



SMART METERING IMPLEMENTATION  
PROGRAMME: IMPLEMENTATION STRATEGY  
TO:

**Ofgem**

**September 28, 2010**





## Ofgem Smart Metering Implementation Consultation Response and Questions

The following responses are on behalf of Trilliant, Inc. The answers were a collaborative effort with Trilliant's executive management and technical team working on the Centrica deployment.

### About Trilliant

Trilliant provides hardware, software, and service solutions that deliver on the smart metering and Smart Grid communication solutions to utilities and their customers worldwide. Trilliant's solutions drive improved energy efficiency, grid reliability, lower operating cost, and integration of renewable energy resources. Since its original founding in 1985, Trilliant has been a leading innovator in the delivery and implementation of energy management systems, including advanced utility wireless data collection for residential and commercial customers, demand response, time-of-use billing, and critical peak pricing initiatives. Trilliant currently has more than 200 utility customers worldwide with over 1.5 million deployed Smart endpoints including Centrica where Trilliant provides the enterprise head-end software system in support of the British Gas Smart Programme.

### Implementation Strategy (Due 28 September 2010)

#### CHAPTER 2

**Question 1: Do you have any comments on our proposed governance and management principles or on how they can best be delivered in the context of this programme?**

Trilliant agrees with the proposed approach of expert groups across industry stakeholders (both energy suppliers and technology providers) to advise on the governance and implementation of the programme. Although Great Britain is implementing an aggressive programme, Trilliant and other stakeholders have extensive experience to draw from to facilitate the smart metering implementation.

#### CHAPTER 3

**Question 2: Are there other cross-cutting activities that the programme should undertake and, if so, why?**

Trilliant believes that with regard to security, the programme should reference cross-cutting standards and security approaches from other sectors of commerce, such as web commerce and e-banking to set standards that are both secure and adequate, but not to such a degree that impedes proper functioning of the system and are not seen as necessary by other consumer sectors of the economy.

#### CHAPTER 5

**Question 3: Do you agree with our proposal for a staged approach to implementation, with the mandated rollout of smart meters starting before the mandated use of DCC for the domestic sector?**

Trilliant supports the interim rollout approach. Trilliant believes that the combination of setting clear goals for interoperability and industry self-interest will guide an appropriate level of interoperability and quality to assure the installed assets will continue to be a useful part of the DCC system.

**Question 4: Do you have any comments on the risks we have identified for staged implementation and our proposals on how these could best be managed?**

Promoting facilitated forums for driving discussion, awareness, and action on interoperability standards will greatly assist the parties in avoiding any stranded investment. Trilliant also believes that proactively installing the network infrastructure will mitigate one of the risks identified - suppliers not procuring communications services in an efficient

and economic manner. Proactively installing this network will support the ability to target the right network technology to different areas and support high quality coverage to all customers regardless of supplier choice.

**Question 5: Do you have any other suggestions as to how the rollout could be brought forward, including the work to define technical specifications, which relies on industry input?**

Trilliant believes this is an important topic for the expert groups. As mentioned in the preceding response, Trilliant believes that promoting facilitated forums for driving discussion, awareness, and action on interoperability standards will greatly assist the parties in avoiding any stranded investment. Standards development will need to be accelerated. In addition, proactively installing the network infrastructure will enable the rollout to be brought forward whilst removing technical and economic barriers.

**Question 6: Do you agree with our planning assumption that a period of six months will be needed between the date when supply licence obligations mandating rollout are implemented and the date when they take effect? 37 Implementation Strategy 27 July 2010 Appendices**

No comment at this time.

**Question 7: Do you have any comments on the activities, assumptions, timings and dependencies presented in the high-level implementation plan?**

No comment at this time.

**Question 8: Do you have any comments on the outputs identified for each of the phases of the programme?**

No comment at this time.