



Vodafone Global M2M

Energy Data Management

Cut your energy costs and reduce your carbon footprint

power to you

Managing your energy consumption on multiple sites is a real challenge. With the right tools, you can take control of your costs and cut your carbon emissions.

Track your energy usage in real time

With Vodafone's Energy Data Management (EDM) solution, you can track exactly how and where you're using energy across your whole estate.

We install smart meters and Vodafone's Green Boxes (data loggers) at your sites to gather data not just about your total site usage, but how different site systems — such as heating and lighting — are contributing to overall energy consumption. You can also use EDM to show how external factors such as weather and humidity are affecting how much you use.

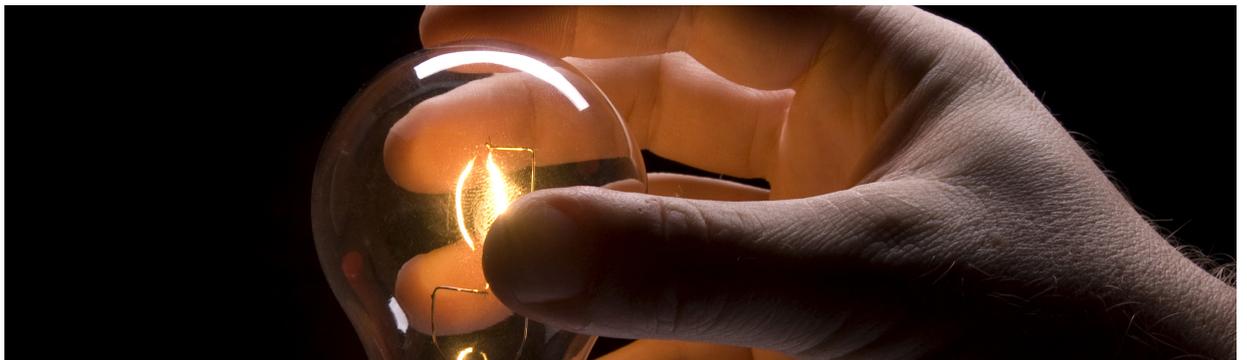
EDM tracks your consumption in near real-time — giving you a more up-to-date and actionable picture of your energy use than you'd get from your utility bills. The meters and Green Boxes send data through our secure wireless M2M network to an online portal. Using our dashboard and smartphone app, you can improve energy efficiency and lower costs.

The benefits for your business

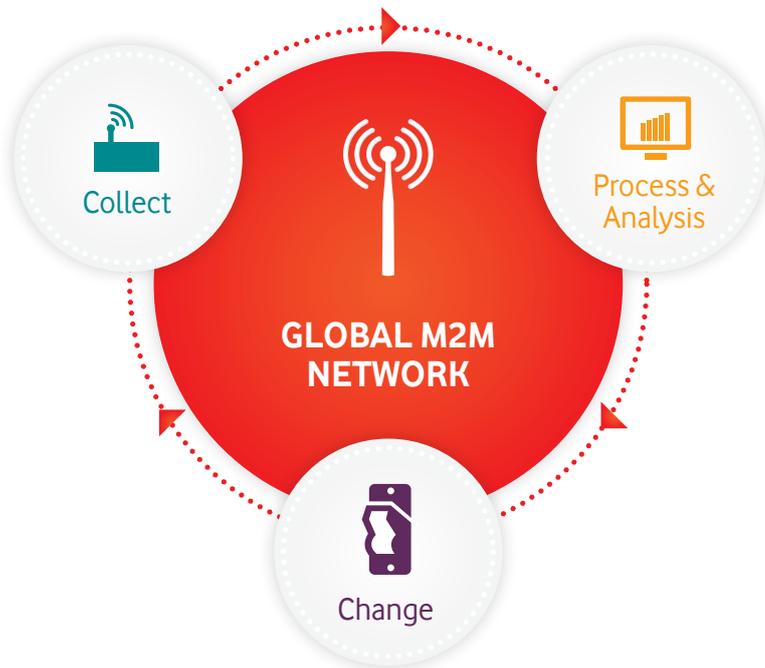
With EDM, you can:

- **Reduce your energy costs:** EDM gives you the insight to see how and where you are wasting energy so you can change processes, educate staff or upgrade facilities. Some companies have seen a 40% reduction in their energy bills due to EDM.
- **Cut billing errors:** Utility bills are often based on inaccurate estimates. EDM gives you the detailed data to challenge bills and negotiate better tariffs.
- **Protect the environment:** EDM drives your company towards a more long-term sustainable use of energy with lower carbon emissions — also helping you to hit government regulation and save on green taxes.

Not only can you strengthen your corporate brand and improve your budgeting, the savings you identify through EDM mean that you could see a return on your investment in under a year.



How does it work?



Vodafone is one of the world's leaders of M2M service delivery and we have over 20 years' experience of providing full support for M2M solutions. For more information about how M2M can help your company cut costs, visit:

M2M.vodafone.com

How do we make it happen?

To deliver the results you need, your EDM solution has to fit your business and the way you use energy. That's why we have a four-stage process of integrating EDM. We'll support you every step of the way.



Audit: To help build a business case for EDM, we'll run a data gathering exercise to see where you buy energy from, how you monitor it and how you negotiate tariffs. We'll also inspect your sites to see where the best places are to install the first few smart meters. The preparation at this stage is key to getting the most out of EDM later down the line.

Pilot: This trial scheme helps you and your employees get to grips with EDM on a small scale. We install smart meters and Green Boxes at a few locations — a mixture of offices, warehouses and retail sites — to estimate your potential savings and identify the best way to move forward.

Deployment: When you're ready for a wider rollout of EDM, we'll install smart meters and Green Boxes at more of your sites. The solution is scalable, meaning there are no hefty upfront investments to pay and we can implement EDM with minimal disruption to your operations and at a rate that suits you.

Optimisation: Controlling energy usage is an on-going process. There are always ways in which you can use power more efficiently and EDM enables you to put ambitious energy strategies in place. Our dedicated team of experts is always on hand to help and give you advice when you need it.

