Tigernix

We are users too

TigernixEAM

Enterprise Asset Management System

SOLUTION OVERVIEW

Streamline your asset management functions in line with lean six sigma concept to be smarter, faster and better, more effective, and efficient than ever before. TigernixEAM is here to transform the asset management in your organization introducing automation to all your asset management operations. This web-based solution with many useful functions will take care of many day-to-day tasks related to asset management on your behalf, offering a new level of operational efficiency.

TigernixEAM helps you reduce manual errors while enabling you to track, manage, and monitor all your asset management functions right from your screen. It allows you to prioritize repairs and track repair progress and more while enabling you effective communication between all the parties involved in the process.

Comprised of many functions to help you avoid unexpected asset breakdowns and reduce downtime, our software solution will reduce delays in your operations due to breakdowns. Helping you save money, time, and hassle, TigernixEAM will bring the best benefits of the latest digital technology to your organization's asset management operations. Have better visibility and control and enforce better asset safety standards with ease with TigernixEAM

ADVANTAGES

Manage assets

Comes with an array of modules with a long list of functions in each, TigernixEAM enables you to manage all your physical assets easier than ever before through automation. The system will automate all your processes and operations in asset management in your organization, thereby allowing you to keep track of your assets without any hassle.

The system will let you track, monitor, and manage your assets throughout the asset life cycle, helping you predict breakdowns. It will enable you to view asset usage, repairs, and replacements required to ensure optimum performance, thus improving the longevity of assets.

Effective maintenance planning and scheduling

Keeping track of all your asset maintenance work can get complicated and overwhelming in no time. With TigernixEAM now, you can enjoy effortless maintenance planning and scheduling, leading you to effective repairs. The system will identify and prioritize the maintenance work of your assets, taking asset importance, material sourcing time, and labour availability into account.

Our solution will take care of the maintenance planning from work order generation, material management, inventory, budgeting to labour recruitment, thus ensuring a fast and effective maintenance process.

Reduce equipment downtime

Reducing equipment downtime allows you to avoid unnecessary delays in the day to day operations. But this is not easy to achieve when you have a large plant or several assets. Our software has developed to help you speed up your asset maintenance work, thereby reducing the downtime in a way you never thought was possible before.

The system will identify malfunctions and break downs before they manifest and speed up the maintenance work during break downs, with effective management of work orders, labours, material sourcing, and contracts.

Ensuring regularity compliances

Ensuring all your assets are in accordance with the safety standards is essential to provide your employees with a safe work environment. Our EAM solution comes with special in built functions to help you ensure all your assets comply with the regulatory standards.

The system will regularly check the asset condition against the regulatory standards and report you effectively when repairs and maintenance are needed.

BASIC FUNCTIONALITIES

Asset Defects Management

Asset defects delay your operations, affecting customer satisfaction as well as your bottom line. Our Asset Defect Management module of TigernixEAM helps you identify defects effectively and start immediate repairs or replacements, reducing your downtime. The module also comes with functions to help you prioritize your repairs easily.

- Monitor asset for defects
- Colour coding system to prioritize defect repairs

Asset Failure Predictive Analytics

If you can accurately predict asset failures before they manifest, you can reduce downtimes and ensure a smooth workflow. Developed to help you do just that, asset failure predictive analytics module of our solution will keep track of all the performance data of your every asset to predict asset failures. It will save you time, money and labour hours spent on manual inspections

- Asset performance data management
- Advanced algorithm to detect asset malfunctions
- Data visualization tools

Asset Failure Machine Learning

Providing you with your own AI or artificial intelligence for your asset management functions, TigernixEAM enables you to operate and analyze large volumes of data related to your asset management fast and provide you with useful insights.

The Asset Failure Machine Learning modules bring the benefits of the next-generation AI technology to your organization, allowing you to speed up your data processing and analyzing process.

- AI developed especially for asset failure management
- Advance data analyzing tools

Asset Decay Matrix

Decay matrices are essential to have a clear understanding of the deterioration of your assets.

Aiding you in developing useful asset decay matrixes for all the stages in the asset life cycle, the module will help you track the evolution of the asset with time and keep a close look at its deterioration.

- Asset decay matrix development

Asset Lifecycle Management/ Asset Performance Management

Taking the complexity out of your asset life cycle and asset performance management process, the module improves the efficiency of your asset life cycle.

Managing your asset life cycle throughout all the stages from planning, acquisition, operation, maintenance to disposal, TigernixEAM will monitor your asset health through predictive analysis to ensure optimum performance.

- Track, locate and analyze physical assets
- Meter usage measurement
- Asset provision estimations
- Asset acquisition funding management

Asset Failure Modelling

Having an asset failure model can help you speed up your asset maintenance and repair work and ensure high efficiency. Assisting you with developing reliable asset failure models taking essential parameters into account.

The module with the help you speed up your planned maintenance work as well as random failures providing you with reliable and effective prediction techniques, allocation procedures, control procedures and more.

- Asset failure perdition techniques development
- Asset performance analysis methodology development
- Allocation and control procedure development and management

Work Order Management

Managing your work orders effectively is essential to ensure efficient asset maintenance in your organization. Work order management module of TigernixEAM can streamline work order management in your organization, taking care of everything from start to finish. The module will help you generate, manage, monitor, schedule, and reschedule work orders allowing you to have better organization and visibility over your maintenance work orders.

- Cost estimation management
- Work order scheduling
- Labour/resource management
- Track work order progress

Vehicle Management

Manage your fleet with ease with TigernixEAM's vehicle management module. Offering you a range of functions to help you streamline your vehicle management process, the module will automate all your fleet management operations. It will save you time and the hassle in entering and organizing data, thereby giving you a better overview of all of your vehicles.

- Acquisition management
- Capital improvement
- Campaign management
- Disposal management
- Budgeting

Maintenance Management

The effective maintenance management system is vital for the optimal performance of any asset. Our Maintenance Management module of TigernixEAM ensures you improved maintenance management operations in your organization, closely monitoring your assets. Comprised of functions that allow you to keep track of every asset and identify performance lags and predict break downs, the module is also capable of assisting you in speeding up your repairs and other maintenance work to reduce downtime.

- Maintenance policy management
- Inspection scheduling
- Inventory list management
- Labour recruitment management
- Maintenance forecasting

Facilities Management

You have to maintain your facilities well, in order to ensure employees' needs are met and provide a well secure workplace. The facilities management module of TigernixEAM offers you a myriad of useful functions to robust your facilities management operations. Effectively monitoring the facilities management of your organization, the module will track, monitor, manage, and update you on facilities management operations guaranteeing you and your team a safe workspace with optimum comfort.

- Material management
- Labour management
- Warranty management
- Purchasing management
- Contract management

Business Intelligence

Every business collects large volumes of data from every possible channel, yet only a few get used out of it. The BI or Business Intelligence function of TigernixEAM allows you to analyze large volumes of data to identify patterns and forecast future trends.

From the asset life cycle, inventory, labours, material supply to facilities, the tool will analyze all your data. The meaningful insights offered by the tool will also help you make better business decisions with more confidence.

- Advance data analysis
- Data representation tools
- In-depth report generation tools

Document Management

You have to deal with piles of various types of documents every day in your day-to- day asset management operations. This makes document management in asset management overwhelming. Now with the document management module of TigernixEAM, you can manage all the document related to your asset management from one place without having to go through racks of files.

From engineering plans to asset usage records, the module will help you store and organize your data with ease.

- Digital document storage
- Document organization management
- Online access to documents

Asset Engineering

Developed to help you streamline your plant engineering process, the module will introduce automation to your organization's plants. With tools and functions to take care of everything related to plant engineering management from plant design, process design, engineering workflow to plant operations, the module will help you manage the entire plant lifecycle with much more ease and efficiency.

- Plant and process design
- Asset availability and reliability
- Engineering operation management

Inventory Management

Having enough inventory for asset maintenance and repairs is essential to speed up the maintenance process. Enabling you to optimize your inventory for including bill of materials (BOM), the inventory management module will seamlessly integrate with the maintenance management, material management and supply chain management departments to effectively maintain required inventory levels at all times without overstocking.

- Inventory level tracking
- Cost control in inventory management

Materials Management

Material management module of TigernixEAM offers you an array of tools to help you gain better control over your material management process for asset management requirements.

From planning to coordination, the module will take care of all the tasks related to material management of your organization, ensuring smooth material flow to your asset management operations.

- Material demand management
- Cost control
- Collaboration with inventory and purchase departments
- Material availability and quality tracking
- Delivery management

Labor and Scheduling Management

The labour and scheduling management module of TigernixEAM ensures seamless labour and scheduling management with smooth integration with other modules of the software. The module will share information with modules such as maintenance management, work order management, and facilities management to ensure optimum labour performance. The module will identify, fulfill, and keep track of labour requirements for maintenance work in your organization and assign labours effectively depending on their skills to fulfill repairs and other maintenance work.

- Labour availability tracking
- Equipment utilization management
- Job site accessibility management
- Contractual agreement management

Supply Chain Management

A smooth supply chain management is critical to ensure an effective asset management process. Offering you many functions and features to help you manage your supply chain to be effective and accurate, the supply chain management module of our solution ensures you better supply for the demand.

Closely monitoring and tracking the asset management inventory required, the module will ensure fast supply chain process to source what's needed without any interruptions.

- Merchandise planning
- Supplier sourcing
- Cost control management
- Shipping and delivery management

Reporting and Analytics

Providing you with in-depth reports regarding your asset management operations, reporting and analytics module of TigernixEAM increases your opportunities to use the data you collect in a more meaningful manner.

Comes with advanced analytical capabilities, the module will generate reports to help you identify pain points and room for improvements plus recommendations on strategies to implement.

- Advanced analytical tools
- Data visualization tools
- Automated report generation

Reliability/Risk Management

It's a top responsibility of every management to ensure their employees a safe and secure work environment. Our risk and reliability module of TigernixEAM delivers you the best solution to ensure asset reliability while enabling you to manage your asset to comply with the regulations to avoid accidents.

The module will keep a close eye on each asset, thus predicting potential failures so you can be well prepared when failures manifest.

- Asset risk management
- Asset insurance policy management
- Monitor compliance with the law and regulations

CONTACT TIGERNIX

Singapore (Headquarters)

21, Woodlands Close,
#05-47 Primz Bizhub
Singapore 737854

Tel: +(65) 6760 6647
+(65) 6760 6012
+(65) 6762 9293
+(65) 6760 6022

Indonesia

Komp. Tanah Mas Blok E No. 13-14,
Sei Panas,
Batam.
(Samping Bank Riau Kepri)
Indonesia

Tel: +(62) 7784 60373

Australia

Level 14, 167 Eagle
Street, Brisbane,
Queensland 4000,
Australia

Tel: +(61) 7 3012 6312

www.tigernix.com   +(65) 6760 6647   info@tigernix.com