"Technical information management system"

Asset 360

Harri Ranta



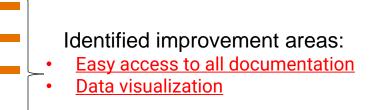
Operating environment (Espoo, Kirkkonummi ja Kauniainen)



For a cleaner world

The good quality and easy availability of technical information enables:

- Safety
- Identification and marking of process equipment
- Recognition of the work area <u>environment and conditions</u>
- Quality of isolation design and marking and visualization of isolations
- Maintainability
- Up-to-date documents and maintenance instructions that are <u>easily accessible</u>
- Technical data of equipment and maintenance history
- Spare parts associated with the equipment
- Preventive maintenance programs and work planning
- Availability
- Identification of emerging fault situations before they lead to failure
- Fault and disturbance reporting, root cause analysis, and corrective actions
- Properly Timed Replacement Investment
- Maintenance and downtime costs
- Condition reporting



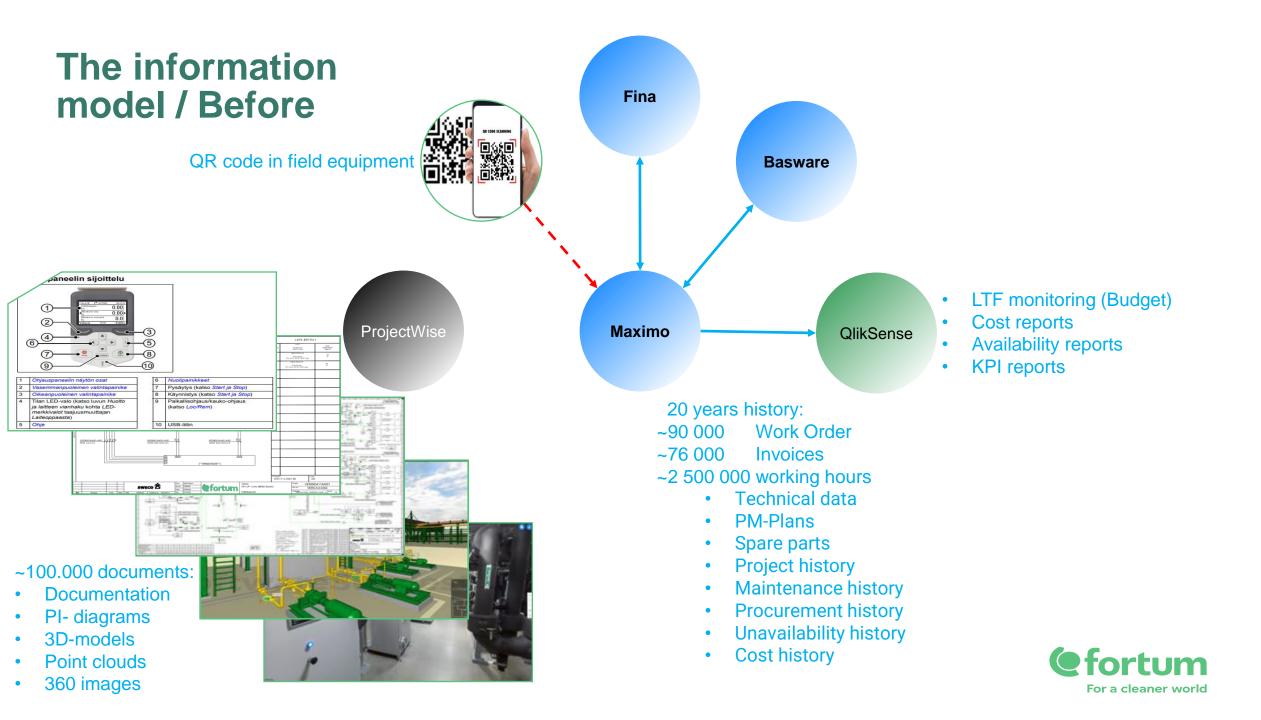


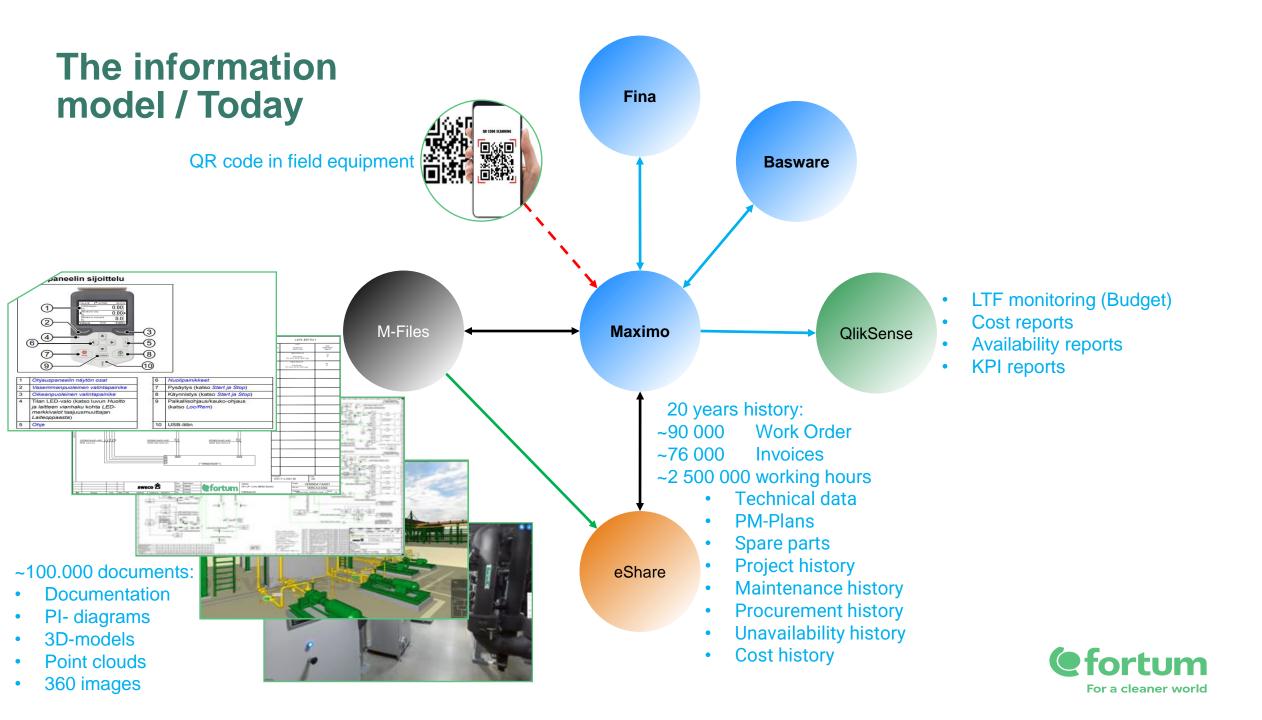
Maximo Location is a common metadata key for all data

The following Maximo metadata information is also attached to the documentation:

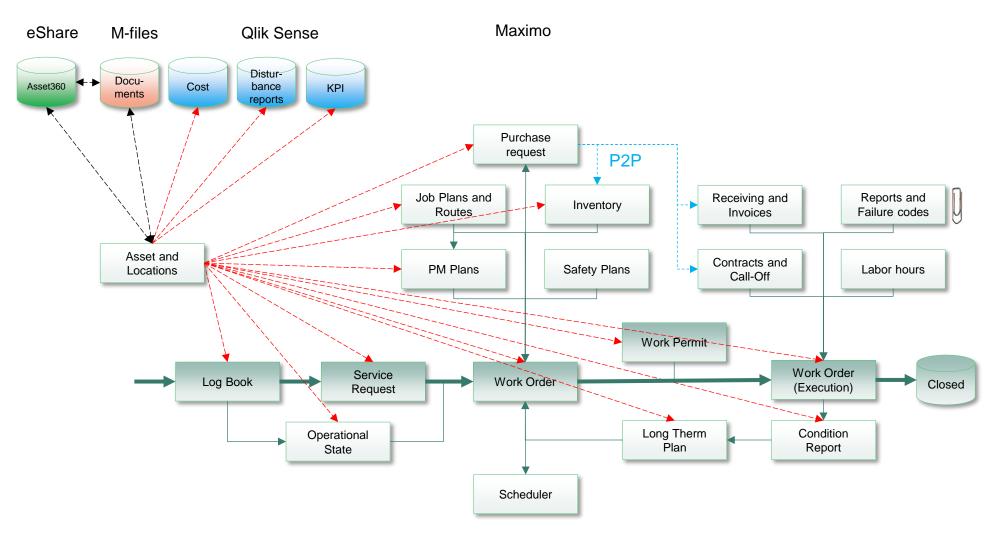
- Crew
- Work Order
- Project ID
- Company







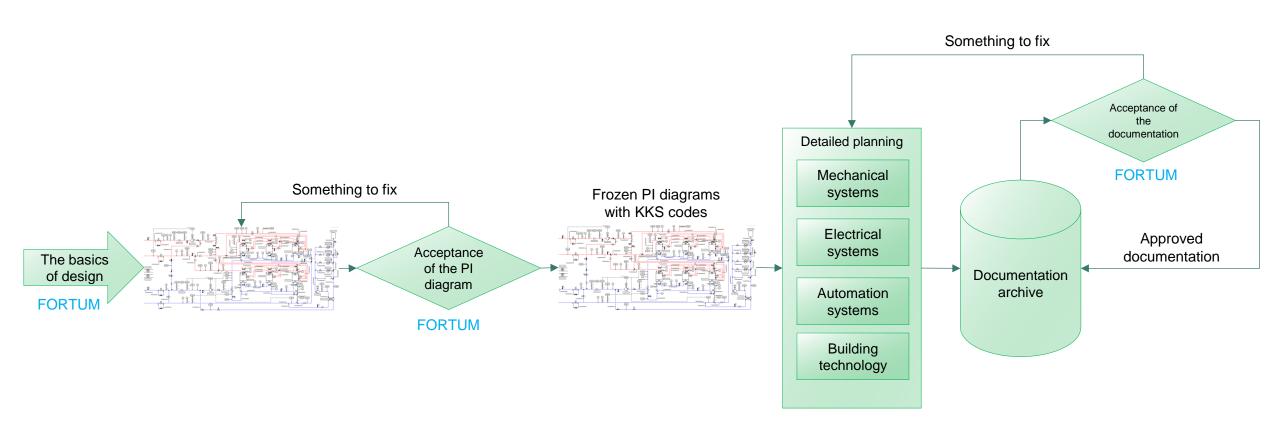
The quality of operation and maintenance process = Asset 360





Processes that need to be in order:

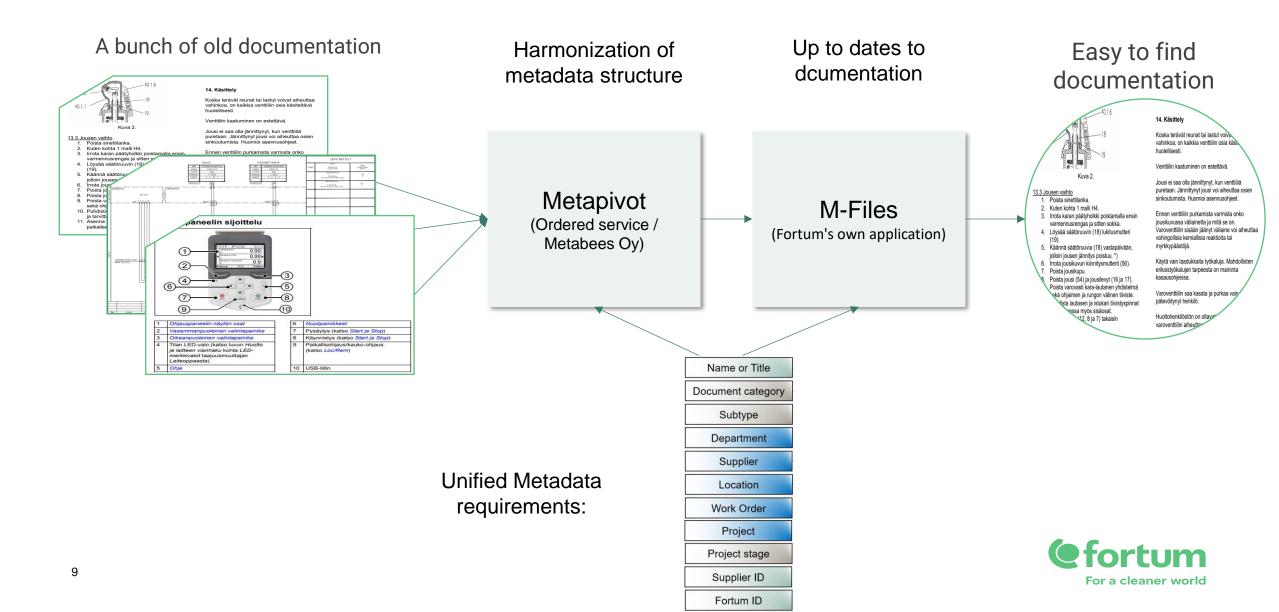
The quality of planning process and documentation metadata





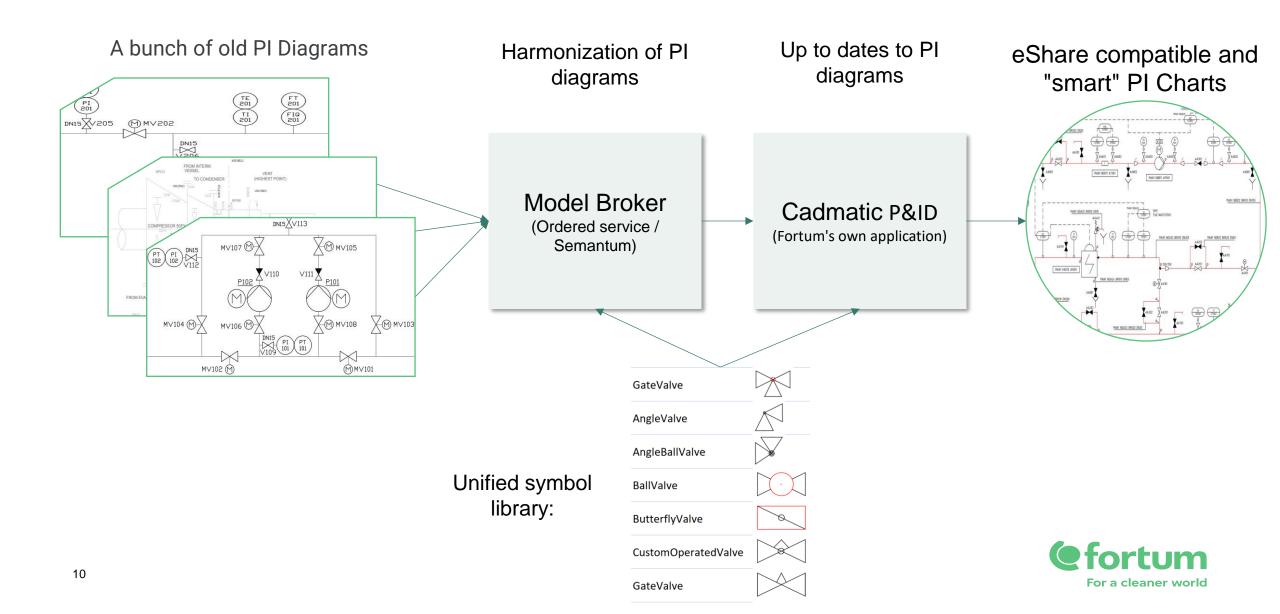
Processes that need to be in order:

Data quality is improved by harmonizing metadata of documentation



Processes that need to be in order:

Data quality is improved by <u>harmonizing PI diagrams</u>



The next goal is the visualization of the isolation plans

