

IdentiQ™: fact sheet

Step into clarity

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IdentiQ uses digital twin technology with state-of-the-art data visualization, to provide clear operational insights in real time.

With seamless handling of a wide range of data types, powerful analytics and specific domain knowledge, IdentiQ lets you store and analyze site information on a single platform.

What is IdentiQ?

It's your system, recreated digitally. It's designed to monitor and automate the system it replicates, enabling optimization across the entire lifecycle.

The IdentiQ advantage



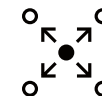
Simple to implement and use

Effortless set-up. User-friendly dashboard enables you to identify challenges and opportunities



Smart technology to improve decision making

Connect engineering and real-time operations data for advanced analytics and enhanced troubleshooting



Scalable solution

Modular and customizable. Easily adapted to meet your requirements and individual operator needs



Supportive and secure

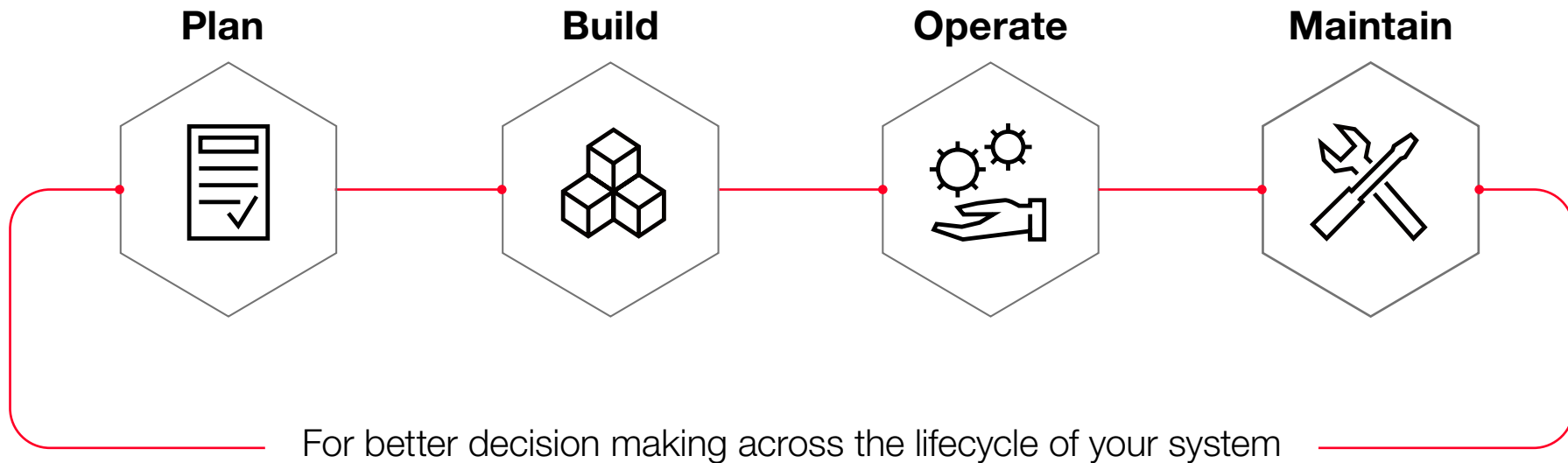
24/7 remote support. Complete data privacy and integrity for secure remote connection

Complete lifecycle management

Tackling complexity means better collaboration

As projects and operations become more complex, you not only require deeper and faster insights, you also need a simple way to collaborate with colleagues, archive key information and share learning digitally.

IdentiQ allows you to easily organize and share documents across all phases of the lifecycle. That means you can easily upload and access important documents from the earliest planning drawings to maintenance reports, asset manuals and videos.



Make IdentiQ work for you

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Select the required advanced modules to build a scalable solution, tailored to your facility



Training & HSE

Complete program featuring 3D visualization, VR, instruction videos and more.

Create color 3D overlays to designate safe/hazardous zones.



Spatial viewer

Dynamic 3D system modeling lets you inspect specific assets.

Connect models with your assets and dashboard.

Turn 2D drawings such as SLDs to interactive and dynamic files.

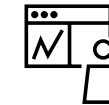
3D scan with your iPad/iPhone and instantly upload and connect.



3rd party integrations

Integrate information from sensors, such as: Heating, vibration and much more.

Integrate with existing asset management systems.

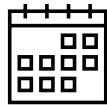


MACH™ Information Management System (MIMS)

Collect, aggregate and store system data for deeper analysis.

Ensure reliability by continuously logging and visualizing site data.

Supports OPC, Modbus, and REST-API.



Timeline scheduler

Visualize, track, group and connect events to assets.

Seamless creation and connection of task with types, tasks, notes and comments.



Dynamic documentation

Upload, store and manage all files – from asset drawings to instructions manuals to videos.



Analytics

Superior performance and condition monitoring.

Detect system anomalies through MIMS.

Predictive maintenance capabilities.



Asset properties

Get 3D BIM data directly from CAD.

View currents, loads, voltage levels and more.

Access asset data through your camera in seconds with QR.

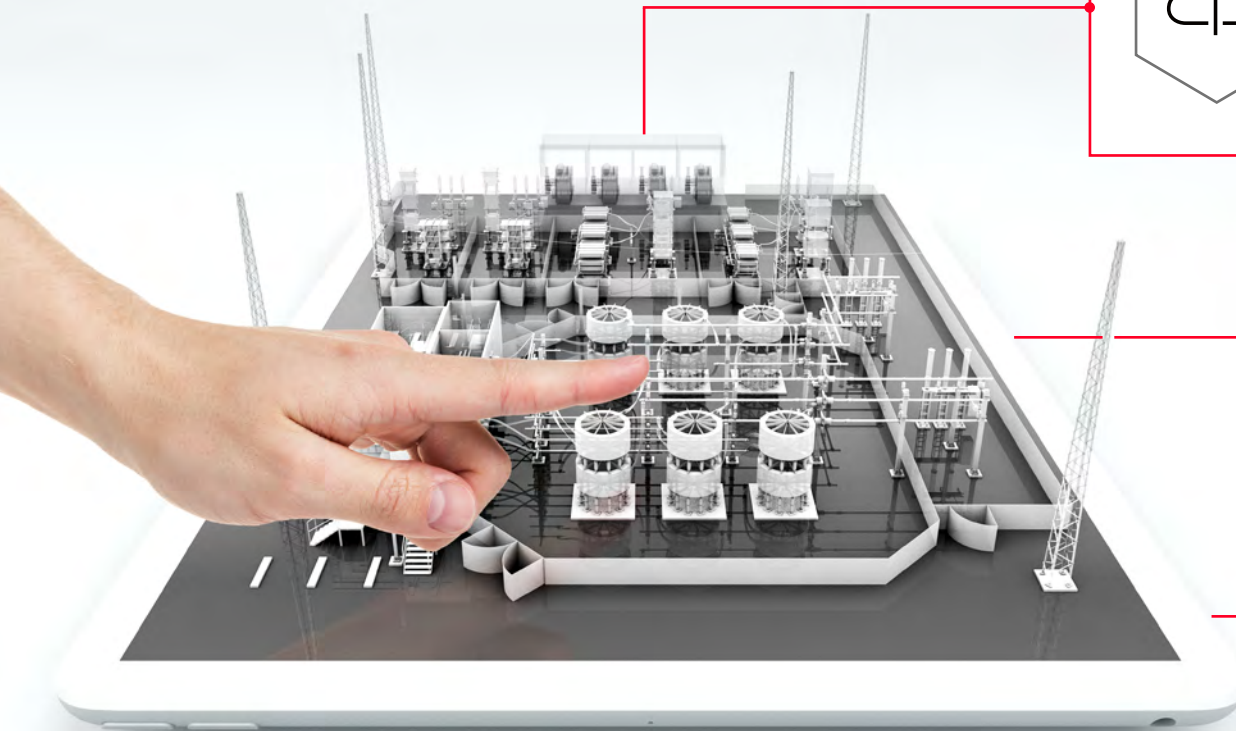
Quick & easy implementation

We'll get you up and running in no time

Our domain experts offer full support and on-boarding across the Hitachi Energy solution portfolio. Together, we'll ensure an optimal start to your IdentiQ journey.

Flexible deployment

We know that different facilities have different needs and security protocols, that's why we offer three different ways to deploy IdentiQ:



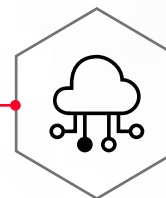
RECOMMENDED



Option 1

CLOUD ENVIRONMENT

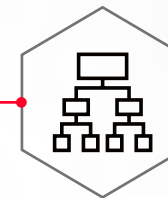
Full IdentiQ functionality, with cloud-hosted dashboard and services secured by Microsoft.



Option 2

ON YOUR COMPANY CLOUD

IdentiQ services integrated into your existing cloud environment.



Option 3

ON PREMISE

Local connection options for on-site operators. Get in touch for availability.

Looking for clarity?

How IdentiQ solves your challenges

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Unconsolidated historic data

Chief of Technology

Timeline recording

- IdentiQ automatically logs all system events, along with all manual tasks that occurred during that time.

Intuitive organization

- Attachments like reports and videos can be connected to their specific events.

Complete transparency

- All relevant data is immediately accessible and visualized in the 3D spatial viewer.

Key benefit

- Optimum efficiency with all plant information in one place.



No access to risk-free critical incident training

Head of Operations & Maintenance

Run emergency scenarios safely

- Virtual reality and 3D simulations help your people practice escape routes and gain real-world experience without risk.

Key benefit

- Enhanced safety strategies.



Safety training needs optimization

Regional HSE Officer

Innovative training module

- IdentiQ's training uses 3D models, AR and VR technology to enable deeper, long-term learning.

Access the latest teaching

- Download digital updates and training modules as they become available.

Integrated tracking and scheduling

- Track training and activities to ensure that everyone stays sharp.

Key benefit

- Enhanced training engagement and simplified management.



Fault resolution records go missing

Head of Asset Management

Take the pain out of reporting

- It's easy to document and timestamp fault reports in the Timeline scheduler module.

Simple knowledge sharing

- IdentiQ lets anyone record and upload their activities via a phone or tablet.

Create dynamic documentation

- Learn from other users with lists and step-by-step guides created by experienced colleagues.

Key benefit

- Increased productivity through enhanced knowledge sharing.



Find your IdentiQ package

Whatever the size of your facility, you'll find the IdentiQ solution that works for you.

Choose from the static data Starter package or level up with real-time data with the Professional or Professional Plus solution.

MODULE NAME	FEATURE EXPLANATION	STARTER	PROFESSIONAL	PROFESSIONAL PLUS
Spatial viewer	View dynamic visual representations of your site in 3D and single line formats.	4	4	4
Dynamic documentation	Connect, manage and store asset drawings, media and instruction guides.	4	4	4
Timeline scheduler	Plot all past, present and future user activities.	4	4	4
Asset properties	Get a clear view of ratings, bills of materials and spares.	4	4	4
HSE	Highlights important/crucial areas in 3D and 2D, using color perimeters in 3D.	4	4	4
Training	Structure views so that training content is displayed and connected to each asset.	4	4	4
MIMS & data visualization	Store crucial information from your main computer e.g. charts, asset information, monitoring, operations and health data. (Subscription-based)		4	4
Condition monitoring	Monitor your assets with TFRs, events, alarms, and condition/performance algorithms.		4	4
Advanced condition monitoring	Enables advanced condition monitoring for deeper analysis and insight.			4
Advanced timeline scheduler	Utilize with integrated system IoT events & alarms, and real-time *MIMS information.			4
				Coming in 2023
Digital Twin customization	3rd party Integrations through API connections based on separate request, to e.g., ERP systems			

MIMS = MACH™ Information Management System. Requires pre-installed datalogger from Hitachi Energy

Need something more specific?

We can support with a co-created, tailored solution.

Simply get in touch to discuss your needs.

Contact us