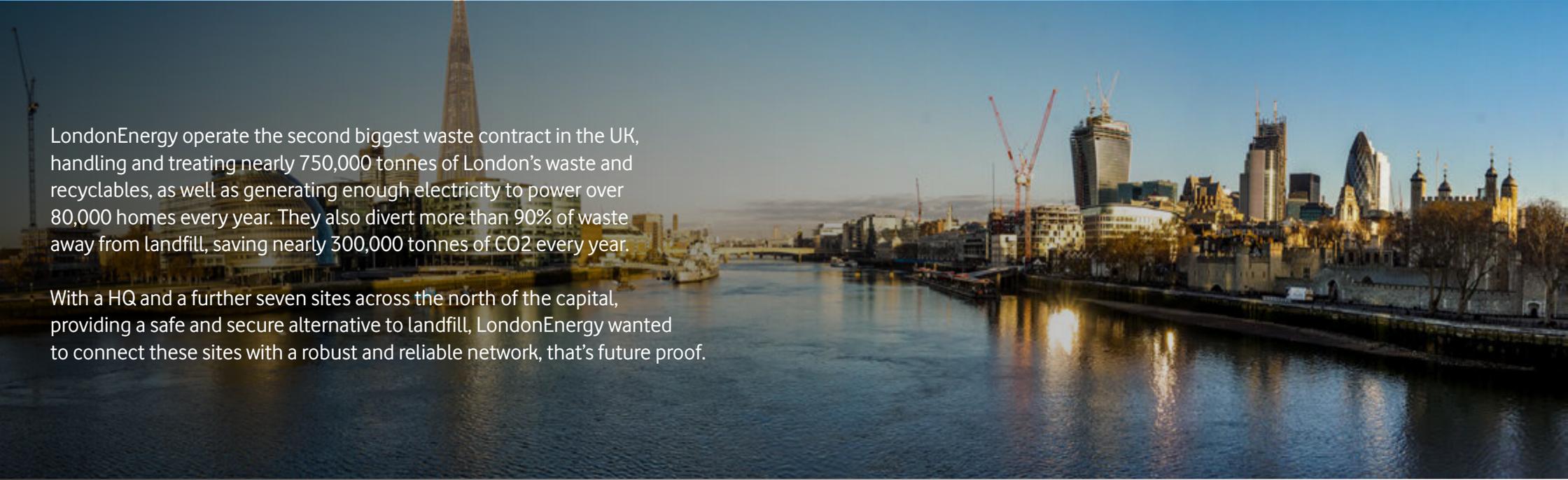


Your sites better connected

Our MPLS solution

Find out how we helped LondonEnergy connect their sites, for quicker and more reliable communications.

Ready?



LondonEnergy operate the second biggest waste contract in the UK, handling and treating nearly 750,000 tonnes of London's waste and recyclables, as well as generating enough electricity to power over 80,000 homes every year. They also divert more than 90% of waste away from landfill, saving nearly 300,000 tonnes of CO2 every year.

With a HQ and a further seven sites across the north of the capital, providing a safe and secure alternative to landfill, LondonEnergy wanted to connect these sites with a robust and reliable network, that's future proof.

Challenge

Old solution, not fit for purpose

With a focus on diverting waste away from landfill, LondonEnergy's facilities are integral; in 2019 alone, they helped redirect more than 698,000 tonnes of waste.

With seven sites across London, along with Reuse and Recycling Centres open to the public for household materials, LondonEnergy has to understand how much waste there is across all their sites, and which are full.

"We need to be able to provide the public and the local authority somewhere to dispose of their waste," says Paul Rooney, IT Projects and Integrations Manager at LondonEnergy. "Having the ability to see which centres are full is crucial to our business and we can only do this if the sites can talk to each other."

If information can't be passed between sites or to the headquarters in North London, it could affect their ability to process waste as efficiently and even cost money, which was proven when there was an issue with one of the lines.

"We had a problem with the old solution, where we had about four days of downtime on the primary line, and the secondary line that we paid for wasn't working," explains Frederick Odutola, Head of Information Technology at LondonEnergy. Not only that, but the business found themselves logging and chasing over 70% of issues.

It was time to look for a new provider that could offer the support LondonEnergy needed.

Solution

Vodafone MPLS Solution

As their provision is part of Government services, LondonEnergy went to market in search for one of the UK's top providers, and selected Vodafone.

"We approached a few providers, but Vodafone was the best fit for us and came up with the best solution for our business," says Paul.

Working to connect the company's headquarters and its seven other sites, Vodafone deployed MPLS.

“

Using Vodafone MPLS there's a better connection between our remote sites and HQ and we've increased capacity. We didn't have a back-up before, but now we know there's always capacity to keep running as a business.”

Paul Rooney,
IT Projects and Integrations Manager
LondonEnergy

MPLS is a routing technique that sends data from one point to the next, in the shortest path, rather than through long network addresses. This means data can get where it needs to much faster and gives LondonEnergy the advantage of a dynamic and future-ready service.

“Some of our sites are also quite remote, but we had a terrific team at Vodafone working with us to make it happen,” added Paul.

The MPLS solution from Vodafone provides two different lines for data to travel, as well as a 4G back-up, making it more reliable.

And where LondonEnergy’s old provider saw them chasing almost three quarters of problems themselves, Vodafone offer a portal to check statuses and reports.

Benefit

Increased speed and performance

Using MPLS from Vodafone, LondonEnergy can send business critical and time sensitive data from site to site, allowing them to keep track of the quantity and location of waste at their facilities across London.

The company also have peace of mind that if anything were to happen, the layers of back-up, including 4G, will give them a robust system to help avoid outages and downtime.

“Using Vodafone MPLS there’s a better connection between our remote sites and HQ and we’ve increased capacity,” says Paul. “Now we know that if we were to lose connectivity, either at HQ or our other sites, there’s still capacity to keep running as a business.”

With the improved speed and performance from Vodafone’s MPLS, staff at LondonEnergy can collaborate faster, with easier access to tools such as Microsoft Dynamics 365 and Microsoft Teams, which struggled to run before.

“We’ve even had a company-wide session with over 100 people,” adds Frederick.

Another unexpected benefit has been the ability to keep an eye on sites more effectively. With the new MPLS network, the company can better monitor their CCTV system, without downtime, enabling them to detect theft and help keep their facilities safe.

Finally, the LondonEnergy team are spending less time logging network issues, giving them more time to do their jobs.

“With Vodafone it’s much more proactive. They are already fixing problems before we realise they’re there, and that’s really impressive.”

And with plans to transform their existing HQ into an innovative £1b new site and eco-park, LondonEnergy have a solution that’s future proof.

Why Vodafone Business

- Vodafone’s MPLS (Multi-Protocol Label Switching) provides a secure and reliable network, across sites
- Optimises wide area communications and applications
- Provides a self-care portal to view reports and network statuses

“

With Vodafone, it’s much more proactive. They are already fixing problems before we realise they’re there, and that’s really impressive.”

Frederick Odutola,
Head of Information Technology,
LondonEnergy



LondonEnergy profile

LondonEnergy provides sustainable energy, recycling and resource management. Their vision, is to see no waste from their sites sent to landfill. They operate from a number of sites across North London to provide a safe and secure alternative to landfill disposal.

www.londonenergyltd.com

For more information on our products and services, please go to www.vodafone.co.uk/business

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Ready?

