

INView v8 **August 2020**

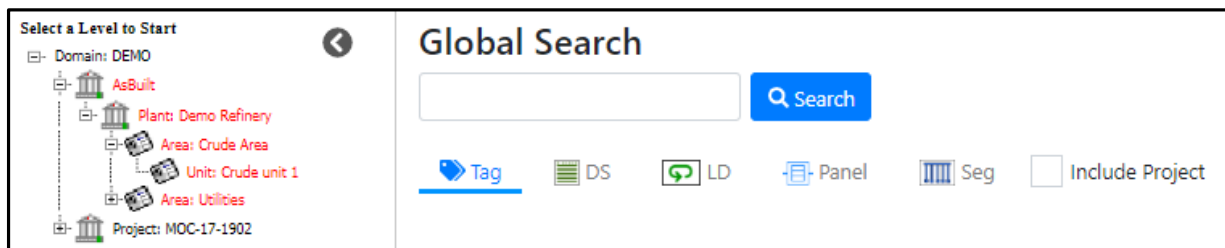
Effective August 2020, WiseTools Inc. is pleased to announce the release of INView v8.0.x – an update to our INView web app provides easy, secure internet browser access to SPI data & more. This version replaces the current release v7.0.x

INView is under continuous development. Many of the enhancements and new features can be attributed to input and requests from our INView user base.

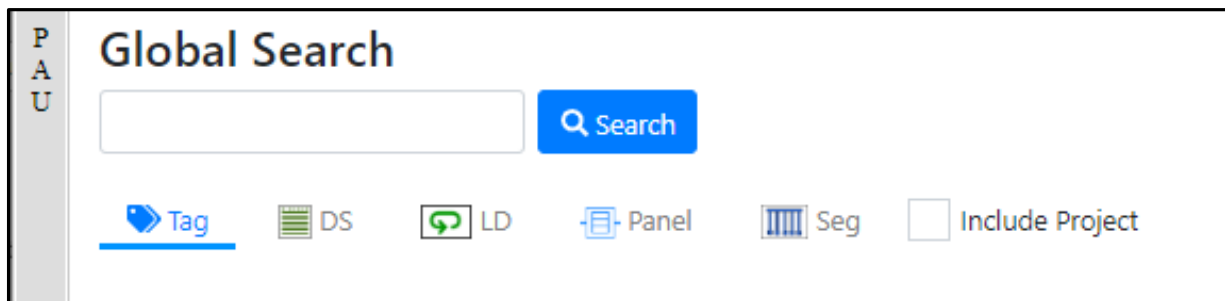
INView v8 - New Functions and Enhancements

1. **Fully mobile enabled.** Runs on Microsoft, iOS, and Android tablets.
2. **Improved interface** for both PC and tablet.
3. **PAU tree** can be minimized/maximized as desired to provide more room for results and details windows. This is particularly applicable when using a tablet.

Maximized



Minimized



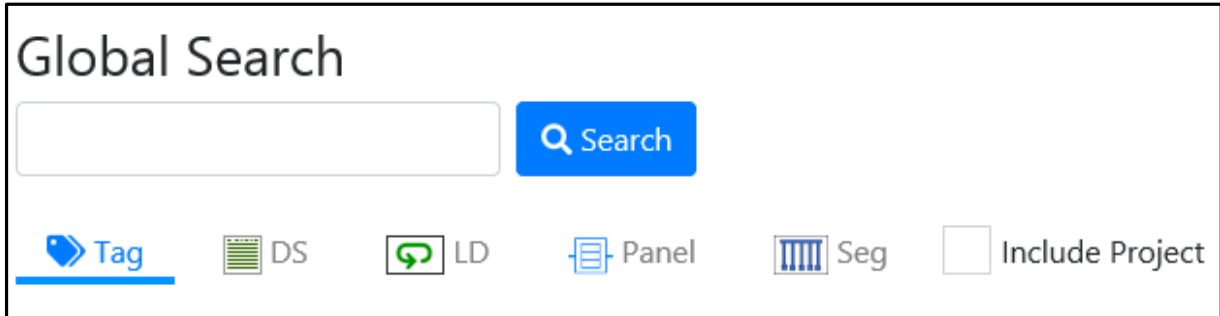
Click on the PAU to maximize.

4. Global Search

The **Global Search** replaced the INView v7.0.x Global Tag Search function.

This substantially enhanced feature is simpler and provides much more information in a new user friendly format.

There are 4 different item searches available in the Global Search function:



Tag	Instrument tag data and related documents (SPI docs and External docs)
DS	Instrument tag datasheets (Current and archived datasheets)
LD	Loop data and drawings (Current and archived drawings)
Seg	FF Segment data and drawings (Current and archived drawings)
Panel	Panel data and drawings (Current and archived drawings)

- **Global Search** now displays all SPI configured User defined tables (Custom Tables) and UDFs (Custom Fields) without configuration.

- **Include Project**

The As-Built **Global Search** has an **Include Project** option (shown above) to enable INView v8 to search in both the As-Built and Projects to find specified item(s). This option is hidden if you are connected to an Engineering database.

Note: Similar to the “Include Project” option, if INView v8.0.x determines the connected SPI database has no defined FF Segments, then the **Segment (Seg)** option is hidden from the user.


- **Global Search Results**

The **Global Search** function results now provides all related item SPI properties and much more information:

Each **Search Result** window provides Basic information about the item(s) found.

The **Item Properties Tab** window is accessed by clicking an item hotlink which is the item name shown in blue. Clicking this hotlink defaults to the selected item’s properties and also provides access to multiple tabs. Each tab contains more specific information about the selected item.

• **Tag Search Results**





Tag Name	I/O Type	Service	Tag Status	Instrument Type	Unit Name	Project	Ext Doc
17-LT -2282	AI	Level Tank 17-V-104	N	D/P TYPE LEVEL TRANSMITTER	Cooling Water	As-Built	

• **Tag Properties**

Instrument 17-LT -2282





Plant: Demo Refinery
Area: Utilities
Unit: Cooling Water **Project:** As-Built

[Properties](#) | [Custom Tables](#) | [Custom Fields](#) | [Calibration](#) | [JB](#) | [Alarm](#) | [DS](#) | [IO](#) | [Photo](#)

Loop Number:	17-L-2282	P&ID Number:	17-PID-172-001
Equipment:	17-V-104	System I/O:	AI
Line Number:	*	Signal Type:	4 -20 mA HART
Status:	New Instrument	Location:	Field
Instrument Type:	D/P TYPE LEVEL TRANSMITTER	Category:	Conventional
Service:	Level Tank 17-V-104		
Manufacturer:	ROSEMOUNT		
Model Number:	*		
Serial Number:			
PO Number:		PO Item No:	
Power Supply:		Required Power:	N
Certification:	*		
FF/PB Segment:		IS Circuit Type:	
Documents:	   		

Note:

• **DS (Datasheet) Search Results**





Tag Name	I/O Type	DS		Rev No	Rev Date	Rev Desc	SPI Arch DS	Service	Form No	Form Name	Project	Ext Doc
17-LT -2282	AI		<input type="checkbox"/>	A	7/3/2006	Issued For Quotation		Level Tank 17-V-104	59	Smart Diff.Pres.Transm. (level)	As-Built	

- DS Properties**



Instrument 17-LT -2282

Plant: Demo Refinery
Area: Utilities
Unit: Cooling Water **Project:** As-Built

Properties | Custom Tables | Custom Fields | Calibration | JB | Alarm | DS | IO | Photo

Loop Number:	17-L-2282	P&ID Number:	17-PID-172-001
Equipment:	17-V-104	System I/O:	AI
Line Number:	*	Signal Type:	4 -20 mA HART
Status:	New Instrument	Location:	Field
Instrument Type:	D/P TYPE LEVEL TRANSMITTER	Category:	Conventional
Service:	Level Tank 17-V-104		
Manufacturer:	ROSEMOUNT		
Model Number:	*		
Serial Number:			
PO Number:		PO Item No:	
Power Supply:		Required Power:	N
Certification:	*		
FF/PB Segment:		IS Circuit Type:	
Documents:	   		
Note:			

- Loop Search Results**



Loop Name	LD	Rev No	Rev Date	Rev Desc	SPI Archived LD	Service	Project	Ext Doc
17-T-4001		P0	7/21/1990	Issued For Review		17-V-104	As-Built	

- **Loop Properties**

Loop 17-T-4001

Plant: Demo Refinery
Area: Utilities
Unit: Cooling Water **Project:** As-Built

[Properties](#) | [Custom Fields](#) | [Instruments](#) | [Loop Dwg](#)

Service :	17-V-104	P&ID Number :	17-PID-172-001
LD Dwg No:	LD 17-T-4001	Loop type:	*
Equipment:	17-V-104	Loop Function:	*
Loop Criticality:		Measured Variable:	T
Documents:	 		

Note:

- **Panel Search Results**

Panel	Panel Type	Intrinsically Safe	Area	Unit	Project	Ext Doc
101-DCS-001	DCS	No	Crude Area	Crude unit 1	As-Built	

- **Panel Properties**

Panel 101-DCS-001

Plant: Demo Refinery
Area: Crude Area
Unit: Crude unit 1 **Project:** As-Built


[Properties](#) | [Custom Fields](#) | [Strips](#) | [Archive](#) | [Photo](#)

Panel Type:	DCS	Area Classification:	
Manufacturer:	Honeywell	Location:	Equipment Room
Model No:	*	Mounting:	
Dimensions:		Back Plane:	
Requires Power Supply:	No	Intrinsically Safe :	No

Note:

Tip: Use this search to find panels that were created in the wrong unit.

- **Segment Search Results**

Segment	Rev No	Rev Date	Rev Desc	Seg Dwg	SPI Arch Seg	Project
17-FF-003-S1	P0	7/21/1990	Issued For Review	SD-J-17-FF-003-S1		As-Built

- **Segment Properties**

Segment 17-FF-003-S1

Plant: Demo Refinery
Area: Utilities
Unit: Cooling Water **Project:** As-Built

Properties | Instruments | Panel Wiring | Segment Dwg

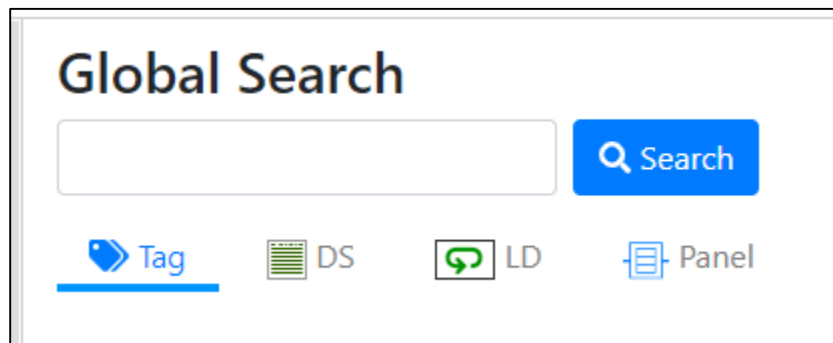
Segment Dwg No:	SD-J-17-FF-003-S1	Intrinsically Safe:	No
Parameter Profile:	Foundation Fieldbus		

Note:

Related Segment Notes.


- **Segment Icon**

The Segment icon is hidden from the Global Search menu if INView determines they are not used in the connected SPI database.



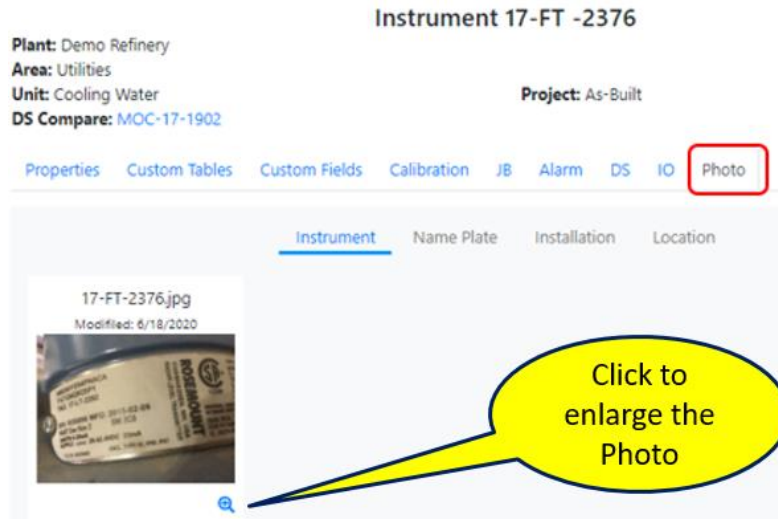
- **Hotlinks**

- ✓ In the Global Search result, click the **item name hotlink** (shown in blue) in the first column (ie. Tag Name, Loop Name etc.) to view the item's Properties.
- ✓ In the Item's Properties, click on the tabs across the top of the page to view other item details such as **SPI Custom Fields**, **SPI Custom Tables**, Photo etc.,
- ✓ Click an icon for SPI documents (datasheets, loop drawings, Hook-Ups etc.).

- ✓ Click the external document icon to view non SPI documents (P&ID Dwg, Location Dwg, Control narratives....) that are stored on a file server or within a document management system. 

• **Photos**

The **Instrument Tag** (Tag) and **Panel** (Panel) **Properties** windows enables users to view photos saved on a file server for the related item tag. This function enables INWalkdown photos to be integrated into INView.

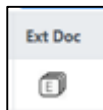


• **Batch Print**

The **Datasheet** (DS) and **Panel** (Panel) **Properties** window Tabs enables users to select multiple datasheets (current) or multiple panel strips (ie. belonging to one marshalling rack) to print in a batch mode. This is very similar to the Batch Print feature in INView v7.

• **External Documents.**

The new Global searches support the External document link to either a file server or a document management system.



No.	Document Type	Document Name
1	Control Narratives	17-CND-028
2	Location Drawing	17-LOC-1015-002
3	P&ID Drawings	17-PID-172-001

- **Compare Project and As-Built Datasheet Changes**

In **As-Built** databases only, the Datasheet (DS) **Global Search** (with the **Include Project** check marked) compares Project & As-Built datasheet changes and the results window will show **DS Compare: As-Built** under the PAU information.

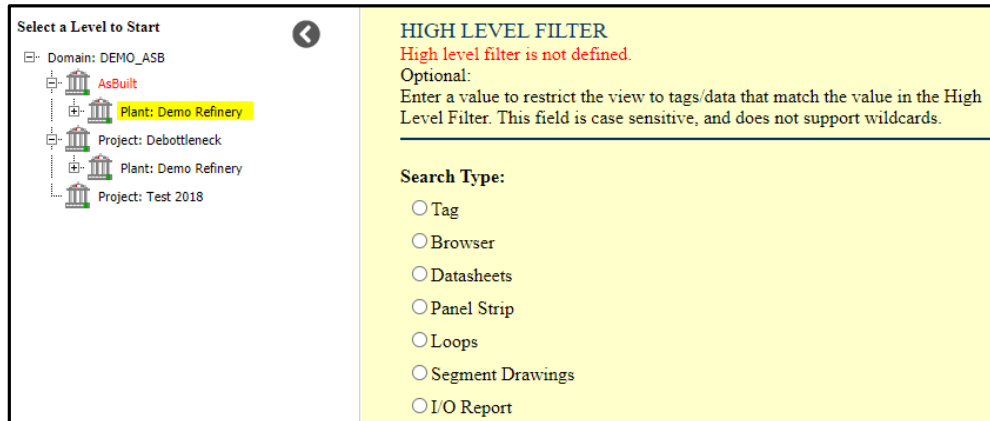
Plant: Demo Refinery
 Area: Crude Area
 Unit: Crude unit 1
 DS Compare: As-Built

Click the **As-Built hotlink** to view and/or Export to excel the comparison report showing the differences.

This report has been considerably improved.

As-Built/Project Tag Datasheet Comparison		
Plant: Demo Refinery Area: Utilities Unit: Cooling Water		Project: As-Built
Tag: 17-FV -2376 Form No: 1		Instrument Type: CONTROL VALVE Form Name: Control Valve
Header Name	As-Built Rev: A Rev Date: 7/3/2006 Rev Desc: Issued for Purchase	MOC-17-1902 Rev: 0 Rev Date: 7/20/1998 Rev Desc: Issued for Construction MOC-17-1902
Actuator Area		69 in2
Actuator Size		34
Actuator Type		Spring & Diaphragm
End Connec. && Rating	RF	RF 300#
Flow Rate@Max. Flow	15	18
Flow Rate@Min. Flow	5	7
Flow Rate@Norm. Flow	12	13
Notes:		1. Valve specification and sizing shall be in accordance with technical specification #100-00-ES-J-0018
Serial Number		F000641725

5. All the original features of INView v7 have been retained and are still available to use in INView v8. It works in exactly the same way as it always did.



6. **INView v8 automatically converts** Archived Datasheets and Panel Strip Reports PSR files to PDF format. Therefore, a PSR viewer is not required on all user desktops.
7. **INView v8 automatically converts** Archived Loop and Segment Drawing SMA files to PDF format. Therefore, an SMA viewer is not required on all user desktops.
8. **INView v8 External Link has been updated.** The **External Link** feature was implemented specifically for asset management tools such as Maximo and SAP. It enables the user to view SPI data through INView v8. With the introduction of INView v8, this feature uses the new interface to directly view when displaying instrument tag data, datasheets and loops.

A call from Maximo or SAP to an instrument tag opens the new INView v8 instrument tag properties window.

Instrument 17-FV -2376

Plant: Demo Refinery
 Area: Utilities
 Unit: Cooling Water
 DS Compare: MOC-17-1902

Project: As-Built

Properties | Custom Tables | Custom Fields | Calibration | JB | Alarm | DS | IO | Photo

Loop Number:	17-F-2376	P&ID Number:	17-PID-172-001
Equipment:	17-V-104	System I/O:	AO
Line Number:	2*-C-1003-3C	Signal Type:	4 - 20 mA
Status:	*	Location:	Field
Instrument Type:	CONTROL VALVE	Category:	Conventional
Service:	Water feed to 17-V-104		
Manufacturer:	FISHER		
Model Number:	ET		
Serial Number:			
PO Number:		PO Item No:	
Power Supply:		Required Power:	N
Certification:	*	Criticality:	
FF/PB Segment:		IS Circuit Type:	

Documents:

Note:

Remark1:

9. **Improved INView v8 loop wiring drawings.** INView v8 now supports more complex loops. For example, it merges terminals when an indicator is wired to the same terminal strip as the transmitter.

