

Asset Information Management (AIM) Strategies

Accurate and complete asset information is the foundation upon which all maintenance and reliability strategies are built. Condition Based Management (CBM), Reliability Centered Management (RCM), and Enterprise Asset Management (EAM) all require accurate asset information.

Modern CMMS and EAM software programs have the ability to store and analyze huge amounts of asset information. Most of this power is wasted since companies typically don't have the information in a form that can be easily utilized by the CMMS/EAM software.

It is not just data collection — it is a basis for warranty information, it is required for proper PM design, and it is the root of a successful asset management program.

Every company has asset information, but it is typically in several forms in several places. An individual asset may have nameplate data physically attached, its location information shown on the original construction blue print stored in the engineering department, functional relationships noted on a configuration management document, and warranty information in a filing cabinet.

Asset information management typically becomes an important issue when a new plant is built, when a new EAM system is installed, when due-diligence is performed related to a plant's sale, and when top management asks for a change in maintenance strategy.

Asset Information – What Is It?

- Name plate data: (horsepower, flow rate, date in service; manufacturer; serial number)
- Physical location: (floor, elevation, GPS, photo, etc.)
- Associated documents: (drawings, configuration, warranty, etc.)

Why You Need It

- Helps define equipment hierarchy and structure
- Clearly defines equipment bill of materials (BoM) and parts ID
- Lets plant personnel associate parts with specific BoM's
- Facilitates spare parts recommendations and parts lists
- Facilitates inventory management and control
- Provides the basis for designing your PM program
- Provides the catalyst for strong EAM Payoff

It's one thing to have people who know EAM software; it's another thing to have people who also have the equipment subject matter expertise that is crucial to accurate asset identification, data management and input. **Synterprise has that unique capability.**

Synterprise Methodology

Industry Specialist Who Know the Equipment

Effective Asset Information Management depends on the competency of the individuals collecting and organizing the information. Unlike IT-based “data collection” companies, Synterprise uses people who understand plant operations and maintenance from personal experience. Synterprise consultants can easily locate and identify most assets because they have seen similar assets many times before. This approach provides clients more accurate and more complete information faster and at less cost. Familiarity with plant assets also decreases the risk of incorrect information for an asset that could negatively impact long-term maintenance costs and employee safety.

“Asset Information Management deliverables support cost reductions in new projects by 4% of capital expenditures. Improving maintenance management save direct maintenance costs by 2% to 5% and leads to improved plant availability”. Dalip Dud, Shell Oil

Proprietary Data Transfer Software



Synterprise consultants know how to structure asset data in a manner that the data can be easily transferred into the appropriate fields in your EAM/CMMS software. This proprietary data transfer software has already been used to transfer data into several major EAM/CMMS products – SAP, Maximo, Avantis – and is easily adaptable to other EAM/CMMS products.

Synterprise uses a proven proprietary methodology to collect, organize, and transfer asset information. This methodology uses hand-held data-collection devices that download data into a database specifically designed for easy organization and transfer of data.

Synterprise Consultants Use “State of the Art” Technology

Synterprise provides a “turn-key” solution. Consultants will arrive with hand-held units appropriate to the specific situation. They will build custom data collection screens on hand-held units using “best of breed” DataSplice technology. Data will then be processed using Synterprise proprietary software, tested for data integrity and downloaded into the associated EAM/CMMS fields.

Every successful maintenance and reliability improvement program requires accurate and complete asset information entered in the EAM/CMMS software. Synterprise methodology and technology make this process easy and low cost. Get prepared for improved maintenance and reliability.

Do it now.

