



UTILITY SEMINAR

AMSTERDAM, 7 NOVEMBER 2014

Quality assurance in Smart Meter roll out

The upcoming roll out of smart meters in Europe is a hot topic nowadays. Numerous congresses and seminars have been organized to discuss relevant aspects such as communication & interoperability, privacy & security, consumer engagement and financial aspects etc. However, one important area seems to be neglected: **quality assurance in smart meter roll out**. In other words, how is the quality assured for all smart meters in the whole process from utility requirement specifications all the way to installation?

Manufacturers and purchasers of smart meters need to ensure that their meters, including embedded software and communication modules, are fully compliant with European regulations, such as the Measuring Instruments Directive (MID), national legislation, as well as the utility's own specific requirements.

In our opinion, **the relevant questions for quality assurance in smart meter roll out are:**

- are utility requirement specifications correct and complete to cover all EU, national and utility's own requirements?
- do manufacturers' design specifications meet all these utility requirements?
- are type approvals properly performed by Notified Bodies according to MID and other relevant standards/guidelines (for instance, is the embedded software - one of the key element of smart meters - properly validated according to Welmec 7.2)?
- are factory audits, in terms of content and frequency, sufficiently being performed before, during and after production, according to MID and utility requirements by the joint efforts of both utilities and Notified Bodies?
- have the Factory / Final Acceptance Tests covered all critical items, both at the manufacturers and the utilities?
- how is the traceability of applied key components dealt with?
- what is the approach for fault analysis, should the meters fail after installation?

To discuss all these important topics and to exchange experiences about the smart meter roll out in Europe, NMI organizes a unique one day seminar on 7 November 2014, the day after the European Utility Week 2014 in Amsterdam, the Netherlands. We strongly recommend this seminar to utilities from European countries that are moving forward with the upcoming roll out such as Italy, France, the Netherlands and the UK. However, all utilities which are eager to gain more insight into the quality assurance aspects of the smart meter roll out are more than welcome to join this seminar.

Preliminary program

1	Welcome and registration (9:30)	5	Lunch
2	Opening and introduction (10:00)	6	Experiences & lessons from other EU countries
3	Quality assurance in smart meter roll out (NMI)	7	Forum discussion
4	Risk based asset management during the roll out (Stedin, the Netherlands)	8	Closing and farewell cocktail reception (15:00)

More information and registration

Participation is for utilities only and is free of charge. Lunch and refreshments are offered to you by NMI. Registration is mandatory (there is a limit for maximum number of attendees on a first come first serve basis).

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(walking distance from Amsterdam RAI and the train station)



Hosted and chaired by
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