

CEREXIO EMP

Cerexio EMP is labelled Singapore's most efficient Energy Management Platform for it inherited the newly-fangled digital capabilities for modern industrial, corporate and commercial practitioners. With intuitive industry 4.0 adaptability, this solution is proven to make all energy management efforts of site, factory, plant and facility managers easier, faster and success-guaranteed.

Connect with Cerexio to explore an efficient energy analytics like no other!



KEY HIGHLIGHTS

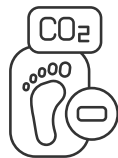
Skyrocket the Sustainability Levels of Your Premises Within a Blink of An Eye!

Cerexio EMP constructs a connection that links your company's strategies, logistical processes, production activities, and live process management mechanisms through top-tier integration, resilience, and speed. Acquaint yourself with the main standout features of your preferred EMP counterpart.



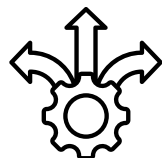
MITIGATE ENERGY CONSUMPTION

Identify your primary sources of energy consumption, encompassing equipment, utility setups, and operational procedures, then curtail energy inefficiency by employing Cerexio EMP's intelligent systems for energy assessment and surveillance.



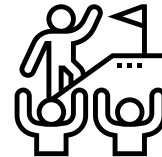
NET-ZERO CARBON EMISSIONS

Cerexio EMP acts as a solution to enable outstanding carbon emission profile updates for industry experts looking from a greener perspective. It brings down your greenhouse gas levels to agreeable states with AI.



FLEXIBLE ENERGY COMPLIANCES

It aids ISO 50001 compliance while evaluating energy efficiency. The platform follows GHG Protocol, using SECR and CDP standards to prevent redundancy, allocate responsibility, and promote life cycle analysis.



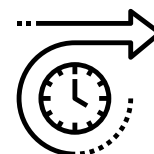
FORESEE ADVANTAGES TODAY

Harness sophisticated AI models incorporated in Cerexio EMP endowed with potent predictive and advisory capacities to assess a multitude of monitoring variables throughout each dynamic energy event using simulation technology.



ECO-FRIENDLY AND BUDGET-FRIENDLY

Empowers energy managers to preemptively scrutinise energy KPIs about your locations, structures, and amenities, resulting in a comprehensive compilation of emissions data, CO2 profiles, and forthcoming financial projections.



STEP INTO INDUSTRY 4.0

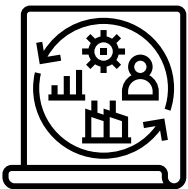
Cerexio EMP stands out with industry 4.0 visualisation, offering simulation, immersive interactivity, and virtual tours. Its AI-driven core models enhance efficiency, while IoT sensors enable real-time energy optimisation decisions.

CEREXIO EMP MODULES

Empowering Net-zero Facilities with Actionable Insights by Enabling the Best Energy Platform in Singapore

Cerexio EMP is upgraded with industry 4.0-defined capabilities to pinpoint resource-saving opportunities by integrating a multitude of energy data types into one consolidated data-rich hub. Stay tuned with Cerexio EMP to boost your business savings with a personalised platform to execute smart energy monitoring, analysing and evaluating system.

Adaptable Load Projection Model



Utilise a load projection model that has the ability to project load analyses using historical and IoT-generated data, producing insightful information that may be used in future initiatives.

Catch Energy-Offending Equipment



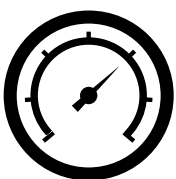
Create comprehensive reports of the most energy-using zone of your facilities and understand the trends of inefficient operations in your facility to accumulate significant savings over time with Cerexio EMP.

Complete Consumption Profiles



Utilise Cerexio EMP's easy dashboard to centralise all energy usage measurements, including data from CSV and APIs. Establish baselines, keep track of data from all metres and submeters, logically classify the information and more.

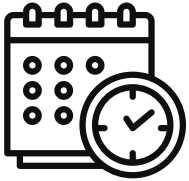
Concurrent Meter Integration



It delivers an improved setup and return on investment (ROI) during the assimilation process, thus, shortening the metre installation process and lowering the cost of setting up energy oversight systems.

CEREXIO MES MODULES

Coordinating Intelligent Exchange Timetables



Cerexio EMP ensures effective resource allocation by evaluating ancillary service requirements and optimising energy scheduling based on practical power needs and use.

Director of Infrastructure Oversight



This solution streamlines and intertwines processes, optimising synchronised energy efficiency by enabling the AI models to categorise the strata of your critical power-propelled systems and identify abnormal operating trends.

Energy Preservation Supervisor



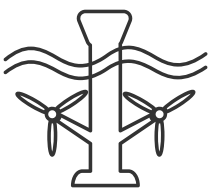
Manage the fundamental aspects of several projects using a single, scalable interface and incorporate modern analysis techniques to model various energy usage situations.

Failure-proof Energy Strategies



Based on smart alarm systems to deliver notifications when consumption increases and pre-defined key performance parameters, Cerexio EMP offers protection against unexpected energy usage in dynamic facility operations.

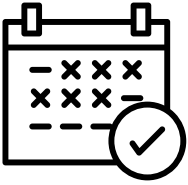
Heat-Induced Energy Dissipation Monitor



Employ predictive technology to visually display highly significant anomalous heat patterns, assisting in the reduction of energy losses in your asset-heavy facilities.

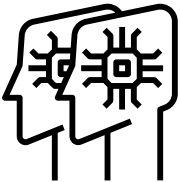
CEREXIO MES MODULES

Intelligent Reserves Analysis



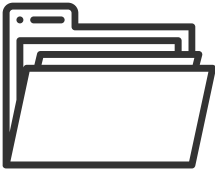
Maintain scheduled frequencies while ensuring the dependable operation of an isolated or connected power network and determine the availability of sufficient generation capacity to guard against the loss of critical loads due to system disturbances.

Platform for Simulative Digital Twin



Ensure that centralised power plants are functioning at the best possible triangulation of cost, risk, and performance by facilitating interactive 2D/3D simulation platforms.

Utility Document Manager



Cerexio EMP has modules to manage documents of your utility bills to monitor, trace and analyse the consumption KPIs of your power consumption and understand the budgetary requirements during peak power demands in a fast and simple manner.

DID YOU KNOW?

CEREXIO EMP CAN BE REGARDED AS SINGAPORE'S MOST EFFICIENT ENERGY MANAGEMENT PLATFORM BECAUSE IT ENABLES UNCHALLENGEABLE NEW-AGE CAPABILITIES USING AI, IIOT, IMMERSIVE TECHNOLOGY AND MORE

BENEFITS

Go Greener. Save More. Sustain Evermore.

With a CO2 reduction effect of 5% to 10%, Cerexio EMP is an energy-saving improvement support system that lowers energy expenditures and CO2 emissions in energy production systems, including factory heat source equipment and regional cooling/heating systems. Learn more benefits you can grasp by employing this game-changing solution:



CONFIDENT PRODUCTIVITY

Employees' productivity can be improved when their equipment requires maintenance by setting up automatic alerts. You won't have to be concerned about forgetting to accommodate reactive repairs thanks to this.



HIGHLY CONFIGURABLE

Unlike most Energy Management Platforms, Cerexio EMP is a framework that can support any type of energy management system (decentralised, hierarchical or centralised) for it is highly scalable and configurable.



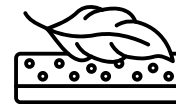
ONE ACCESS. ALL BENEFITS

Build a secured vision in your net-zero visions by achieving comprehensive ESG data coverages in all asset classes by navigating energy management decisions with actionable insights.



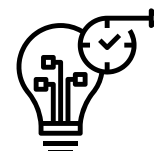
HEAT SOURCE PRIORITISATION

Reschedule orders onstream to ensure that no otiose cost, effort or time is invested in industrial operations that produce extra heat- thus power surges that affect the profit and environment safety of your company.



LEVELLING-UP COMFORT LEVELS

Actions insights of smart thermostats can be used to configure temperature settings based on the season to increase comfort levels. For example, shutting off electric systems when rooms are vacant.



STEP INTO THE FUTURE

Use AI, digital twin, simulation, IIoT, 5G connectivity and a range of other not-to-be-missed digital capabilities that can optimise your energy-saving efforts to their best levels in terms of efficiency and accuracy.

INDUSTRIES

Cerexio offers energy-saving solutions for factory and facility managers to achieve multi-dimensional energy-saving termini across plant and shop floors singularly. This solution can be implemented to optimise energy savings in 50+ industries, corporate and commercial arenas including:

- Airports
- Big-box Stores
- Education Facilities
- Factories
- Laboratories
- Logistics Platforms
- Office Complexes
- Residential Areas
- Shopping Centres
- Stadiums and Recreation Centres
- Train Stations
- Warehouses

CONTACT US

Don't Hesitate to Get in Touch With Us for Further Clarification or to Book a Demo This Week. The Contact Particulars of Our Company Are as Below:

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