrument index into the Spec sheet.

- 35 CR-71994 (Not Available) #10 in 2009
 - The font on the 'loop drawing reference' macro and the 'Control System macro' are not linked to the Font Size in User Preferences (for any Enhanced Reports). Current workaround: to change these, you must change the default symbols for them

- 36 CR-65208 (Agree To Implement) #19 in 2009
 - Segment Validation Report not working if an internal terminator is in the power supply instead of the I/O card.

- <http://www.sptuf.com/>



The screenshot shows the homepage of the Technical User Forum. At the top left is the logo "TECHNICAL USER FORUM". At the top right, it says "Not logged in. Click [here](#) to login or register." Below this is a navigation menu with items: Home, Meeting Minutes, Contacts, Search, Key Ranking Dates, About, My Profile/CRs, and Login. On the left side, there is a vertical list of sub-forums, each with a small icon and a plus sign: TUF SmartPlant Instrumentation®, TUF SmartPlant Electrical®, TUF SmartPlant 3D®, TUF SmartPlant Materials®, TUF SmartPlant P&ID®, Intergraph PPM, Houston SPI LTUF, PP&M UK User Community, and Global SPI LTUF. The main content area features the heading "TECHNICAL USER FORUM Change Request Ranking Website" followed by a paragraph: "Welcome to the Technical User Forum (TUF) website. This site is designed to enable the Intergraph® User Community to put forward Change Requests (CR's). Once a CR has been submitted, it undergoes peer review by the entire user community. Intergraph® will provide responses to all highly Ranked CR's." Below this is another paragraph: "Now's your chance. Join the team, put forward your ideas and let's **Make Change Happen!!**"

