

# The Effectiveness Company Enterprise Asset Management



**Enterprise Asset Management (EAM) means the whole life optimal management of the physical assets of an organisation to maximize value.**

The Effectiveness Company's Enterprise Asset Management solution includes comprehensive asset management capabilities at its core to help companies achieve maximum asset availability by reducing unplanned breakdowns, as well as streamlining work practices, enhancing equipment life and minimising equipment lifecycle costs.



**EFFECTIVENESS COMPANY**

## The Challenge

Enterprise Asset Management (EAM) means the whole life optimal management of the physical assets of an organisation to maximize value. It covers such things as the design, construction, commissioning, operations, maintenance and decommissioning or replacement of plant, equipment and facilities. "Enterprise" refers to the management of the assets across departments, locations, facilities and, in some cases, business units. By managing assets across the facility, organisations can improve utilisation and performance, reduce capital costs, reduce asset-related operating costs, extend asset life and subsequently improve ROA (return on assets).

Enterprise Asset Management is the business processes and enabling information systems that support management of an organisation's assets, both physical (such as buildings, equipment, infrastructure etc.) and non-physical:

- Physical asset management: The practice of managing the whole life cycle (design, construction, commissioning, operating, maintaining, repairing, modifying, replacing and decommissioning/disposal) of physical assets such as structures, production and service plant, buildings and other physical assets. Infrastructure asset management expands on this theme in relation to all of the critically important sectors of the South African economy.
- Fixed assets management: An accounting process that seeks to track fixed assets for the purposes of financial accounting.
- IT asset management: The set of business practices that join financial, contractual and inventory functions to support life cycle management and strategic decision making for the IT environment. This is also one of the processes defined within IT service management.
- Digital asset management: A form of electronic media content management that includes digital assets.

## The Solution

The Effectiveness Company's Enterprise Asset Management solution includes comprehensive asset management capabilities at its core to help companies achieve maximum asset availability by reducing unplanned breakdowns, as well as streamlining work practices, enhancing equipment life and minimising equipment lifecycle costs.

Our solution has provisions to set up and manage a maintenance organisation including an unlimited hierarchy of geographical, functional, or planning attributes. Tools are tracked in a flexible inventory system that includes serial numbers and hourly rates amongst others. An asset induction process includes equipment definitions along with cost centre details. Failure groups can be established to aid in failure analysis and prevention.

We cater for work management with tasks and procedures along with defined work elements. Work logs facilitate log book reporting of incidents and observations. Work requests feature automatic routing based on rules with completion status tracking. A complete work order system ensures tracking and control of assets and labour costs while a planning and scheduling system prioritizes work orders based on parts availability.

Maintenance scheduling can be both preventative and predictive based. Schedules can be defined based on time or usage along with consumption parameters such as operating hours or fuel consumed. Rules can be applied to link maintenance to other equipment, availability, seasonal considerations, as well as inspections and observations.

Asset Management includes real time integration (RTI) capabilities

with standard SABS and ISO 9001 Industrial controls.

## The Benefits

There are a number of benefits associated with Enterprise Asset Management Outsourcing:

- Cost Savings – better alignment between cost structure and revenues
- Focus on Core Business – increased focus on clients
- Risk Management – managed risk through specific requirements mandated by well defined SLAs to ensure quality and control

## The Services

Enterprise Asset Management is the optimal management of the physical assets of an organisation to maximise value; across departments, locations, facilities and, in some cases, business units. By managing assets across the facility, The Effectiveness Company can provide:

- Asset location
- Bar-coding and tagging
- Database creation
- Ongoing outsourced management
- Procurement
- Monitoring BEE Spend against Target
- Insurance
- Maintenance
- New Equipment Management



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