

SMART METERING FOR THE UK: DCC

CRITICAL Software is active in the research and development of Smart Technologies. Our work supporting the UK Smart Metering programme is a great example of how the 'Internet of Things' can boost progress when combined with innovative technology in the energy sector.

CHALLENGE

A UK SMART METERING PROJECT ON A NEVER-BEFORE SEEN SCALE

DCC (Data and Communications Company) has been implementing the common infrastructure necessary to support the upcoming rollout of smart meters, which will transform how energy is supplied and give consumers greater control over their energy use. This will help to meet some of the long-term challenges faced in ensuring an affordable, secure and sustainable energy supply.

BENEFIT

END-CONSUMERS WILL BE ABLE TO MONITOR THEIR ENERGY USE

The new infrastructure will help end-consumers to see what energy they use and how much it costs. This puts users in control, preventing the unnecessary waste of energy and money. Smart meters will bring an end to estimated billing - consumers will only be billed for the energy they actually use.

SOLUTION

IOT TECHNOLOGY THAT CHECKS CRITICAL SMART METER COMMUNICATIONS

CRITICAL Software's Parse & Correlate software has been selected to help smart meter communication across the countrywide network, by ensuring only critical service requests are from trusted sources and by managing smart meter responses. We have also begun testing the nationwide protocol, using robust testing technologies originally developed for the aerospace market.

50 MILLION

THE ESTIMATED NUMBER OF
SMART METERS TO BE CONNECTED
FOR 30 MILLION UK CONSUMERS BY 2020

DEPENDABLE TECHNOLOGIES
FOR CRITICAL SYSTEMS

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