

April 2025

INView® v11.1.x - More New Features

With a proven track record of success and satisfied customers, INView, the industry's preferred web-based instrumentation browser for SPI/SI data, is used extensively on over 170 plant sites worldwide. Why? Because WiseTools' unique features and innovative design make your work more efficient and easier.

Scheduled for release in May 2025, INView is fully PC and tablet-compatible. It does not require a SPI/SI license or the SPI/SI IDEAL service.

New v11.1 Features

1. Spec Form Browser

Added a **Spec Form** browser to the existing browsers that works similar to the existing browsers, filtering by PAU and defining data filters

- Select a Spec Form Name (CNUM) and selected the datasheet data fields or all datasheet data fields defined in the spec form.
- Filtering the browser column headers is enabled.
- Filtering by UDFs and UDTs is enabled.
- Export browser data to Excel.

2. Loop Check Folder

This is an **optional** feature. Users can use loop check folders/documents in three ways.

The INView Admin defines the loop check folders assigning the loops. Depending on your INView integration, related documents are automatically hotlinked such as: Loop drawing, P&ID Drawing, Datasheets, Location drawing, Hook-Ups, etc. Includes an option to use digital check sheets and automatically populate the related SPI data fields for checking. Assign a specific user to the Loop check folder. Status tracking to Pass/Complete. Built in status report tracking by Plant, Area, Unit or project.

Create your own digital check sheets or use the sample ones to customize and add to them.

1. **Manually** – Print loop check documents to paper or PDF from the loop check folders to perform a loop check(s). Using a paper loop check folder and paper check sheets
2. **Without Wi-Fi** – Download the loop check folders and related PDF documents onto a tablet. Users can refer to the folder documents while on site. Option for digital or Paper check sheets.
3. **With Wi-Fi** – Digital check sheets (for online completion) or user-defined check sheets (for manual completion) can be added to the loop check folder(s). The status values Issued, Passed, Failed and Re-Issued can be assigned digitally to the check sheets.

Enhancements and Changes

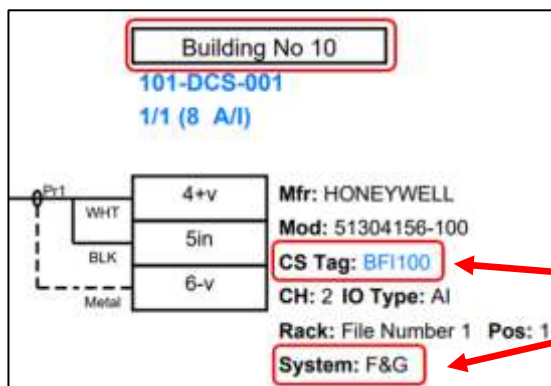
1. Integrated Digital Datasheet Redline

INView v10.1 datasheet redlining was primarily designed for plant maintenance to create and issue datasheet redline corrections. INView v11.1 has added the following capabilities to the integrated datasheet redline function:

- All datasheets with or without a revision number can have a REDLINED datasheet. Previously only datasheets with a rev could have a redline datasheet.
- Select Equipment, Line numbers and P&ID numbers from the SPI drop down lists, or add a new one.
- Supports the editing of:
 - a Spec UDF drop-down data list, and
 - Process data and UOM values.
- Added more security for approving datasheet redlines. Specific user rights are required to approve datasheet redlines.
- The INView Administrator can now generate a data comparison report for review before importing the redlined data into SPI. Only **completed** redlines can be imported into SPI.
- The datasheet redline report now indicates if a redline datasheet has an attached photo(s).
- Status forms are customizable by the INView Admin. For example, request the WO number rather than the MOC number.
- When the datasheet redline has an Approved status, applying the Complete status provides an option to directly Import Redline data into SmartPlant.

2. Loop Drawings

- Added an option to show all panel locations on INView loop drawings.
- Added **CS Tag name hotlink** to loop drawing. Click to open the **I/O Termination** report.



Hotlink to I/O termination report

Note: custom UDT or UDF data fields defined by INView Admin

3. Panel I/O Reports

- Added the **Panel Location** to the I/O Report header.

Plant: DEV1 Area: 1-1 Crude and Vacuum Unit Unit: 1-1-1 Crude and Atmospheric		Panel 11-R01-VM11 IO Report Panel Location: Control Building No 10 Project: Engineering
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- Added **System** column to the I/O Report. The System data field is populated with data from customized UDT or UDF data field configured in the INView Admin module.

Channel	Tag Name	CS Tag	System I/O	Signal Type	Equipment	Tag Status	Loop No	Tag Category	P&ID	Service Description	System

4. Enhanced Photo Viewing and Management

INView 11.1 has one of the most comprehensive systems for managing and viewing instrumentation and wiring-related digital photos.

- Easily upload and assign one digital photo or multiple photos to an entity; instrument, panel, panel strip and redline datasheet.
- Supports uploading other file types to the photo window; ie. docx, xlsx and PDF.
- Associate photos with panels and panel strips.
- Available to datasheet redline feature:
 - Upload and assign photos to a datasheet redline.
 - Option to copy photos associated with a datasheet redline to the related instrument's photo folder when the redline is completed.
 - Option to delete obsolete out-of-date photos/files as required.
- Photo icons are red when an entity (instrument, panel, panel strip or redline) is associated with a photo.

Instrument 101-LT -201  			
Plant: DEMO Refinery Area: Crude Area Unit: Crude unit 1		DS Rev No: 0  Rev Date: 11/22/1998 Rev Desc: For bids Project: As-Built	
Properties Cust Tables Cust Fields PD Calibration JB Alarm DS IO Photo Vendor			
Loop Number:	101-L -201	P&ID Number:	100-PID01-001
Equipment:	F-102	System I/O:	AI
Line Number:	*	Signal Type:	
Status:	New Instrument	Location:	Field
Instrument Type:	DISPLACER TYPE LEVEL TRANSMITTER	Category:	Conventional
Service:	F-102 Middle section		
Manufacturer:	MASONEILAN		
Model Number:	9600		

- All photos and vendor documents can be uploaded with a title and editable note.

5. Administration Module

Added new Admin options:

- **Redline:**
 - **Options:**
 - ✓ **Disable Redline.** On by default.
 - **Customize Forms:** use this to define the data required on each of the redline Status forms:
 - ✓ Add Redline
 - ✓ Submit Redline
 - ✓ Approve Redline
 - ✓ Reject Redline
 - ✓ Complete Redline
- **Settings > Options:**
 - **General:**
 - ✓ **Disable Photos.** Enabled by default.
 - ✓ **Disable Vendor Documents.** Enabled by default.
- **Loop Check:**
 - **Options:**
 - ✓ **Disable Loop Check.** Enabled by default.
 - ✓ **Show SPI Attached Documents.** Enabled by default.
 - **Customize Forms:** use this to define the data required on each of the check sheet status forms:
 - ✓ Add Loop Check
 - ✓ Issue Package
 - ✓ Reissue Package
 - ✓ Complete Package
 - ✓ Check Result
 - **Check Sheets:** use this option to view check sheets available to the instruments assigned to a loop.
 - **Packages:** use this option to:
 - ✓ Create, modify and delete loop packages.
 - ✓ Assign and modify loops in the package.
 - ✓ Complete a loop package.
 - **Check Forms:** use this option to:
 - ✓ Assign Instrument Types to the loop check forms.
 - ✓ Disable, delete and view the loop check forms.

- **Access > Users:**

- **New Roles:**

- ✓ **Redline Admin** – this user can complete datasheet redlines.
 - ✓ **Redline Approver** – this user can approve and reject datasheet redlines.
 - ✓ **Loop Check Admin** – this user can:
 - create loop check packages and assign users.
 - add loops and check sheets to the loop check packages.
 - edit, delete and complete loop check packages.

- **Logo Manager**

This new feature enables the administrator to upload and manage the assignment of logos:

- A default logo (.bmp or.jpg format) can be uploaded that will be applied to all INView reports in all plants unless another logo file has been uploaded to a specific plant(s), area(s), unit(s) or project(s).
 - Other logos can be uploaded to a plant, area, unit or project. These take precedence over default logos.

INView© System Requirements

- SPI/SI v2016, 2018, 2019 (v13)
- Microsoft Windows Server v2016, 2019, 2022
- Oracle v12 – v19 or Microsoft SQL 2014 – 2019
- OS Server 2016 -2019, .NET v4.8, SSL Certificate.

Contact WiseTools for Details