



INView Anywhere[®] INLoop Check[®]

A WISETOOLS MOBILE PRODUCTIVITY TOOL

BENEFITS

- **Efficient** – user can take the iPad out on the plant site with multiple loop check packages and view add/confirm loop check data.
- **Fast** – find and view instrumentation data in seconds
- **Secure** – instrumentation data is view only
- **View loop data, take photos, enter data to loop check sheets** without a Wi-Fi connection to display data
- **View external documents** saved on a file server and/or within a Document Management System

EASY TO USE

- Intuitive user interface
- Instrumentation data available at the touch of a finger. Do it all with just a swipe, pinch or tap.

100% SPI COMPLIANT

- Compatible with Engineering or As-Built/Owner Operated databases
- Version independent. Supports SPI v2016, v2018, v2019
- Compatible with Oracle and SQL databases

SIMPLE SEARCHING

- Search for any item anywhere in the plant hierarchy
- Displays tag, loop and wiring properties and associated documents
- Generates loop drawings and terminal strip diagrams

For more information on any of our products or services, visit us at: www.wisetools.ca

OR

call +1.403.233.8015

*SmartPlant[®] Instrumentation (SPI) is a registered trademark of Intergraph Corporation/Hexagon.

INView Anywhere is a mobile solution that runs on an iPad and powers **INLoop Check**. INView Anywhere provides a view (read-only) of current SPI data, without requiring Wi-Fi everywhere on the plant site.

Using a simple search, instrument technicians can find any item; tags, loops, panels or cables anywhere in a plant, area or unit and easily view:

- ✓ All required tag, loop, P&ID, panel and cable properties including UDFs and UDTs.
- ✓ Related documentation such as datasheets and loop diagrams, etc.
- ✓ Wiring diagrams such as loops and terminal strip connections; quickly navigate to adjacent strips.
- ✓ SPI data is delivered to INView Anywhere via Wi-Fi in data packages created by INSync Admin.
- ✓ Captured data is uploaded to **INSync Admin** for viewing and managing through a web portal called **INSync Review**.

INLoop Check, powered by INView Anywhere, enables instrument technicians to easily perform pre-commissioning loop checks on SPI instruments in the field.

Benefits:

- perform paperless loop checks on-site without requiring Wi-Fi,
- view multiple loop check packages and loops contained in one or more data packages,
- view loop properties including UDFs and UDTs,
- view all instrument tags and check sheets related to a specific loop,
- view related SPI documents such as datasheets, P&IDs, etc. and also those documents saved externally to SPI on a file server or document management system,
- easily identify the status a data package, a loop or a tags by the color of the icon,
- enter data directly onto the check sheets by typing in data, clicking a check box or selecting from a drop-down list,
- loop check sheets are simpler to use:
 - automatically populated with required SPI design data
 - include only the required data fields for the specific instrument type
 - sheets are assigned to instruments based on its instrument type and whether they are a field or control device
- upload completed loops to INSync Admin and view data in the INSync Review web portal,
- INSync Review administrator can manage the results with real-time reports and loop statuses.

Call 403 233 8015 or Email Info@WiseTools.ca for a demo and quote.



INView Anywhere[®] INLoop Check[®] continued.....

REQUIREMENTS

- **Apple iPad or iPad mini:**
 - Wi-Fi enabled
 - 32 GB or 64 GB (preferred)
 - iOS 13 +
- **INSync Admin:**
 - **Client:**
 - Windows v7.x, v10.x
 - .NET Framework 4.5x
 - PDF Reader
- **DB Server**
 - Windows Server 2016, 2019
 - MS SQL Server Express v3.5.79+ or MS SQL Server v2014
 - SQLite ODBC Driver v3.x; 32 bit
 - Oracle .NET Access Component (ODT) v11.x (if Oracle SPI database)

OTHER PRODUCTIVITY TOOLS

- INAuditPro
- INView / INView API
- INDigital
- INP&ID
- INSync Admin / Review
- INField Check / INWalkdown - Instruments
- INFront

WISETOOLS SERVICES

- SPI Consulting
- SPI Data Migration
- SPI Data Merging
- SPI Database Audits
- SPI Document Conversion
- Training for SPI and WiseTools Products
- Custom Programming
- SPI Upgrades

For more information on any of our products or services, please visit us at: www.wisetools.ca

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Call

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Tablet Interface

The screenshot shows a tablet interface with a search bar at the top. Below it is a list of loops: 15-A-1101, 15-E-1121, and 15-X-1581. A blue callout bubble points to this list with the text "Loops in package". To the right, the "Properties" panel for "Loop 15-E-1121" is visible, showing details like Service, Drawing, Unit Name, Measured Variable, Function, Type, Generation Method, and Related Items. A second blue callout bubble points to the "Related Items" section with the text "Tags related to selected loop".

Properties and Tag Documents

This screenshot shows the "Properties" panel for "Loop 14-L-1105". It displays "Related Items Documents" with a list of PDF files such as "10-40-CED-48-0001-002_R0E.pdf" and "10-40-DC-48-0079-001_R0". A blue callout bubble points to these documents with the text "Available related documents and loop check sheet icons". Below the documents, the "Radial Level Transmitter" tag is visible.

Loop Check Sheet

FORM TYPE	FIELD FORM	TAG NUMBER	
Analog Input	SYSTEM	TCP NUMBER	
INSTRUMENT TYPE			
CHK	VALIDATION	Calib Range	
<input type="checkbox"/>	Installed as per Installation Detail/Support	Fail Direction	
<input type="checkbox"/>	Wiring JB (tagging Green dot)	Model #	
<input type="checkbox"/>	Wiring Xmitter (tagging)		
<input type="checkbox"/>	Range Verified		
<input type="checkbox"/>	Alarm / Trip verified		
<input type="checkbox"/>	Over range Checked		
<input type="checkbox"/>	Open Circuit Checked		
<input type="checkbox"/>	Record Transmitter Failure Direction	Test Method	Process Simulation
<input type="checkbox"/>	Field Indicator (if applicable)		4-20 mA at Xmitter
<input type="checkbox"/>	Document Markups Required		Forced (HART)
<input type="checkbox"/>	Model # verified		Cal Gas
			AMS
			Concentration
INITIALS	Loop Check Status	Test Equipment Used	
<input type="checkbox"/> Ready for Commissioning			
	Document Markup Classification		
	Field Loop Failure Classification		

Notes and Observations:

An AI Field Check Sheet. Yellow data comes from SPI

INSync Review – Loop Check Portal

The screenshot shows a web-based table with columns: Loop Name, TCP#, Unit, Reissued, Incomplete, Pass with Comments, Fail, Pass, Not Started, Issued, Ready, Review Approver, Field Checker, Control Checker, Last Download Date, Last Upload Date, Package Name, and Package Status. A blue callout bubble points to the table with the text "Filter view for all loops sent to the completions DB". At the bottom, it says "Showing 1 to 10 of 12,820 rows".