

Enterprise Assets

Asset management system



The daily routine of a Water distribution company is built up of many different work processes, often involving several people from different departments within the company.

Enterprise Assets - Asset management system categorises the entire distribution network of a utility into a traceable network starting from the reservoir or source through distribution channels, various pumping stations and overhead tanks down to the end customer.

With Enterprise assets, you can manage physical assets in stations, pump houses, Distribution lines, capital equipment, vehicle fleets, and facility complexes – over the entire life cycle of the asset. In conjunction with its powerful reporting and analysis functionality, the software helps you reduce operating costs, better manage capital expenditure, and improve asset utilization. In addition, your staff gets straightforward, role-based access to their tasks – including maintenance planning, maintenance scheduling, and maintenance execution – which increases their efficiency.

The Enterprise Asset solution provides end-to-end, integrated functionality for complete enterprise asset management.

Personnel in the project monitoring, planning, operations and maintenance departments can all quickly and simply retrieve and enter information in the asset management system.

The solution is designed to enable you to increase the collaboration between your maintenance and operations departments via process automation integration. Information can be accessed from anywhere in the organisation. Making it quick and easy to produce fault reporting which is vital in guiding to take the most appropriate action.

Simplifies integration and improves accessibility

An asset management system contains a large amount of basic network data and is naturally a key component for much of the workflow in a modern water distribution company. The same system is also a very important source of information that, when exploited effectively, can mean big savings in the form of better operating, maintenance and investment decisions. These cost-saving benefits can be further amplified by well functioning integration with associated enterprise systems.



Centralised information

Enterprise Assets offers an asset management solution that connects all the departments and disciplines within a company. This provides companies with the opportunity to gather and centralize information and to work together as a completely integrated unit. Enterprise Assets also provides utilities with the prerequisites for creating constantly up-to-date information and decision-making data. It also gives the invaluable support necessary for the company's strategic and operative processes, as well as being an efficient tool for increased availability, productivity, and profitability.

Optimised Work Management and Field Service

With so much invested in capital assets and equipment in the field, optimising field service operation is critical. The goal is to send the right engineer to the right place at the right time, with the right tools and spares for the job. From the initial call centre interaction to scheduling the work, dispatching the engineer, completing the job and closing the ticket, Enterprise Assets manages the information flow for streamlined and efficient operation. And with support for laptops and wireless devices, your field engineers can access and update centrally-held information in real time, from the job site.

No missing assets

Reconciling the asset register with physical assets in the field is a perennial problem, especially when the assets are buried beneath the street. Enterprise Assets enables asset information and integration with third party GIS applications to view the stored data. Accurate geospatial information helps with asset location, reducing the level of asset write-offs and protecting the integrity of the balance sheet. It also improves operational safety and effectiveness, by identifying

the location of hazards and reducing the time taken to complete the job.

Condition based maintenance

The most common way to perform preventive maintenance is calendar-based. This is often based on a combination of experience and manufacturers' recommendation. Unfortunately, this approach increases the probability of unneeded maintenance that stretches resources and increases the risk of damage due to unnecessary wear and tear. Basing maintenance on the actual condition of the equipment is an altogether better approach. But to do this equipment must be continually monitored and all aspects of its performance levels recorded. With Enterprise Assets it is possible to switch from calendar-based maintenance to condition based maintenance. This means higher levels of efficiency, which ensures maintenance of a higher quality and lower cost.

Enterprise Assets Integrates with works management system hence the assets are created on categorisation of work, thus avoiding the need for manually updating the asset inventory into the system

Reduced inventory

Enterprise Assets links closely with Enterprise Inventory management thereby reducing the size of inventory, you can free up a lot of cash which can be used for other activities. Since the cost of downtime can be very high you need to ensure availability of critical spare parts. With tight integration of the procurement processes to the Enterprise Assets, you can ensure parts availability and implement a more efficient approach to your operational maintenance.





Key benefits

- Get a complete view of all your distribution network assets along with its components
- Experience real-time visibility of asset performance and maintenance
- Manage physical assets from purchase to end of life
- Reduce maintenance costs and improve your uptime by shifting over from traditional preventive maintenance to condition based and/or predictive maintenance.
- Utilize your workforce and other resources more efficiently.
- Reduce the amount of capital tied up in your stock inventory by standardizing on fewer parts and raise the level of efficiency on inventory and procurement management.
- Boost revenue by managing service more efficiently
- Improve efficiency with integrated project management and centralized information
- Improve financial reporting and analysis by capturing all service, maintenance and repair revenues

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