

CGI Smart Meter Testing Service



Access to all smart meter commands and alerts via a sophisticated automated testing framework

Smart meter and device manufacturers rely on their customers for testing of their devices and new releases of firmware against the DCC test environments. This means manufacturers' customers must provide test lab space and dedicate resources to test defects and capture evidence.

Our Smart Meter Testing Service (SMTS) provides smart meter and device manufacturers and other Smart Energy Code (SEC) parties with access to the DCC's User Interface Test (UIT) environment to enable testing of smart meters and other smart devices. SMTS ensures manufacturers have independent access to the end-to-end DCC test ecosystem, enabling them to test their own devices without relying on their customers for test lab space or test resources.



CGI Smart Meter Testing Service (SMTS)

SMTS is hosted by CGI and uses the CGI DCC Adapter to deliver all functionality necessary for testing with smart meters, including access to all DCC messages and user roles. In addition to a GUI for manual testing, our sophisticated automation framework is included to facilitate rapid testing of smart meter orchestrations and integration with ALM tools.





CGI solution

Provided as SaaS or a business managed service:

- **DCC Adapter** – The DCC Adapter, hosted by CGI, provides access to the DCC's UIT environment. It provides all functionality necessary for testing smart meters, including Firmware Management, UTRN Generation and a GUI for manual submission of commands
- **Test Harness** – a sophisticated automation framework for testing with the DCC Adapter and smart meters, facilitating rapid testing of smart meter orchestrations and integration with application lifecycle management tools

Business benefits

- Increased assurance and reduced risk for devices and firmware as tested against the DCC UIT environment
- Testing is performed via the market-leading DCC Adapter, used by the largest energy suppliers, providing additional assurance and risk reduction
- Testing can be performed independently without placing reliance on customers
- Testing of fixes and firmware upgrades can be performed in UIT before customers, giving opportunity to identify issues before a product is shipped
- Automation framework reduces testing effort required.

Managed service

SMTS is provided as SaaS or a business managed service operated by CGI. If the business managed service option is taken, CGI will be responsible for performing all testing activities on the client's behalf.

Key features

- Available as SaaS or a business managed service
- Utilises CGI's market-leading DCC Adapter
- Access to CGI's smart metering specialists
- Integrated to ALM tools

For more information

Visit cgi.com/uk

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