

t-mac.. explained!

Speaker details:

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t-mac Technologies Ltd

Featuring:

Internet enabled, t-mac energy management & metering system



t-mac is...

- a remote energy management system / mini BMS device that provides information on energy activities from multiple sites located worldwide.
- Data is accessed via a single web-portal (www.my-tmac.co.uk) to view live and historic data from many sites.

t-mac provides....

- **Smart metering** applications – for HH & NHH; with our partner we can offer official Data Collector options complete with bill validation & procurement
- **Sub-metering** applications – for analysis of activity areas & to identify 'reasons' for mains metering figures
- **Environmental monitoring** – to assess temperature & light levels which can cause unnecessary energy consumption
- **BMS** applications – remote & automatic control of a/c, lighting, heating, compressors etc
- **Legislation conformance** – with our partners: DEC, EPC, A/C, F Gas etc

Some of our clients



How t-mac works:



Online Software

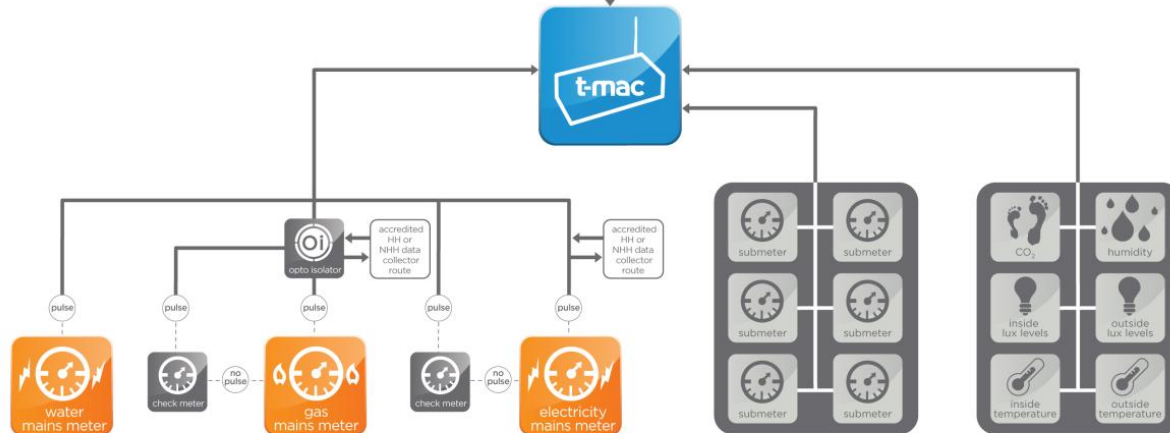
> Online user access to live and historic data

Bolt Ons



Control

> Manage & Control to reduce consumption and cost



Meter and Monitor

> Multi-Utility Mains Metering

> Sub Metering

> Environmental Monitoring

Online Energy Analysis Software

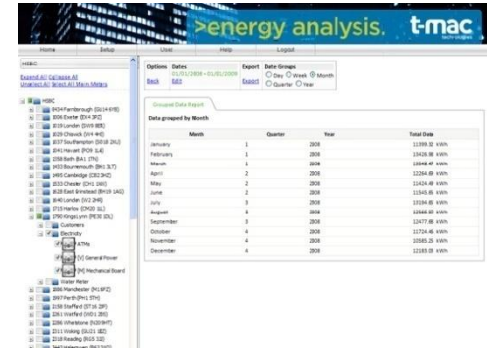
- In house energy analysis software & custom automated reports
- Interoperability with other top-end software packages
- Customisable
- Future proofed development; constant upgrades FOC



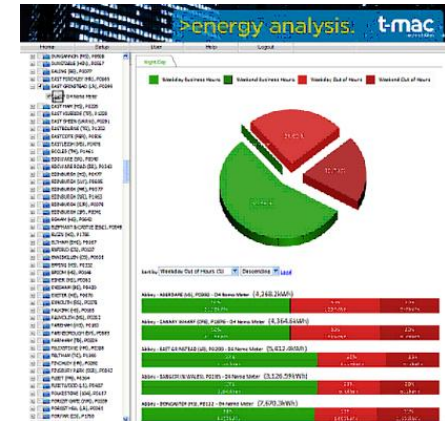
Typical Reports

Typical energy analysis reports include:

- Grouped data report** : Enables users to group data by day/week/month/year for export and analysis regarding changes to energy consumption/patterns

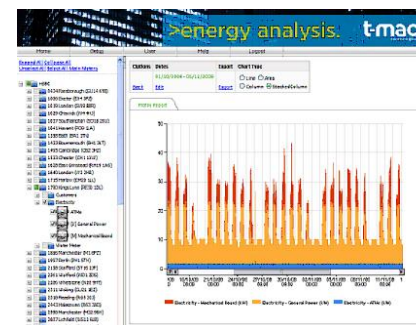
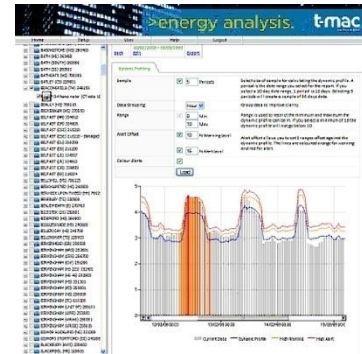


- Out-of-hours report**: how much energy is being consumed within & outside business hours. Immediate identification of excess consumption



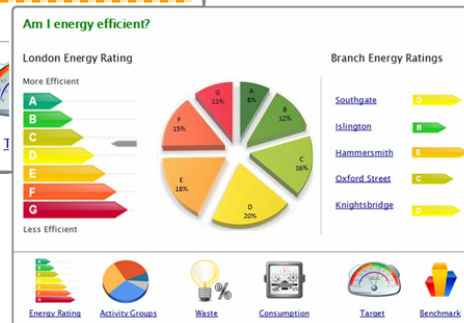
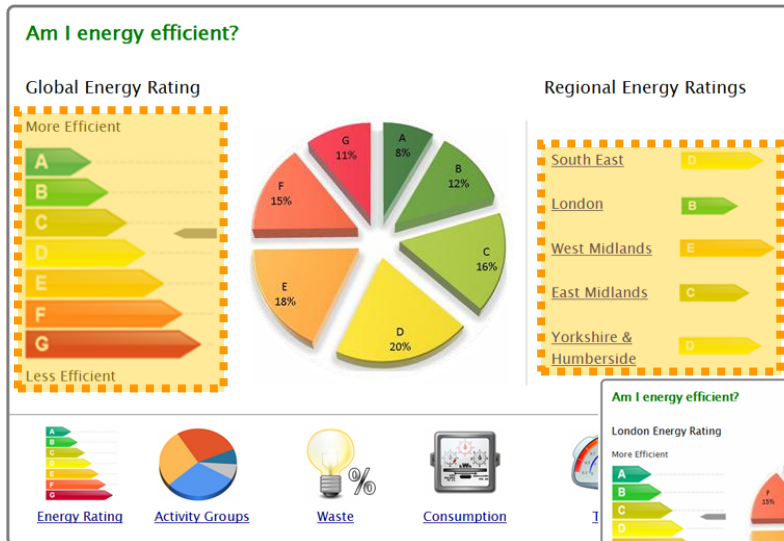
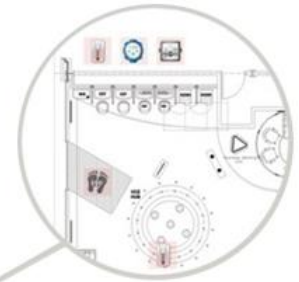
Typical Reports

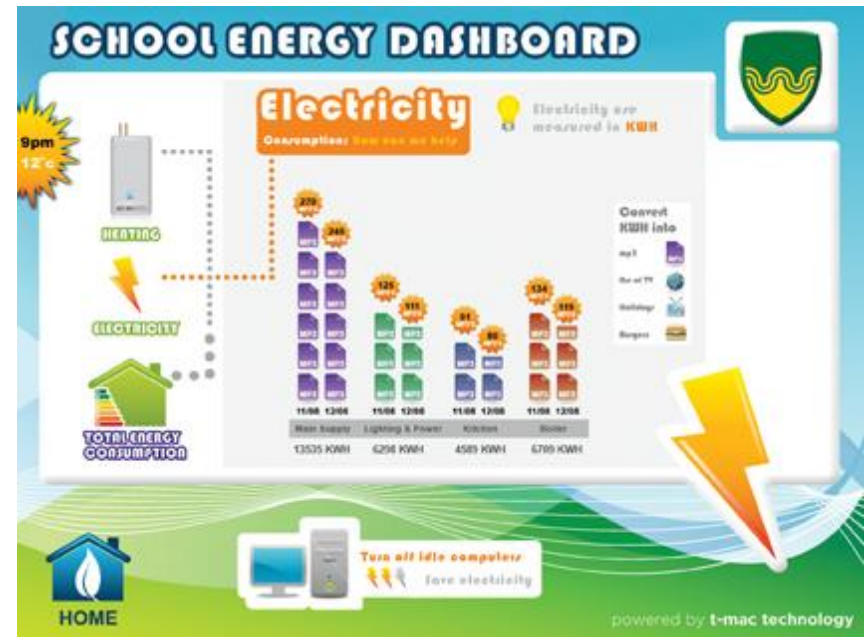
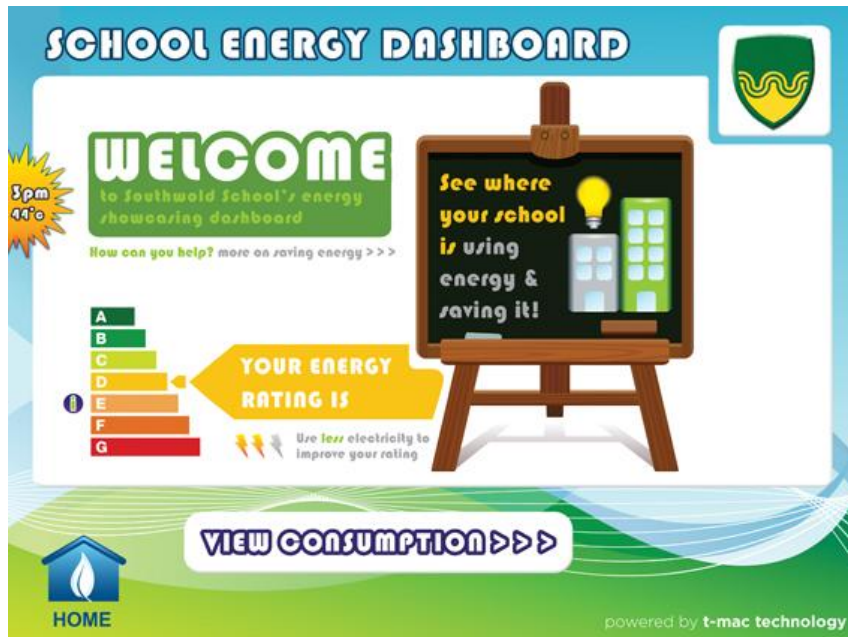
- **Dynamic profiling report:** looks at average data profile for previous periods & compares with current period – enables users to assess if current consumption *fits* with the norm or *peaks* against the norm.
- **Degree days complete with cusum reports:** cusum enables users to detect changes in energy consumption patterns. Degree days enables users to accurately compare consumption patterns year on year with accurate degree day data
- **Standard profile report :** Identifies base loads, peak demands & assesses sub-metering points against mains utilities. Standard but effective energy management report on energy consumption across a period of time.

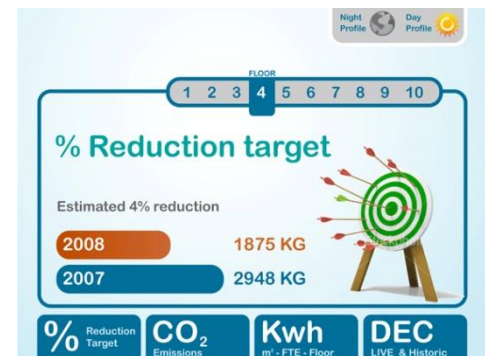


Online Custom Dashboards & Graphics

- Customised front-end dashboards & graphics
- Energy showcasing
- Stakeholder buy-in

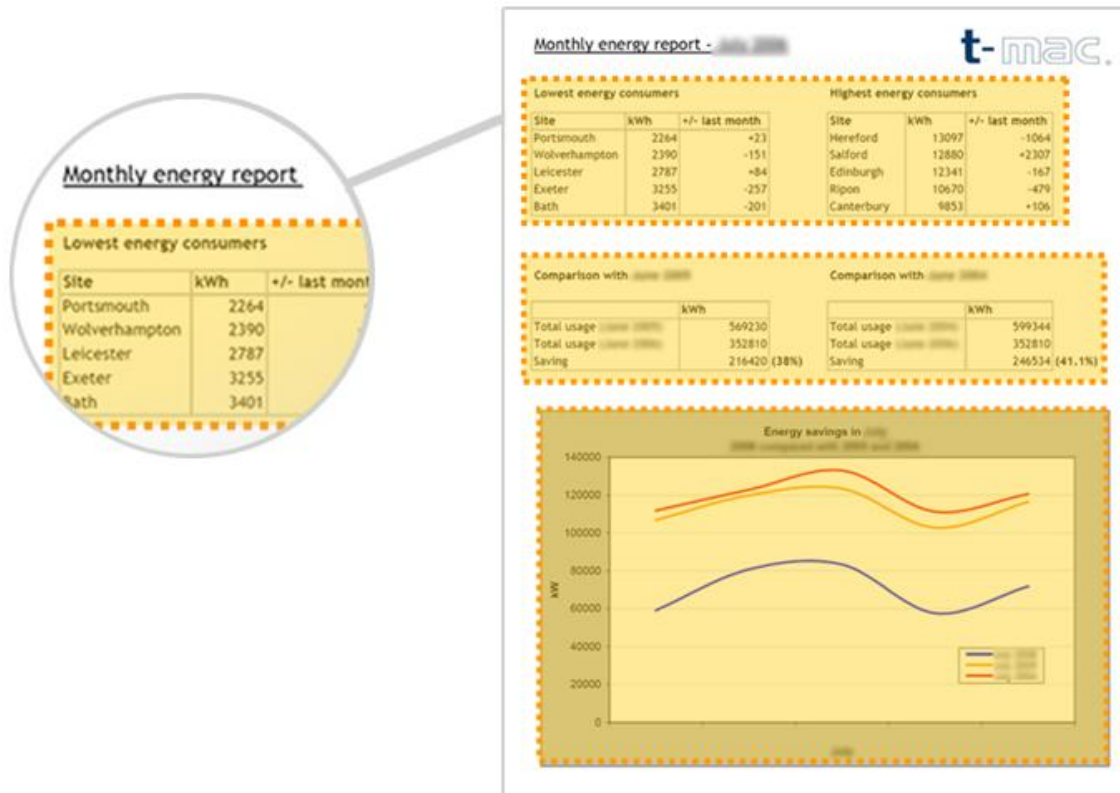






Automated Email Reports

Seamless interoperability with business processes
Automatic energy management summary reports...



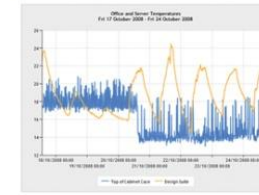
Conclusion...

Meter
Monitor
Control
Save >

£ £ £
Energy
Emissions



OFFICE AND SERVER TEMPERATURES



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