



**SMARTPLANT IDEAS DELIVER INNOVATION**

Presented by: Dennis Cooley

Feb 13, 2018

# SMARTPLANT IDEAS DELIVER INNOVATION

## PRESENTATION SUMMARY

- When Is Innovation Needed
- Steward To Values
- SmartPlant Idea Ranking Websites
- SmartPlant Community
- How The Ranking Websites Work
- Shaping Change – Submit Your Ideas
- Blog Your Opinion On The Ideas
- Ranking Websites Deliver Innovation



# WHEN IS INNOVATION IS NEEDED

SOMETIMES THE NEED IS CLEAR

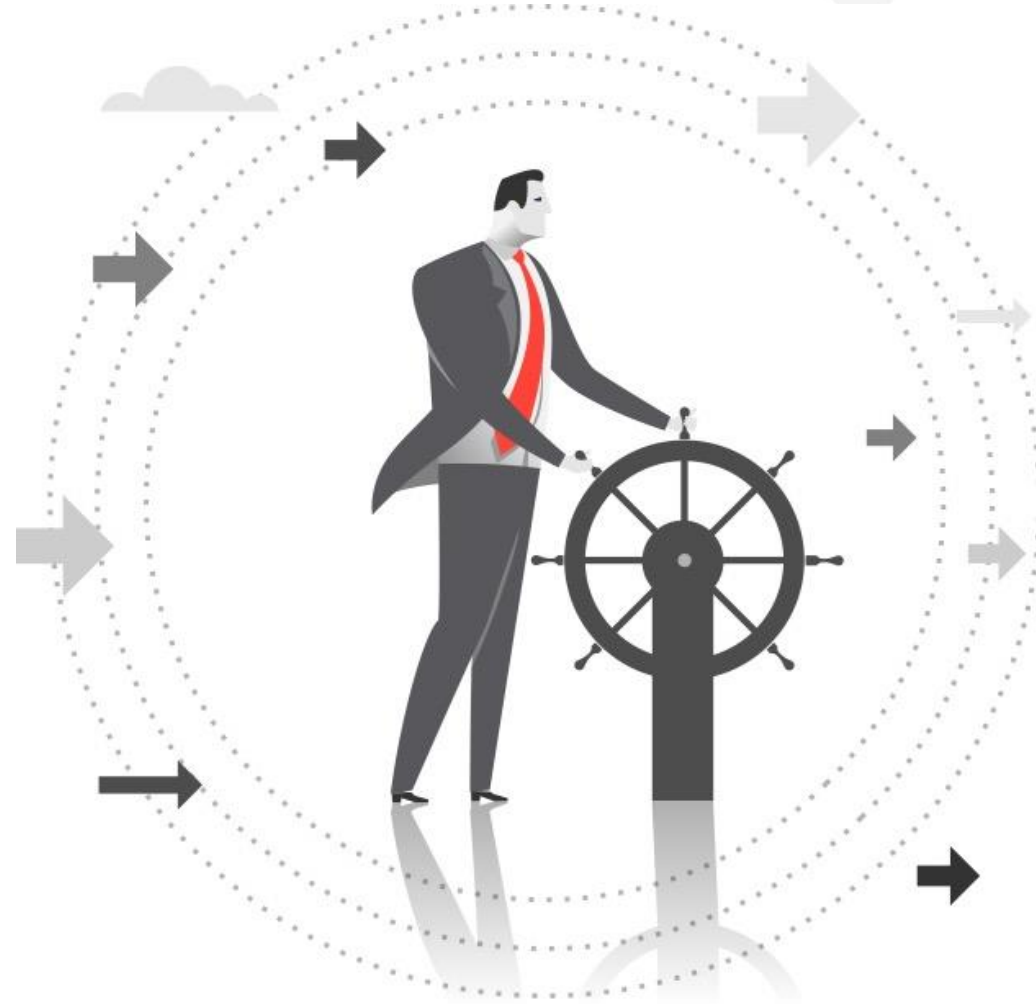
SOMETIMES THE SOLUTION IS CLEAR



# INNOVATION HELPS US STEWARD

## STEWARD TO CORE VALUES

- Protect our data
- Access to the right information
- Good Performance
- Revision Management / History Tracking



# SMARTPLANT WEBSITES OPEN TO MULTIPLE COMMUNITIES

www.sptuf.com

The screenshot shows the homepage of the Technical User Forum (TUF) website. At the top, there is a navigation bar with links for Home, Meeting Minutes, Activity, Contacts, Search, Ranking Dates, About, My Profile / Ideas, and Login. The main content area is divided into several sections:

- Links:** A vertical list of links to various TUF SmartPlant communities: Electrical®, 3D®, Materials®, P&ID®, Foundation®, Intergraph PPM, Houston SPI LTUF, Houston SPF LTUF, PP&M UK User Community, and Global SPI LTUF.
- TECHNICAL USER FORUM Change Request Ranking Website:** A section with a welcome message and a call to action: "Now's your chance. Join the team, put forward your ideas and let's Make Change Happen!!".
- Next Meeting:** A yellow banner announcing "Next Meeting: July 20, 2016 - Web Meeting".
- This Months Top 5 Ideas:** A table listing the top 5 ideas submitted, including their ID#, description, ranking, and intergraph comment.

ID#	Idea	Ranking	Intergraph Comment
CR# PB-85363	When a tag number is updated by running an update task in the to do list, the instrument specific...	9.4	
TR# 123371	ESL losing position during merge of tags (that not related to unit). When merge instruments some ...	8.5	
CR# PB-114340	In the Index Module, right click the Tag, select \"Tag Number Activities\" then click \"Associate...	8.5	
CR# 29290	When the Workflow flag is set to \"Lock out from Process\" no one can print the Process Data Shee...	8.28	Agree To Implement
CR# 27902	Separation of access rights for Index Supporting Tables; Instrument Type. Also Typical Lo...	8.25	Complete

This screenshot shows a close-up of the 'Links' section from the previous image. A red rectangular box highlights the top five links: TUF SmartPlant Electrical®, TUF SmartPlant 3D®, TUF SmartPlant Materials®, TUF SmartPlant P&ID®, and TUF SmartPlant Foundation®. Below this box, the link for 'Houston SPI LTUF' is highlighted with a red arrow pointing to it from a pink cloud-shaped callout that says 'Check It Out'.

# SMARTPLANT COMMUNITY

[www.sptuf.com](http://www.sptuf.com)



TECHNICAL USER FORUM



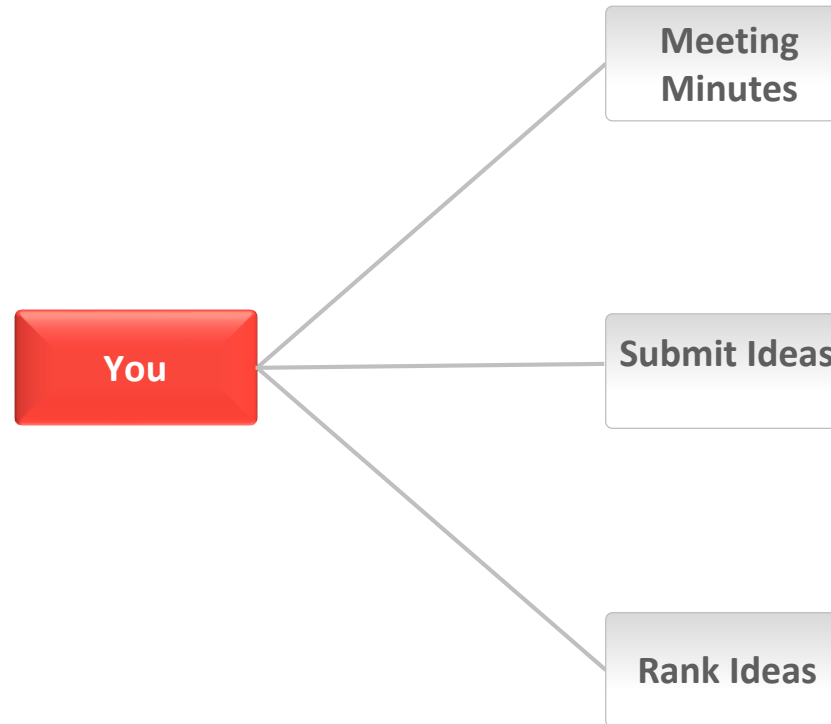
# THIS IS WHERE THE “SMART” PEOPLE EXCHANGE IDEAS

[www.sptuf.com](http://www.sptuf.com)

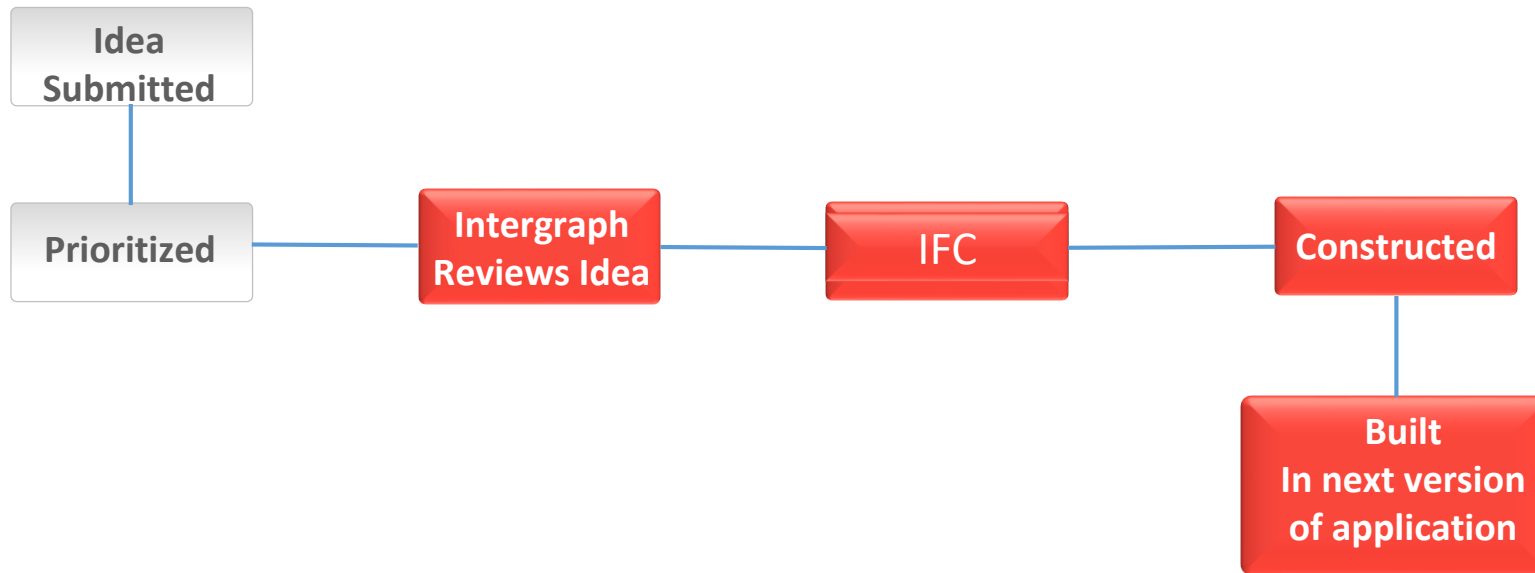
## WEBSITE COVERAGE INCLUDES

- Meeting Minutes
- Idea Rankings
- Community Idea Sharing

TECHNICAL USER FORUM



# INTERGRAPH BUILDS YOUR GREAT IDEAS



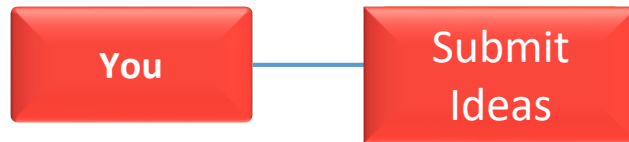
[www.sptuf.com](http://www.sptuf.com)



# INTERGRAPH BUILDS YOUR GREAT IDEAS

[www.sptuf.com](http://www.sptuf.com)

- Submit / Add Your Idea



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**Take The Vote!**  
Proceed through ranking all the ideas that are relevant to you. [Start Ranking](#)

**Idea Summary**  
A printable list of all relevant ideas. This can be helpful as an overview. [Printable Summary](#)

**Your Preferences**  
Set which ideas will be displayed in the rankings and your printable summary. [Adjust Preferences](#)

**Visit A Specific Idea**  
Enter the specific ID# or CR# on the right.  [Go](#)

**Your Ideas (0)**  
A list of all ideas you have submitted into the system. [View Your Ideas](#)

**Add New Idea**  
Obtain a CR number from Intergraph and add the idea into the Ranking System. [Add Your Idea](#)

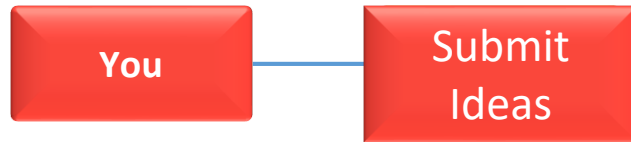
**User Profile**  
Adjust your account profile. [Account Profile](#)

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# ALL IDEAS ARE WELCOME

Fast and easy to fill in form!



Home Meeting Minutes Activity Contacts Search Ranking Dates About **My Profile / Ideas** Login

**Capture Your Idea**  
Fill in the data below to add the idea into the system for ranking.

**Official CR Number**  
Enter the customer request number you received from Intergraph.

**TR Number**  
Enter the trouble report number you received from Intergraph.

**Wishlist Number**  
Will be auto-generated if no CR or TR number is entered when submitting the idea.

**SR Number (Optional)**  
Enter the service request number you received from Intergraph.

**Idea**  
You can use bold, italics, underlines etc. by using simple HTML code for formatting, such as such as `<b>bold</b>`, `<i>italic</i>`, or `<u>underlined</u>` text. Note that these code commands will not display the changes to the text until you submit the idea into the system for Ranking.

**Associated Files**  
Once your idea is submitted, you will have the chance to attach as many files to this particular idea. Anybody viewing the idea will be able to download and view these files. To attach a file, in the "My Profile" tab, click on "View your Ideas" then click on the idea you would like to attach the file to. Under the "Associated Document" section, you will be able to upload one file at a time. These files need to be approved by the site administrator, so they will **not** be available for download immediately.

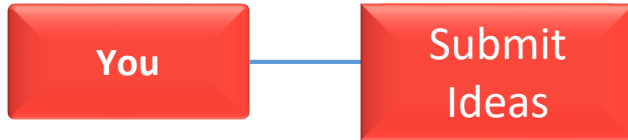
**Applications**  
Check the applications your idea applies to at right.  SmartPlant Foundation®

**Business Drivers**

<input type="checkbox"/> Critical for Operations	<input type="checkbox"/> Promotes better Safety
<input type="checkbox"/> Promotes better Maintenance	<input type="checkbox"/> Promotes better As-Building
<input type="checkbox"/> Promotes better Construction	<input type="checkbox"/> Promotes better Design
<input type="checkbox"/> Promotes better Quality Deliverables	<input type="checkbox"/> Greater efficiencies will be introduced e.g. streamlined workflows
<input type="checkbox"/> Greater client satisfaction with application / removes some frustration points	<input type="checkbox"/> Provides opportunity for growth into new industry/markets

# ALL IDEAS ARE WELCOME

Fast and easy to fill in form!



## SmartPlant Instrumentation®

### Version

What is the most current version of the application your company is using?

Check the options you are interested in.

### Modes

- Engineering  Operating Owner

### Modules

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Administration          | <input type="checkbox"/> Browser                 | <input type="checkbox"/> Calculation     |
| <input type="checkbox"/> Engineering Data Editor | <input type="checkbox"/> Dimensional Data Piping | <input type="checkbox"/> Document Binder |
| <input type="checkbox"/> Hook-Up                 | <input type="checkbox"/> Import                  | <input type="checkbox"/> Index           |
| <input type="checkbox"/> Instrument Datasheet    | <input type="checkbox"/> Loop                    | <input type="checkbox"/> Query Builder   |
| <input type="checkbox"/> Process                 | <input type="checkbox"/> Wiring                  |  |

### Functions

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Other Module      | <input type="checkbox"/> Access Rights        | <input type="checkbox"/> Enhanced Reports          |
| <input type="checkbox"/> FF/Profibus       | <input type="checkbox"/> Interface (e.g. DCS) | <input type="checkbox"/> Merger External Databases |
| <input type="checkbox"/> O/O Claiming      | <input type="checkbox"/> O/O Merging          | <input type="checkbox"/> Preferences               |
| <input type="checkbox"/> Report Management | <input type="checkbox"/> Revision Management  | <input type="checkbox"/> Naming Convention         |
| <input type="checkbox"/> Other Function    |   |  |

### Integration / Data Management

- Integrated Mode (Publish & Retrieve)  Non Integrated (Manual)

### Integration (Publish & Retrieve)

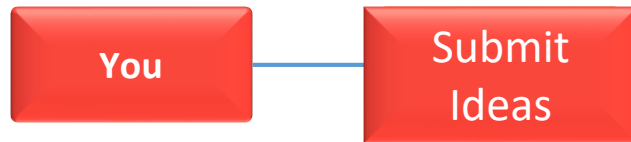
- |  |  |   |
|--|--|---|
| <input type="checkbox"/> SmartPlant 3D                 | <input type="checkbox"/> SmartPlant Construction | <input type="checkbox"/> SmartPlant Electrical    |
| <input type="checkbox"/> SmartPlant Instrumentation    | <input type="checkbox"/> SmartPlant Marine 3D    | <input type="checkbox"/> SmartPlant Materials     |
| <input type="checkbox"/> SmartPlant P&ID               | <input type="checkbox"/> SmartPlant PDS          | <input type="checkbox"/> Other SmartPlant Product |
| <input type="checkbox"/> Revision / Version Management |  |   |

### Integration (Manual Export / Import / Ideal)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> 3rd Party Applications  | <input type="checkbox"/> Ideal                    | <input type="checkbox"/> SmartPlant 3D              |
| <input type="checkbox"/> SmartPlant Construction | <input type="checkbox"/> SmartPlant Electrical    | <input type="checkbox"/> SmartPlant Instrumentation |
| <input type="checkbox"/> SmartPlant Marine 3D    | <input type="checkbox"/> SmartPlant Materials     | <input type="checkbox"/> SmartPlant P&ID            |
| <input type="checkbox"/> SmartPlant PDS          | <input type="checkbox"/> Other SmartPlant Product |   |

# RANKING TABULATION IS AUTOMATED

## Quickly Understand Rankings



# PRIORITIZE YOUR RANKINGS

Fast and easy to rank ideas!



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**SmartPlant Instrumentation®**


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Viewing Idea # 210  
Rank and comment this idea below. This is idea 9 out of 10 ideas on your rank list. To return to this idea, use ID number 210. [Printable Summary](#)

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Change Request Number: 146442  
Trouble Report Number:  
Wishlist Number:  
Service Request Number: 1-404176924  
Intergraph Status: Not Available

 **Liam Webster from Fluor Canada suggested:**  
Recommend simplifying SPI access rights as per attached presentation.

**Identified Business Opportunities:**  
Promotes better Design  
Greater efficiencies will be introduced e.g. streamlined workflows  
Greater client satisfaction with application / removes some frustration points

Impacted SmartPlant Instrumentation® Modules/Functions	
Administration	Access Rights <input type="checkbox"/>

Impacted SmartPlant Instrumentation® Modes	
Engineering	Operating Owner <input type="checkbox"/>


→ **Your Opinion:**  Strongly Agree (10/10)  Agree  Consider  Disagree  Abstain


**Associated Documents**

1) [SPI Access Rights.pdf](#): Recommendations to Simplify SPI Access Rights


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Any additional comments? Add your comment to the box below.

 **John Dressel from Fluor Houston Replied:**  
*Great Idea!*



Join The Discussion  
*Click to save your comments.* [Submit Your Comment](#)

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# YOUR PARTICIPATION IS KEY

Make a difference!

## Viewing Idea # 222

Rank and comment this idea below. This is idea 131 out of 130 ideas on your rank list. To return to this idea, use ID number 222.

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Change Request Number:

Trouble Report Number:

Wishlist Number:

Service Request Number: 1-972315521

Intergraph Status: Not Available



**Gil Atienza from CoSyn Technology suggested:**

Merging a project in v2016 SP1 required four days, the same project merged in v2009 SP4 HF27 required seven hours

### Identified Business Opportunities:

Greater client satisfaction with application / removes some frustration points

**Your Opinion:**  Strongly Agree (10/10)  Agree  Consider  Disagree  Abstain

### Associated Documents

1) [Syn crude - ProjMergeTestSP1v2016SP1.docx](#)

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Any additional comments? Add your comment to the box below.

# YOUR PARTICIPATION IS KEY

Make a difference!

## Viewing Idea # 221

Rank and comment this idea below. This is idea 131 out of 130 ideas on your rank list. To return to this idea, use ID number 221.

[Printable Summary](#)

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Change Request Number:

Trouble Report Number:

Wishlist Number:

Service Request Number: 1-973967291

Intergraph Status: Not Available



**Gil Atienza from CoSyn Technology suggested:**

In v2016 SP1 in As-built mode when selecting terminals the revision are not editable. The Panel Strip title block appears in the project however the existing revision are not displayed and new revisions cannot be added.

**Identified Business Opportunities:**

Critical for Operations

**Your Opinion:**  Strongly Agree (10/10)  Agree  Consider  Disagree  Abstain

## Associated Documents

No files currently associated with this idea.

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Any additional comments? Add your comment to the box below.

# YOUR PARTICIPATION IS KEY

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## Viewing Idea # 216

Rank and comment this idea below. This is idea 1 out of 111 ideas on your rank list. To return to this idea, use ID number 216.

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### Change Request Number:

Trouble Report Number: 1-919193511

### Wishlist Number:

Service Request Number: 1-919193511

Intergraph Status: Not Available



### John Dressel from Fluor Houston suggested:

#### Problem:

In SPI 2016 - None of the document naming conventions appear to work as defined in the Admin module. Failure was observed on Instrument Specs, Process Data Reports, Panel-Strip (old style), and Enhanced SmartLoop.

#### Impact:

No way to have SPI 2016 Drawings automatically created with the proper names as defined in the Administration module

#### Correction/Workaround:

Apparently the only workaround is to manually rename each individual drawing.

### Identified Business Opportunities:

Critical for Operations

### Additional comments on Drivers and Incentives:

Intergraph indicates it is scheduled for fix in SPI 2018.

Impacted SmartPlant Instrumentation® Modules/Functions			
Administration	Calculation	Instrument Datasheet	Loop
Process	Wiring	Naming Convention	
Impacted SmartPlant Instrumentation® Modes			
Engineering			

**Your Opinion:**  Strongly Agree (5/10)  Agree  Consider  Disagree  Abstain



# YOUR PARTICIPATION IS KEY

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## Viewing Idea # 216

Rank and comment this idea below. This is idea 1 out of 111 ideas on your rank list. To return to this idea, use ID number 216.

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[Next](#) [Last](#)

### Change Request Number:

Trouble Report Number: 1-919193511

### Wishlist Number:

Service Request Number: 1-919193511

Intergraph Status: Not Available



### John Dressel from Fluor Houston suggested:

#### Problem:

In SPI 2016 - None of the document naming conventions appear to work as defined in the Admin module. Failure was observed on Instrument Specs, Process Data Reports, Panel-Strip (old style), and Enhanced SmartLoop.

#### Impact:

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#### Correction/Workaround:

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### Identified Business Opportunities:

Critical for Operations

### Additional comments on Drivers and Incentives:

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Impacted SmartPlant Instrumentation® Modules/Functions			
Administration	Calculation	Instrument Datasheet	Loop
Process	Wiring	Naming Convention	
Impacted SmartPlant Instrumentation® Modes			
Engineering			

**Your Opinion:**  Strongly Agree (5/10)  Agree  Consider  Disagree  Abstain

# YOUR PARTICIPATION IS KEY

Make a difference!

## Viewing Idea # 217

Rank and comment this idea below. This is idea 112 out of 111 ideas on your rank list. To return to this idea, use ID number 217.

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Change Request Number:

Trouble Report Number:

Wishlist Number:

Service Request Number: 1-962119602

Intergraph Status: Not Available



**Gil Atienza from CoSyn Technology suggested:**

EDE Views

Problem: The EDE that are created within a Project are only available within that specific project.

Additional Problem: Designers are restricted to view only access in As-Built.

With this problem the designers will need to create EDE views in every project that they work in.

### Identified Business Opportunities:

Greater client satisfaction with application / removes some frustration points

**Your Opinion:**  Strongly Agree (6/10)  Agree  Consider  Disagree  Abstain

# YOUR PARTICIPATION IS KEY

Make a difference!

## Viewing Idea # 218

Rank and comment this idea below. This is idea 112 out of 111 ideas on your rank list. To return to this idea, use ID number 218.

[Printable Summary](#)

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**Change Request Number:**

**Trouble Report Number:**

**Wishlist Number:**

**Service Request Number:** 1-967992011

**Intergraph Status:** Not Available



**Perry han Boulos from Sargent & Lundt suggested:**

The Cable Segregation Level Select List is not Editable in SPI. We need to add more Value to the Select List.

**Identified Business Opportunities:**

Promotes better Design

**Your Opinion:**  Strongly Agree (7/10)  Agree  Consider  Disagree  Abstain

# YOUR PARTICIPATION IS KEY

Make a difference!

## Viewing Idea # 219

Rank and comment this idea below. This is idea 112 out of 111 ideas on your rank list. To return to this idea, use ID number 219.

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Change Request Number:

Trouble Report Number:

Wishlist Number:

Service Request Number: 1-969850801

Intergraph Status: Not Available



**Perry han Boulos from Sargent & Lundt suggested:**

Multi-strip Report with Adjacent connections.. I would like to show different portions of the same Terminal Block on separate sheets.

**Identified Business Opportunities:**

Promotes better Design

**Your Opinion:**  Strongly Agree (7/10)  Agree  Consider  Disagree  Abstain

# RANKING WEBSITES DELIVER INNOVATION

## Shaping Change

- Great ideas result in job satisfaction
- Great ideas deliver efficiencies
- Great ideas enable you & your company to compete
- Great ideas are implemented by Intergraph ®
- **Your ideas and rankings make a difference**

**How can we get even more participation in this process?**

Email your ideas to: [Dennis.Cooley@cooleycore.com](mailto:Dennis.Cooley@cooleycore.com)

# QUESTIONS?

