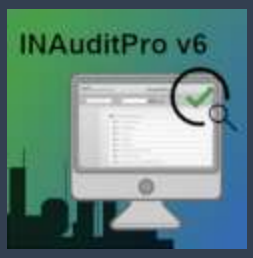


The New Integrated INAuditPro©

A WiseTools Productivity Tool

INAuditPro©, a web-based tool that inspects your SPI databases, and assists you to improve the quality and integrity of your data.

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, deploy a great tool like INAuditPro© that is capable of analyzing the quality of data and help you fix it.

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.
- Hotlinks from audit reports to INView.
- Does not require an SPI/SI license

EASY TO USE & INSTALL

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

SYSTEM REQUIREMENTS

SERVER:

- Windows Server 2016 - 2022 64-bit
- IIS 10+.
- .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.

INAuditPro© Modules

As-Built Projects

Pre-Merge

175 reports to identify data issues and errors prior to merging project data to the As-Built database.

Project Statistics

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

Project Panels

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

As-Built and Engineering

DB Integrity

148 reports to check for anomalies that affect the overall integrity of the data in an engineering or As-Built/OO database.

Standards

176 reports that provide a comparison of current SPI standards against the default SPI standards.

Statistics

76 reports providing database statistics for the selected plant, area(s) and/or unit(s).

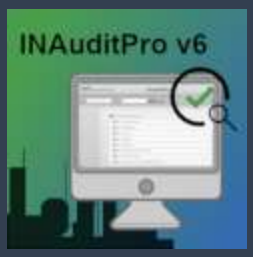
Engineering and As-Built

111 reports to check for data errors and/or omissions for the selected plant, area(s) and/or unit(s).

Highlights

- ✓ Web-based for easy access by SPI users; instrumentation leads and project managers.
- ✓ **NEW**
  - Datasheets, loops and panel/strip reports hotlinked on Excel reports to INView.
  - 5 new Calibration data audits added to the Project Pre-Merge and Engineering & As-Built modules.
- ✓ WiseTools INAPI included at no cost to enable access to datasheets, loop drawings, process data reports, panel strip wiring reports, and instrument and loop properties.
- ✓ Interactive description/explanation links for audit items as well as online How-to documents
- ✓ High Level Filter enables user to filter for specific data related to a SPI UDF and/or UDT i.e. MOC number of System.
- ✓ Run Pre-Merger **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 and create your own custom audit report lists.
- ✓ 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.
- ✓ Option to exclude data from audits based on selected PAU.
- ✓ How-To documents and User Manual available on-line.
- ✓ Hotlinks from audit reports to view related data in INView.

WiseTools
"Empowering People With Technology"



The New Enhanced INAuditPro©

a WiseTools Productivity Tool

INAuditPro MODULES

For As-Built Projects:

- Pre-Merge
- Project Statistics
- Project Panels

For As-Built & Engineering:

- DB Integrity
- Standards
- Statistics
- Engineering and As-Built

WISETOOLS PRODUCTIVITY TOOLS

- INView
- INAuditPro
- INAPI
- INTurnover
- INP&ID

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

Call:

1 403.233.8015 / 1 866.213.5268

OR

email info@wisetools.ca

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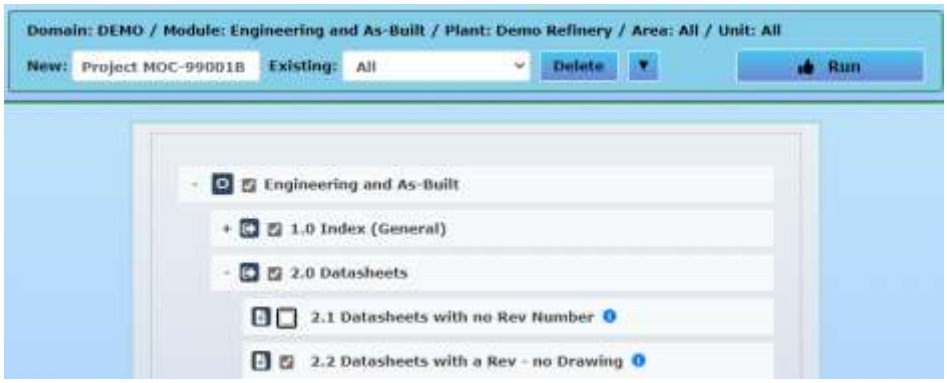
**Excel is a registered trademark of Microsoft Corporation.

INAuditPro© is Easy to Use

1. Run the reports.



2. View summary.

View Punch List

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

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:	Sep 28 2020
Audit PAU Level:	Domain: DEMO / Plant: Demo Refinery / Area: All / Unit: All
Records:	9

Instrument	Instrument Status	Category	Instrument Type	I/O Type	orm Number	Datasheet Form	Datasheet Drawing	Rev No	Rev Description
101-FE -100	New Instrument	Conventional	D/P TYPE FLOW ELEMEN	*	11	Orifice Plate	101-21-121101	A	Issued For Purchase
101-FE -102	New Instrument	Conventional	D/P TYPE FLOW ELEMEN	*	11	Orifice Plate	101-21-121102	1	Issued For Purchase
101-FE -201	New Instrument	Conventional	D/P TYPE FLOW ELEMEN	*	11	Orifice Plate	101-21-121113	1	Issued for Purchase
101-FE -2212	New Instrument	Conventional	D/P TYPE FLOW ELEMEN	*	11	Orifice Plate	101-21-121111	1	Issued For Purchase
101-FE -2213	New Instrument	Conventional	D/P TYPE FLOW ELEMEN	*	11	Orifice Plate	101-21-FE-2213	1	Issued For Purchase

4. View punch list.

LOGO

Engineering and As-Built
Domain: DEMO / Plant: Demo Refinery / Area: All / Unit: All
SPI Version: 2016

Items for Review: 103 Completed: 51%
Completed Items: 53
Outstanding Items: 50
Revision No:
Assessment Date: Jul 28 2021
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			

Email info@wisetools.ca for a demo and a quote.

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