energy management software
Proactive energy management made easy with our powerful cloud based software. Transform big-data into real-time energy insights; saving energy cost and carbon.

Efficient energy management can happen anywhere at any time; energy data and analytics need to be available in real-time, 24/7 and 365 days a year. The t-mac connected cloud software, apps and services have all the energy management tools and features you need to meter, monitor, control, report and display your building’s energy management activities across multiple devices from desktop to smartphone; providing access anytime and from anywhere.

The t-mac software suite is designed to suit all user requirements from dashboards for building occupiers, apps for those on the move, analysis and reporting tools for clever analytics through to BMS control platforms.

Software suite features

**Energy Analysis** a powerful aM&T application allowing businesses to view, analyse and quantify metering data from mains utilities and sub-meters monitoring key activity areas. Perfect to help drive energy efficiency and save energy cost and carbon.

**Reporting** creates custom analytics to visualise and report on businesses operations. See how environmental data as well as business processes such as footfall, FTE, sales and production figures as well as building/system control strategies affect energy consumption.

**BMS** allows you to take control of your building and equipment by quickly implementing, amending and managing control strategies and tasks across single or multiple sites. Access, view, amend through the BMS app and platform.

**SMART.DASH** a responsive energy dashboard enables businesses to view, compare and share energy data with building occupants making energy management understandable for everyone. Using easy-to-digest dynamic animated charts and gauges, SMART.DASH quickly quantifies and visualises a building or an entire estates’ energy consumption and performance.

**t-mac smartphone app** extends the power of the desktop software to users wishing to see energy data on the move.

**Configure** is a t-mac unit configuration platform with the added facility of viewing and reporting on live metering, monitoring and control set points, as well as setting up alerts against undesirable activities.

The t-mac cloud based software combines energy metering and monitoring, with building and equipment controls as well as business processes; a vital requirement for effective and proactive energy management and carbon reduction programmes.
configure

The t-mac configuration software provides access to live and historical data.

Configuration software
This software is used to view and configure each t-mac unit. It allocates ‘friendly’ names to each input/output, sets up alerts, monitors parameters and configures control according to your site or piece of equipment’s unique requirements.

With the t-mac configuration software you can: configure users, commission installations, setup systems, access snapshots of information, design and download reports - all from a single location.

Live and historical data collected from all t-mac units can be viewed as reports, graphs and gauges and data can be downloaded via CSV or exported, programmatically linking with third party software packages.

Discover how t-mac can help with your BeMS configuration.
Contact us on info@t-mac.co.uk or call 01246 233 632
A comprehensive aM&T package allowing businesses to view and compare energy metering data across multiple sites monitoring efficiency, cost and waste.

Providing real-time energy metering data and statistics while quantifying activities, the Energy Analysis software can identify energy costs per piece of equipment, per site or across an entire estate/portfolio.

Energy Analysis enables users to view, analyse, compare, identify and quantify energy consumption inefficiencies and measure carbon emissions for single or multiple sites worldwide.

The software features all the standard energy management reports including cost and energy consumption (kWh) profiles, in and out-of-hours consumption charts and comparisons to historical data, as well as dynamic profiling, CUSUM and degree-day reports.

View energy data in a variety of formats from kWh and carbon to raw data such as m$^3$, litres, cu ft etc.

t-mac’s Energy Analysis software also allows for auto import or export of data: import HH/NHH data from AMR providers or metering data from existing BMS; export data as CSV or pragmatically into third party software packages.

Discover how t-mac can help with analysing your energy data. Contact us on info@t-mac.co.uk or call 01246 233 632
Report Builder is an all-in-one, intuitive and innovative software application that helps users monitor and analyse energy, process and environmental data against business intelligence data.

Line-over-spline or pie-over-bar report builder allows you to create and capture custom reports on a wide spectrum of parameters swiftly and simply. Bringing in data such as footfall, sales and production figures to analyse against metering data highlights how business operations can affect energy consumption.

Customise an array of chart types with colour, layout and axis. Filter and aggregate data from micro to macro level and export your findings to share across the business encouraging energy awareness.

**The Report Builder software core features include:**

- Intuitive, innovative and responsive user interface.
- Customisable reports – display your data how you want.
- Filter and aggregate your data from months to minutes.
- Drag and drop quick and easy report creation.
- Wide variety of series types available.
- View multiple reports in dual and quad layouts.
- Export reports as Image, PDF or CSV files.

Report builder is a fast, versatile, cloud based reporting application for analysis and aggregation of millions of data points from multiple sources into a single custom report.

**Discover how t-mac can help with your energy management reporting.**

**Contact us on info@t-mac.co.uk or call 01246 233 632**
BMS enables users to implement, amend and manage control strategies on a wide portfolio of sites from a single touch of a button.

Spend less time manually amending control strategies across your portfolio of sites and drive operational efficiency with intuitive BMS controls. BMS can react to changing branch or building business hours by optimising scheduling during nights, weekends, and bank holidays.

BMS enables users to group multiple sites into logical categories and apply control strategy changes and processes to numerous buildings in one easy step.

The BMS software provides functionality to:

• Implement and manage control strategies across multiple sites.
• Categorise sites into logical groups to allow multi-site updates
• Create overrides and exception events for one-off or recurring control scenarios.
• Configure one or many t-mac units to one site, ensuring any changes are automatically applied to the correct t-mac unit.
• Import large amounts of data, while managing addresses and business hours.
• An intuitive user interface between you and your building.
• Link to large scale existing BMS for remote control strategy changes.

Accessing site information, energy management data and control strategies through cloud based software, the t-mac BMS is versatile, easy to use and remotely configurable.

Discover how t-mac can help with controlling your single or multiple sites. Contact us on info@t-mac.co.uk or call 01246 233 632
A responsive dashboard showcasing energy data using animated charts and gauges. Eco-educate occupants with tips, twitter feed and targets to improve performance.

SMART.DASH allows you to showcase energy data anywhere within your building and on any device from smart TVs and PCs down to tablets and smartphones. It uses easy-to-digest dynamic animated charts and gauges, creating an interactive experience that leaves occupants more informed about building’s performance and reduction targets.

A Twitter feed harnesses social media enthusiasm and SMART.DASH can be customised to accommodate corporate branding by uploading a logo, adopting brand colours and adding welcome messages, targets and tips.

SMART.DASH uses smiley faces, thumbs up, and traffic lights to visualise a buildings performance. SMART.DASH is the next generation of energy dashboards. A versatile dashboard designed to add value to any buisinesses’ energy saving initiatives.

Dashboards are an ideal way to showcase energy reduction activities from displaying your site’s reduction targets and renewable resources to energy saving tips and managing multiple sites or machinery; to demonstrating Corporate Social responsibility activities.

Exciting visualisations make energy data easier to understand so you can see how your building is performing. Expressing data in everyday units makes energy understandable for everyone, convert kWh into monetary value or carbon calculations.

Discover how t-mac can help with showcasing your energy reduction activities. Contact us on info@t-mac.co.uk or call 01246 233 632
Bringing a clear, streamlined version of our desktop analysis software to the palm of your hand. Making energy management easy on the move.

The app offers users true visibility of energy data and the reasons for energy consumption and changes. Users can view, analyse, compare and share instantaneous snapshots of data over email, all from their handheld devices.

Data displayed may be real-time data from t-mac, or imported HH/NHH data from a 3rd party data collector. In addition to the metering data, the smartphone app can display data from energy influencers such as weather, temperature, FTE, footfall and production figures. The t-mac smartphone app is available for download on the Android and Apple App Store.
t-mac BMS app extends the power of our BMS software enabling you to monitor and amend control strategies on the move.

Drive operational efficiency with intuitive controls, to save energy, cost and carbon across all your buildings.

The BMS app provides functionality to:

- View, set and override control strategies across your building portfolio on the move.
- Control a variety of building systems and assets.
- View controls within a calendar of events.
- View reports for data linked to a control strategy
- Link controls to environmental conditions
- An intuitive and familiar user interface between you and your unique building.

Selecting air conditioning, heating, lighting or other configured systems, users can control by set-point, temperature, lux level, time of day to name just a few.

This user friendly app is designed to accommodate all user types from controls experts to building owners/occupiers. The t-mac BMS app offers increased productivity for commissioning engineers, versatile and easy to use controls for facilities/energy managers and restricted comfort controls within deadbands for managers based on site.
**Rebrands**
The t-mac device and the cloud based software has been designed to accommodate a full rebrand or white-label approach. The cloud allows t-mac customers to apply their custom branding to all our applications and apps.

**Bespoke solutions**
As all aspects of the cloud based software is designed and hand coded in-house, we can work with companies to create bespoke solutions from operational platforms and dashboards through to smartphone apps and data imports.

The t-mac solution is also designed to seamlessly integrate into a company’s existing IT and software platforms, if required.

**Custom Dashboards and Reports**
Whatever your requirements, our energy management experts can design a front-end solution that makes energy management analysis, carbon and cost reduction easy and interesting.

Our team of highly skilled .net and app developers design and build the entire t-mac software applications, associated dashboards and apps in house.

“Real-time interactive and graphical data is the key to saving energy consumption now and benefiting from lower energy bills immediately because it makes saving energy quick, simple and engaging for all.”

**Natural Gas Reduction**

Discover how t-mac can help with your bespoke requirements please

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