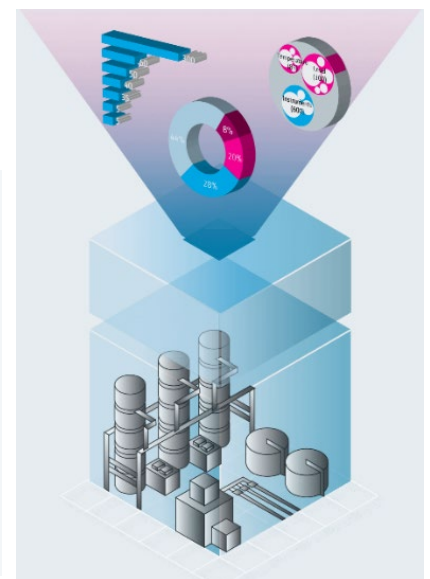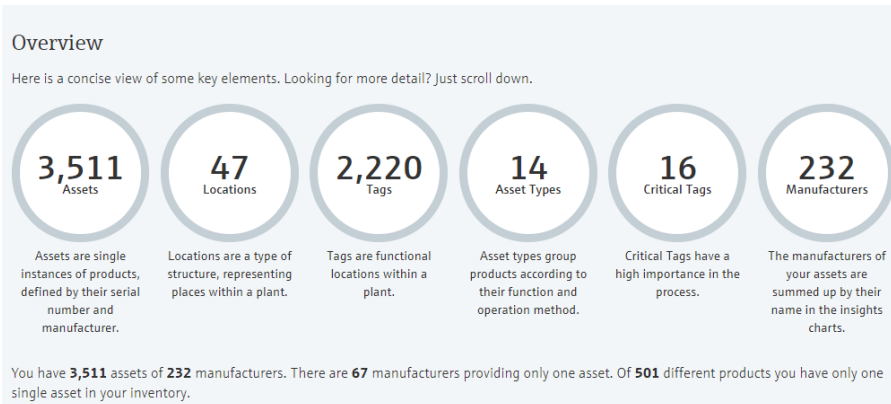# Commissioning Services

All or part of this scope below can be included in the offering from Endress+Hauser to meet the customer's needs and requirements.

- Automatic Three-Year Extended Warranty on all Endress+Hauser devices commissioned by Endress+Hauser certified technicians.
- Netilion Digital Commissioning App USA Package which provides a suite of web applications, data analysis and reporting services for an efficient plant startup on field instrumentation. This package is utilized within Endress+Hauser proposed Commissioning Services, providing digital capabilities from project phases all the way through operation and maintenance turnover.
- ***Digital Commissioning App Administrator Access for the Customer's Project Team, Construction Team, and Operations Managers throughout commissioning phase for visibility of startup completion progress.***
- Netilion Analytics & Library License for asset obsolescence management and project files and documents (startup forms, verification reports, configuration reports manuals, etc.). Creates a digital twin of the asset for maintenance and operations teams. https://netilion.endress.com/library
- Pre-loading assets to the Netilion cloud database of all identified E+H and third-party devices. Netilion product support and training by E+H Technical Support Team.

General Install Base Analysis KPI Dashboard:

Overview

Here is a concise view of some key elements. Looking for more detail? Just scroll down.

3,511 Assets	**47** Locations	**2,220** Tags	**14** Asset Types	**16** Critical Tags	**232** Manufacturers
Assets are single instances of products, defined by their serial number and manufacturer.	Locations are a type of structure, representing places within a plant.	Tags are functional locations within a plant.	Asset types group products according to their function and operation method.	Critical Tags have a high importance in the process.	The manufacturers of your assets are summed up by their name in the insights charts.

You have **3,511** assets of **232** manufacturers. There are **67** manufacturers providing only one asset. Of **501** different products you have only one single asset in your inventory.

Pre-Commissioning Activities can include:

- Check Tag Number
- Visual Inspection
- Stage for Service Technician (Location Info for Tech/Contractor)
- Bench test instruments and valves
    - Power device and basic check for any issues or faults
    - Check Instrument or Valve for correct operation and/or travel
- All activities will be documented within E+H's Digital Commissioning Application for transparency and visibility of project execution.

Field Xpert SMT70 with Digital Commissioning App

Onsite Commissioning Activities can include:

- Verify instrument or valves are installed correctly
- Ensure your process measurement is set up according to your application conditions
- Guarantee critical factors such as time, resources, and key skills availability during start-up
- Obtain detailed commissioning documentation including baseline reports and backup files
- Loop testing & Troubleshooting
- Pictures of installations and devices
- All activities will be documented within E+H's Digital Commissioning Application for transparency and visibility of project execution.
    - Upload documentation to E+H Database, Netilion, for Digital documentation hand-over at completion.

Digitize documentation to ease workflows.