



The New Integrated INAuditPro[®] A WiseTools Productivity Tool

INAuditPro[®] is a web-based software tool that enables you to inspect Engineering and As-Built/OO SPI databases to improve the quality and integrity of your data. Now integrated with INView.

BENEFITS

- **Identifies incomplete/inaccurate data** in Oracle or SQL Server SPI databases.
- **User Friendly** – intuitive, fast and easy to use.
- **Web Application** – use Microsoft Internet Explorer or Edge or Google Chrome.
- **Run pre-defined queries** with one click.
- Save **customized** query views. Run as desired.
- **View summary reports** and detailed reports in Excel.
- **Punch List** of all audit items automatically created.
- Integrated with INView

EASY TO USE & INSTALL

- Web-based user interface.
- Uses Oracle / SQL native drivers to connect to SPI.

SYSTEM REQUIREMENTS

SERVER:

- Windows Server 2016 - 2019 64-bit
- IIS v8.5+.
- .NET Framework v4.8+

CLIENT:

- Edge or Google Chrome
- Windows v10 or v11
- .NET Framework 4.6+
- Microsoft Excel

SPI/SI COMPATIBILITY

- SPI v2016, v2018 & SI v13.
- As-Built/Owner Operated database.
- Oracle and SQL databases.

*SmartPlant Instrumentation (SPI) is a registered trademark of Intergraph Corporation/Hexagon

**Excel is a registered trademark of Microsoft Corporation.

Organizations are collecting ever increasing volumes of data, and without a defined data strategy and quality level, this deluge of data can be overwhelming and potentially harmful. **How do you know if your data is good or not?** In a large database, without a regular data audit it is almost impossible to know the actual status of the data quality and integrity.

If you are looking to improve the quality of your SPI data, the first thing you need to do is to deploy a good tool such as INAuditPro[®] that is capable of analyzing the quality of data so that you can take steps to improve it.

INAuditPro[®] Modules

As-Built Projects

Pre-Merge

Identifies data issues and errors prior to merging project data to the As-Built database. 164 audit reports.

Project Statistics

Provides statistical reports relevant to a project such as Total Instrument Tags and Total New Datasheets Added or Total As-Built Datasheets Claimed etc. 54 audit reports.

Project Panels

Searches through one or all panel types (JBs, MRs, Cabinets, DCS and PLCs) across all projects to identify available spare terminals. 5 audit reports.

As-Built and Engineering

DB Integrity

Reports check for anomalies that affect the overall integrity of the data in an engineering or As-Built/OO database. Specific audits for upgrading to 2016 and greater. 146 audit reports.

Standards

Reports provide a comparison of current SPI standards against the default SPI standards. 163 audit reports.

Statistics

Provides database statistics for the selected plant, area(s) and/or unit(s). 73 audit reports.

Engineering and As-Built

Checks for data errors and/or omissions for the selected plant, area(s) and/or unit(s). 104 audit reports.

Highlights

- ✓ Web-based for easy access by SPI users; instrumentation leads and project managers.
- ✓ Uses Oracle / SQL native drivers to connect to SPI for easier installation and faster reporting.
- ✓ **NEW** * Datasheets on Excel reports hotlinked to INView.
- ✓ Interactive description/explanation links for audit items.
- ✓ High Level Filter enables user to filter for specific data related to a UDF and/or UDT i.e. MOC number of System.
- ✓ Reports aid in eliminating incorrect/erroneous data which improves overall confidence in SPI data.
- ✓ Run **As-Built Project** reports to ensure data quality BEFORE merging back to As-Built to avoid issues after the fact.
- ✓ Batch run many different queries against SPI with a single click.
- ✓ Create custom query views by selecting specific audits and saving them for future use.
- ✓ Reports are automatically saved to a designated folder in Excel format for easy reference.
- ✓ Punch list of all item counts is automatically created and saved in Excel.
- ✓ Uses WiseTools INAPI to view instrument datasheets from datasheet audit reports.



The New Enhanced INAuditPro[©] a WiseTools Productivity Tool

INAuditPro[©] is Easy to Use

INAuditPro MODULES

For As-Built Projects:

- Pre-Merge
- Project Statistics
- Project Panels

For As-Built & Engineering:

- DB Integrity
- Standards
- Domain Statistics
- General Audits

MORE WISETOOLS PRODUCTIVITY TOOLS

- INView
- INAPI
- INTurnover
- INP&ID
- INDigital
- INSync Admin / Review
- INView Anywhere / INField Check, INLoop Check, INWalkdown - Instruments
- INFront

WISETOOLS SOLUTIONS

- 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, visit us at: www.wisetools.ca

OR

call 403.233.8015

OR

email info@wisetools.ca

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1. Run the reports.

Domain: DEMO / Module: Engineering and As-Built / Plant: Demo Refinery / Area: All / Unit: All

New: Project MOC-99001B Existing: All [Delete] [Run]

Callout 1: Create custom audit report lists by de-selecting reports.

Callout 2: Click Run to start the selected audits.

2. View summary.

Audit Item	Count
2.0 Datasheets	
2.1 Datasheets with no Rev Number	8493
2.2 Datasheets with a Rev	0
2.3 Purchase Rev Datasheets - no Manuf or Model No.	3346

Callout 1: Click to view punch list.

Callout 2: Click count hotlink to view audit reports.

3. View/print audit report.

INAuditPro Module: Engineering and As-Built

Group Name: 2.0 Datasheets

Report Name: 2.3 Purchase Rev Datasheets - no Manuf or Model No.

Report Date: Jul 28 2021

Audit PAU Level: Domain: SCOT / Plant: SFG / Area: AB / Unit: All

Records: 3346

Instrument	Instrument Status	Instrument Type	Item Number	Datasheet Form	Datasheet ID
AA1E-411205	New Tag	Plant Horn - Analyzer (SIS)	562	HORN / BEACON	411.1632.262.6
AA1E-411205	New Tag	Plant Horn - Analyzer (SIS)	562	HORN / BEACON	411.1632.265.6
AA1E-411207	New Tag	Plant Horn - Analyzer (SIS)	562	HORN / BEACON	411.1632.267.6

Callout: Click instrument hotlink to view instrument data in INView.

4. View punch list.

Engineering and As-Built

Domain: DEMO / Plant: Demo Refinery / Area: All / Unit: All

SPI Version: 2016

Items for Review: 103 Completed: 51% Revision No: _____

Completed Items: 53 Assessment Date: Jul 28 2021

Outstanding Items: 50 Re-Assessment Date: _____

Approved By: _____ Issued By: _____

Item No	Item Description	Count	Re-Count	Status	Completion Date	Notes	Rev info
1.0	Index (General)	---		---			
1.13	Tag Instrument Types not Defined in SPI Standards	4		Active			
2.0	Datasheets	---		---			
2.2	Datasheets with a Rev - no Drawing	1		Active			
2.3	Purchase Rev Datasheets - no Manuf or Model No.	9		Active			
2.4	Construction Rev Datasheets - no Manuf or Model No.	0		Complete			
2.5	As-Built Rev Datasheets - no Manuf or Model No.	0		Complete			

Call 403 233 8015 or email info@wisetools.ca for a demo and a quote.