HxGN EAM PowerGen

SOFTWARE FOR POWER GENERATION

We help keep Power Plants Running

Asset Management for leading industry technologies:

Combined Cycle	**Cogeneration**	**Gas Turbine**	**Fossil Fuel Boilers**	**Reciprocating Engine**	**Wind Turbines**	**Steam Turbines**

Management
- Asset Health
- Lifecycle Costing

Engineering
- Asset Management
- MOC
- Documentation

Operations
- Operator Rounds
- Safety

Inventory
- Spare Parts & Materials
- Serialized Parts
- Part Condition

Maintenance
- Corrective, Preventive & Predictive Work
- Workload Balance, Priority
- Backlog Management

VISUALK

HEXAGON
Channel partner

Visual Knowledge
• US • México • Puerto Rico • Costa Rica • Guatemala • El Salvador

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HxGN EAM Modules

Assets
Enables companies to identify, track, locate, and analyze their physical assets and facilitate a measured and automatic use of value transfer to subcomponents.

Asset management by hierarchy
Enables users to track the costs and movements of assets throughout their respective lifecycles.

Asset management services
Allows users define time, materials and labor costs in distribute charges according to commercial agreements for maintenance organizations operating as a business unit and bill customers for the maintenance work they performed.

Audit reports
Provide a flexible way to track information updates, comments and attributes for almost any HxGN EAM field.

Budget management
Automates budget setup and subsequent tracking, monitoring, control, and analysis of associated maintenance expenses.

Configuration Manager
Allows customers to export configurations from their HxGN EAM environment development base to a special XML formatted file.

Depreciation
Provides the ability to calculate and display any of the four asset depreciation methods including straight-line, double-rate over book value, sum of digits and activity-based method.

Inspection Management
Gives companies greater control of condition monitoring while working in conjunction with labor and asset management.

Linear assets
Allows users to define an asset in terms of linear reference details, such as length, unit of measure and geographical reference.

Materials management
Provides tools to monitor and control warehouse inventories. These tools, which include economic order quantity, class calculations and allocations, receipt of parts, issues, returns and cycle counts.

Messenger
Allows user-defined recipients to receive e-mail notifications for pre-defined events, such as the sending or receiving of a request.

Microsoft Project Interface
Provides a true two-way interface between HxGN EAM and Microsoft® Project.

Support for multiple organizations
Offers flexible features for multiple organizations of companies located in different countries that require the use of a variety of currencies and languages.

Preventive maintenance flexibility
Allows preventive maintenance tasks to be performed based on a fixed date, flexible time period, or metered usage.

Project management
Automate complex or simple projects from inception to completion. With the ability to organize budgets, labor and equipment for projects, companies can reduce the amount of time, personnel and money spent on a project.

Purchasing management
Helps companies ensure they are purchasing the right parts and meeting delivery schedules, supplier performance payments and receipts of goods.

Repairable Spares Functionality
Allows customers to designate parts or equipment as repairable and track their status and availability.

Reporting
Allows users to select from a variety of predefined reports including assets, materials, purchasing, schedule, labor, budget analysis, projects and business services.

Upload Utility
Uses web services to insert or update selected tables in HxGN EAM. This facilitates quick insertion of data into the system without the need for manual data upload.

Units of Measurement function
Allows an unlimited number of measurements to be associated with a unit of equipment. Measured usage flows from a customer-defined equipment hierarchy to selected components, eliminating the need for additional metrics.

Warranties and warranty claims
Tracks asset and process warranties with claims and offers unlimited warranties for any asset.

Work Management
Tracks all aspects of work performed on assets, from the installation of new equipment to the issuance of preventive maintenance work orders.

Asset sustainability
Enables companies to monitor their energy consumption at the asset level by taking into account energy demand management with traditional asset management functions to reduce energy consumption and costs.

Alert management
Provides early warnings about existing asset condition trends that occur outside of optimal operating data parameters.

Reliability Management
Ensures that assets are performing their intended functions without failure, for specified periods and under specified conditions to reduce operational, financial and regulatory risks; minimizes costs; promotes turnover and customer satisfaction; and increases employee satisfaction.

Barcoding
Enables users to design and print asset tags, providing greater mobility and systems functionality. Asset tagging streamlines asset tracking and revocation, warranty activation and upgrades, job registration, and other functions.

Infor ION
Easily integrate HxGN and third-party software applications with the Infor Intelligent Open Network (ION). With this intuitive, purpose-built, mid-tier solution, you get a simple, yet powerful and scalable framework to eliminate operational silos, dramatically improve exception management, and achieve unmatched end-to-end efficiency.

Infor Ming.le
The Infor Ming.le platform is embedded into key organizational systems such as enterprise resource planning (ERP) and asset management (EAM), so employees from all areas of your business can communicate and collaborate-sharing information such as documents, blueprints, photos, videos, and more-in one centralized location with all activities captured and easily searchable. You'll be able to organize conversations into company-wide streams; share key screens, information and attachments; have relevant information automatically displayed based on the context of discussions; and help employees across the company work together more effectively.

Some of our customers say:

HxGN EAM helps us to simplify the management of maintenance and purchases, and the HxGN EAM fault analysis tools, allow us to improve equipment availability. VisualK provided excellent support and consulting services during the implementation process, and we continue to maintain daily communication after going live.

**Rafael Lopez, Plant manager,
La libertad Electric Company**

HxGN solutions are ultimately the best choice in the market for optimizing organizational processes due to the breadth and depth of solutions and the ease of integration of them. Working with VISUALK, an HxGN-certified power generation solution partner, has been a great experience.

**Luis Pozuelos, IT Manager,
Generadora Eléctrica del Norte**

Benefits of using HxGN EAM for Power Generation:

- Improve the performance of your assets
- Reduce operative costs while improving the equipment's availability and efficiency
- Increase work productivity up to 20%
- Reduce spare parts inventory and free operating cash
- Improves regulatory compliance

We are Hexagon Partner

Hexagon

Hexagon is a global leader in digital reality solutions.

Combining sensor, software and autonomous technologies. They are putting data to work to boost efficiency, productivity, quality and safety across industrial and mobility applications.

Technologies are shaping production and people related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Suecia	**22.000**	**3.8M+**	**50+**
Headquarters	Employees	Sales	Countries

Visual Knowledge

We provide solution to your information needs

We help companies to focus on core, revenue-generating activities, delivering value to customers. By using HxGN´s software and our services to automate operations, streamline processes and access real-time business information anytime, anywhere, growing businesses realize breakthrough performance improvements.

Our goal is to deliver lasting return on investment, long-term sustainability, and the flexibility to adapt and grow. We understand that one size fits all software doesn't meet your business requirements. That's why we focus on provide software for key verticals that have specialized needs.

20+	**20+**	**50+**	**150+**
Years of experience	Countries	Professionals	Active customers

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