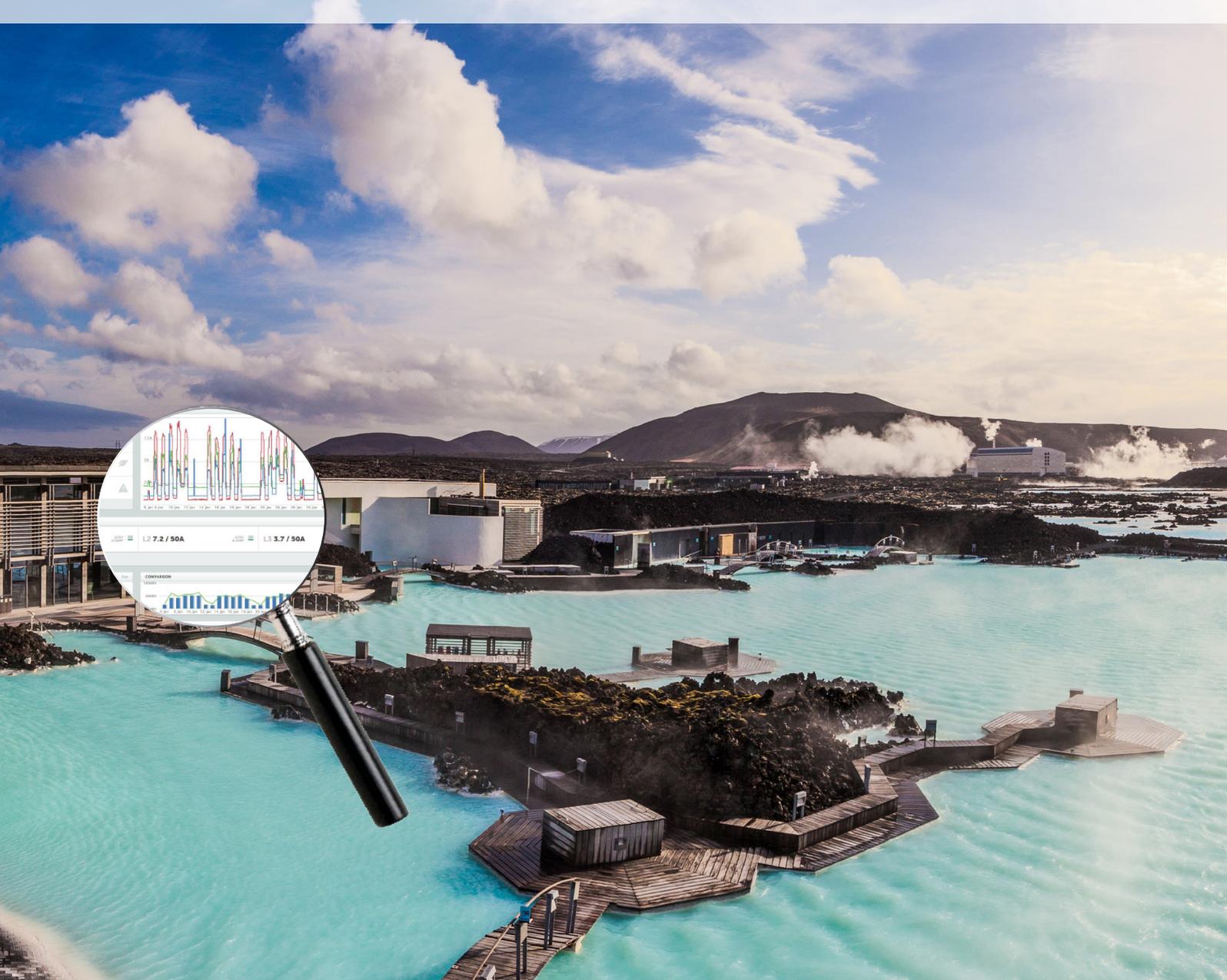




## Energy Monitoring System



**You can't manage what you don't measure**  
Save on energy cost & increase reliability

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# GAIN CRITICAL KNOWLEDGE ABOUT ELECTRICITY AND ENERGY USAGE

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Measure and monitor electricity down to each circuit breaker within your facility.

Receive real-time alerts based on abnormal usage and fix problems before they become hazardous or expensive.

Take a conscious approach to energy management and reduce your carbon footprint.

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## KEY BENEFITS OF eTactica

### Improve Control and Maintenance:

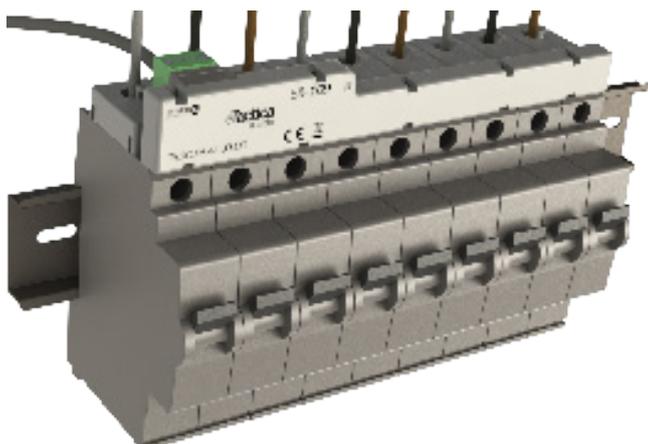
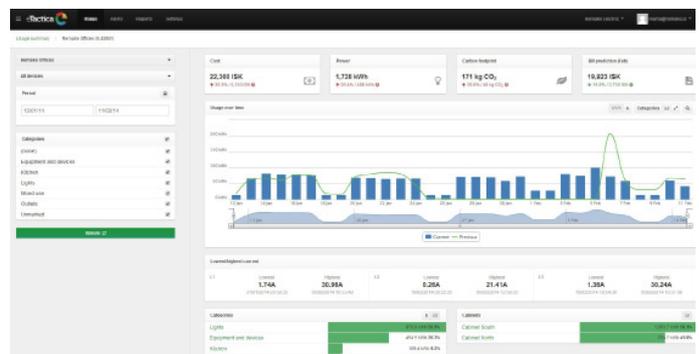
- Get real-time overload alerts (ex. Risk of overheating)
- Detect load deviation early on (ex. Clogged filters in HVAC)
- Identify unnecessary usage (ex. lights on in unoccupied spaces)
- Anticipate critical equipment failures (ex. freezers, motors)

### Precisely Analyse Energy Consumption:

- Save on energy expenses
- Estimate future energy bills
- Get a breakdown of costs per location, category, circuit breaker, and more.
- Benchmark locations

### Be Socially Responsible:

- Decrease energy waste
- Reduce carbon footprint
- Continuously improve
- Satisfy ISO 50001 certification requirements



### Our services are suitable for:

- Data Centers
- Retail Chains
- Manufacturing
- Hotels
- Restaurants
- The Public Sector
- Harbours

# LEARN ABOUT OUR HIGHLY FLEXIBLE SOLUTION

## eTactica SOFTWARE

The eTactica software allows you to monitor your electricity usage and carbon emissions in real-time.

### Reports

The reporting tool is customisable and effective. It allows you to access historical data and generate reports for any time period.

### Alerts

Set up alerts that send you notifications of unexpected usage, as well as high and low activity levels for safety and maintenance purposes.

### Analysis

Easily identify and map trends according to amperage chart, branch level, power factor and categories. Get detailed consumption data for all of these factors and run a comparison cost analysis, which estimates your upcoming bill.

### Export Data

Export data from the usage page into either an Excel or CSV file (comma separated values).



## eTactica HARDWARE

The eTactica hardware provides enhanced visibility for circuit level management in a single, or multiple location configuration. It supports 3rd party hardware integration, and is easily installed into new or existing installations.



### CURRENT BAR (EB/EC)

Use the Sensors to measure any brand of MCB circuits up to 63A and connect from 3 to 12 Sensors per Current Bar. The Current Bar is a Modbus-RTU measurement device.



### POWER METER (EM)

Use the Power Meter to measure the mains switches MCCBs of any brand up to 3000A, using a standard Modbus-RTU to provide voltage, current, power factor and frequency data for 1-3 phases.



### CURRENT METER (ES)

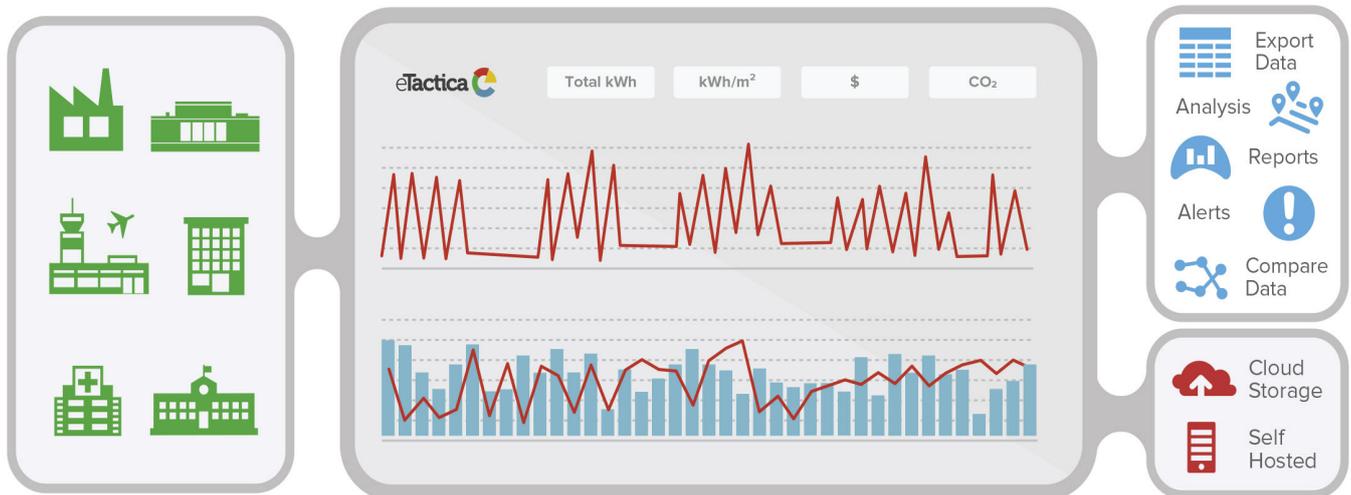
Use the Current Meter to measure MCCBs of any brand circuits up to 500A and connect up to 6 Current Sensors per device. The Current Meter is a Modbus-RTU measurement device.



### GATEWAY (EG)

Collect all measurement data in a single Gateway with a built-in message broker using standard Modbus-RTU and Modbus-TCP interfaces, as well as Ethernet and WiFi connectivity.

# VISUALISE AND ANALYSE ENERGY ACROSS YOUR BUILDING



## CASE STUDIES

### IKEA

**WHO:** Multinational furniture retailer

**SIZE:** 20,000 m<sup>2</sup>

**NEED:** Maintain energy efficiency

**SUCCESS:** 10,3% savings on lights

"eTactica has helped us operate through the best information possible to endorse our energy efficiency."

*Thorarinn Aevarsson, CEO Ikea Iceland*

### BLUE LAGOON

**WHO:** Geothermal spa

**SIZE:** App. 400,000 visitors each year

**NEED:** Monitor equipment and anticipate failure

**SUCCESS:** 39.25% savings on lights

"We use green energy resources, and through eTactica we have eliminated energy waste to sustain our efficiency."

*Hartman Karason, Director of facilities*

### CCP GAMES

**WHO:** Game developer

**SIZE:** App. 350,000 players of Eve online

**NEED:** Supervise electrical load and optimise energy waste

**SUCCESS:** 40.63% savings on lights

"Using eTactica has helped us supervise electrical load and save energy through our substantial computer development."

*Sigfridur Sigurdardottir, Office manager*

### RADISSON BLU SAGA HOTEL

**WHO:** Hotel

**SIZE:** 18,884 m<sup>2</sup>

**NEED:** Monitor usage and load and save

**SUCCESS:** 14,28% savings on equipment and devices



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