



Home Energy Management

oneM2M Showcase, 2014-12-09

Source: European Smart Metering Industry Group

The ESMIG members





Showcase A: oneM2M/ESMIG Home Energy Management



- **The reason behind: consumer benefit**
 - The showcase: addressing issues & challenges
 - Next steps
-

One in five households is wrongly billed by energy suppliers



British Gas smart meter users are saving

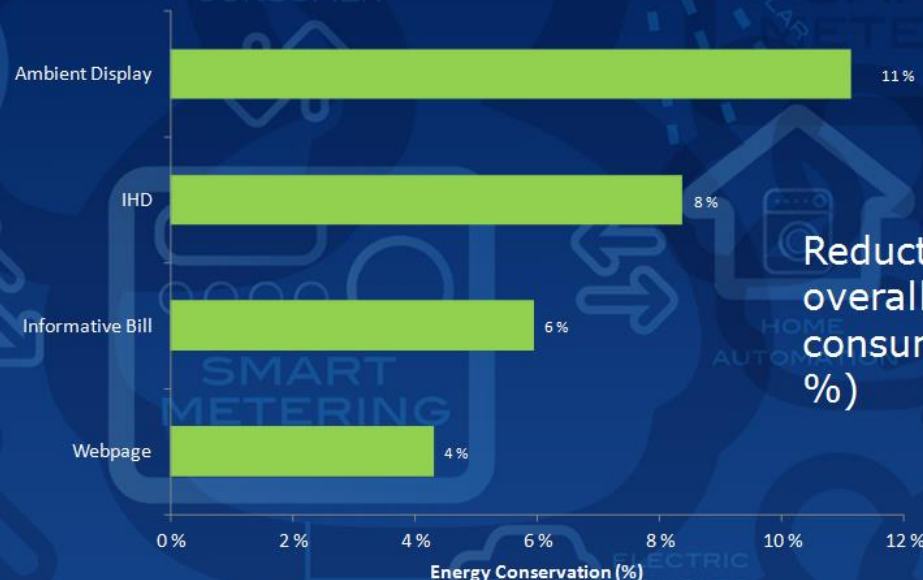
Posted by: Kim Jansen January 29, 2014 Leave a Comment

Nine out of 10 British Gas smart meter customers are now taking simple daily steps to reduce energy use in the home, and almost two-thirds have identified savings of up to £75 on their annual energy bill, the company has reported.

- The
- rea
- Wi



Feedback Channels: Major Impact on Electricity Consumption



Reduction in
overall energy
consumption (in
%)

SIMON READ Tuesday 04 March



It's time to check your energy
cent of households who's been
two years.

Ads by Google

British Expat In Holland?
Avoid Losing 55% Of Your
UK Pension Free, Clear &
Honest Expert Advice!
www.gropechoices.com/ForYouPension

Scootmobiel Voordeel
Scootmobielen van alle
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uur. Bespaar 30%!
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Company Info

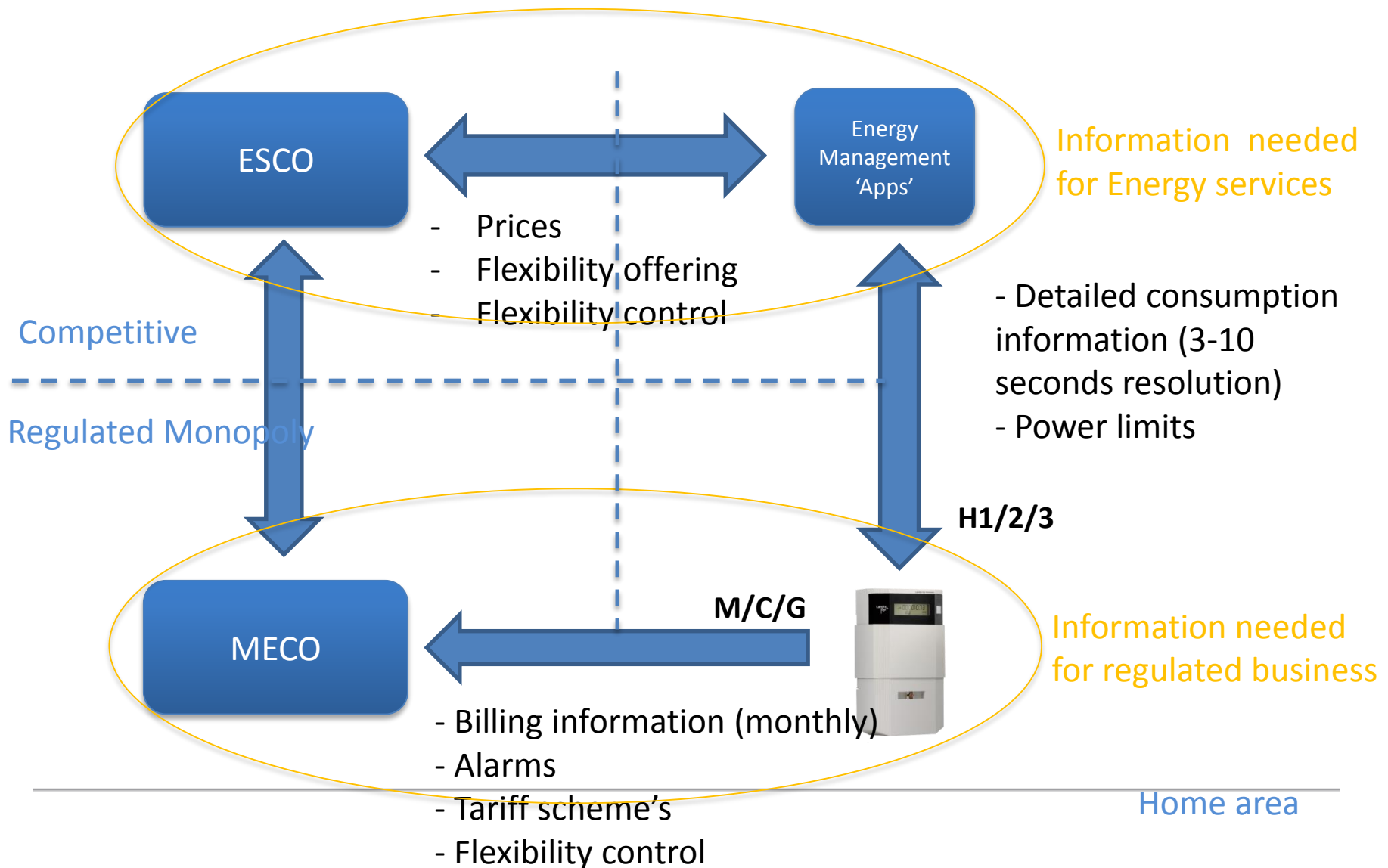
Uitgebreide up-to-date
bestanden. Probeer nu één
week gratis trial!

- The reason behind: consumer benefit
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Issues and Challenges

- Future proof infrastructure
 - Interoperability
 - Modular multi vendor environment
 - Public and private networks
 - Telecom and Utility world standards
 - **Privacy** and security
-

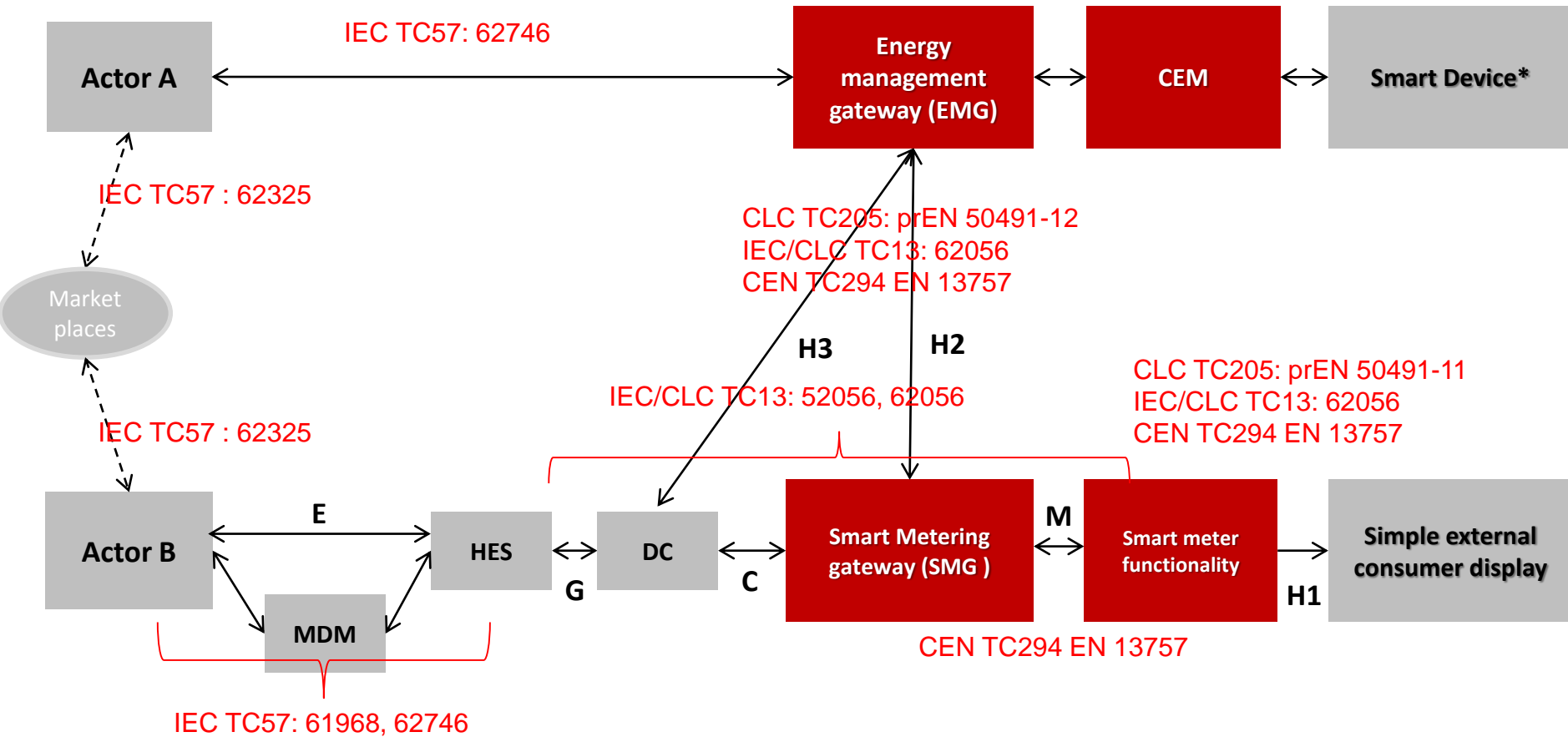
ESMIG's "privacy by design"



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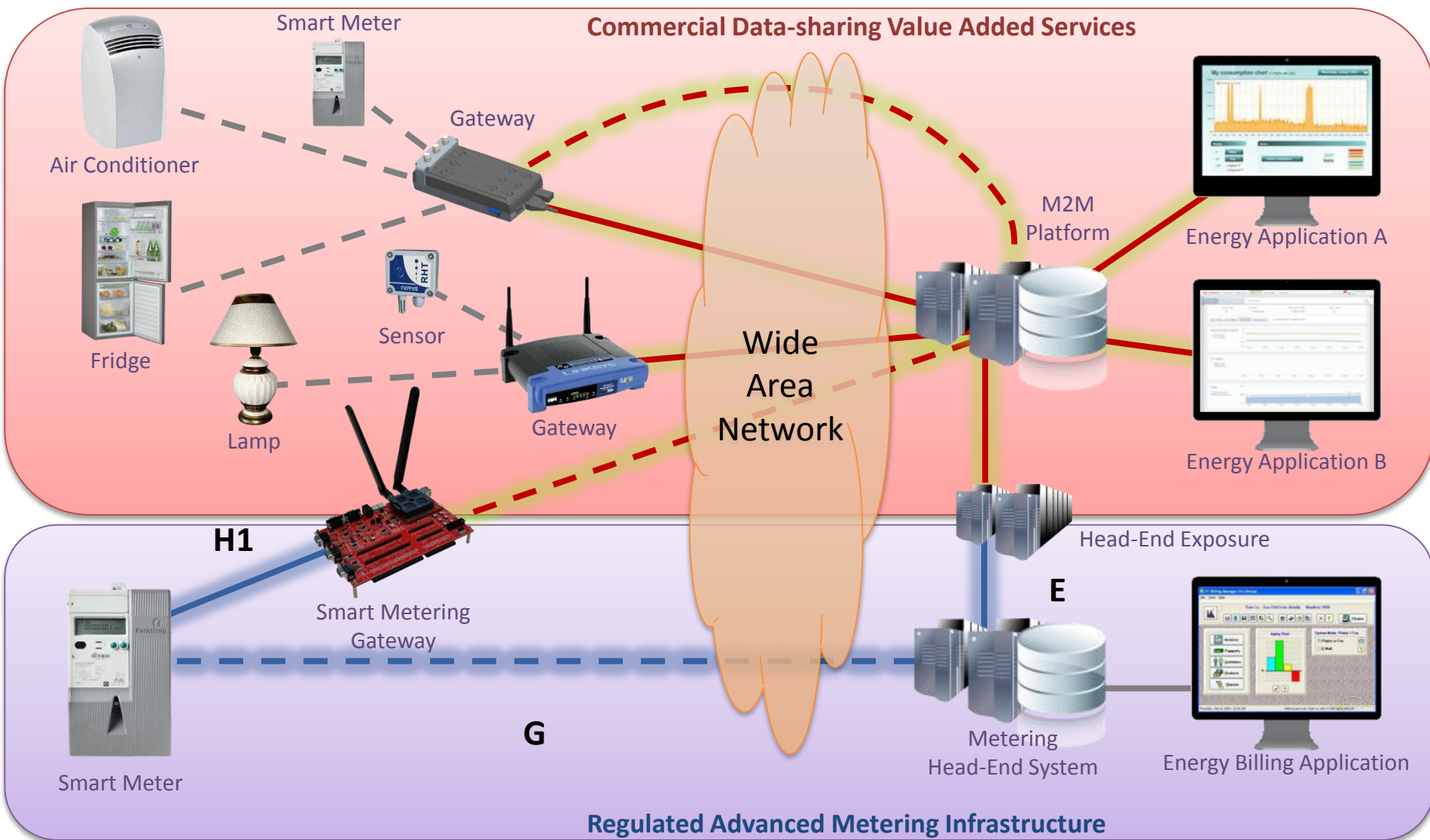
IEC/CEN/CENELEC Standards



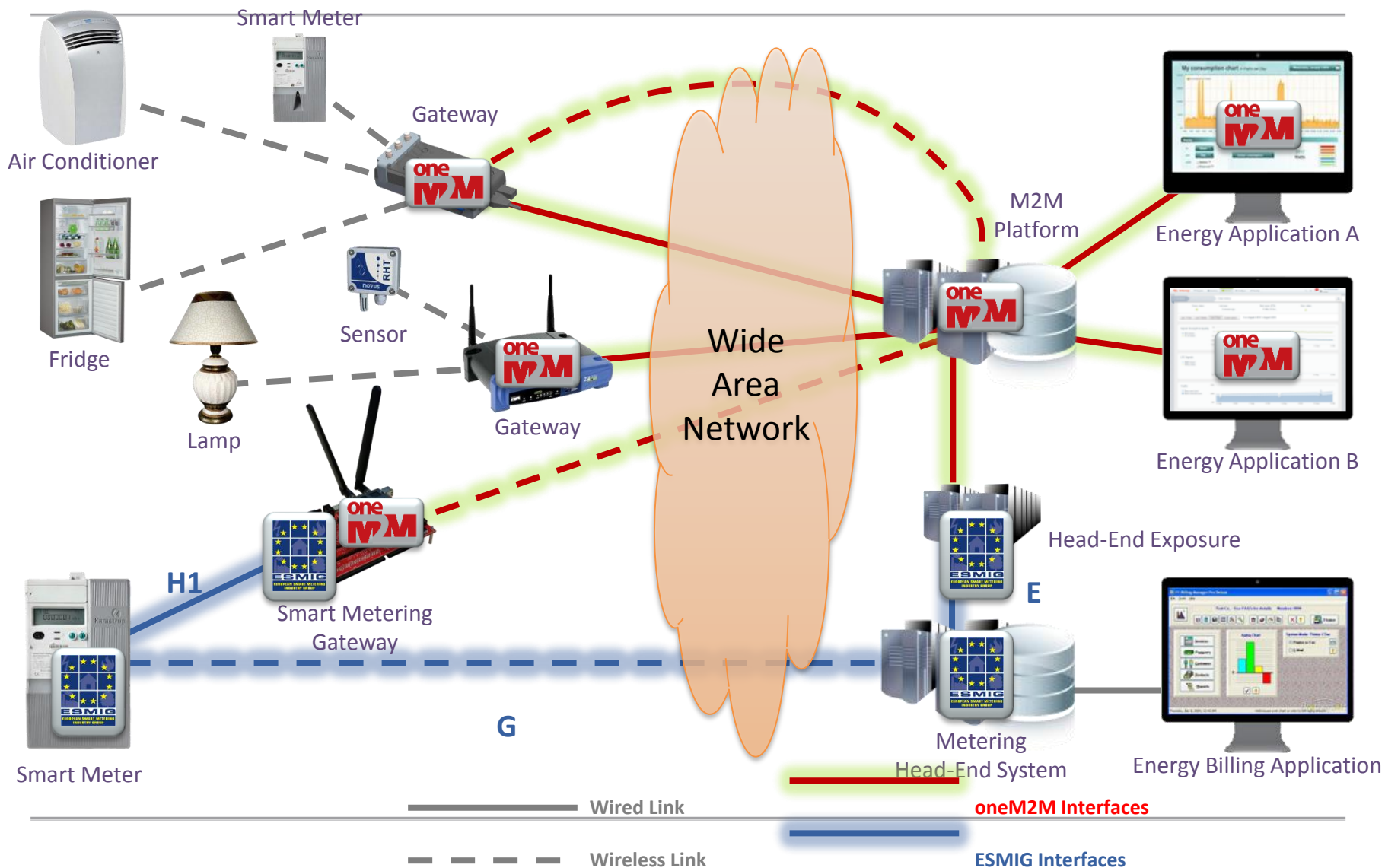
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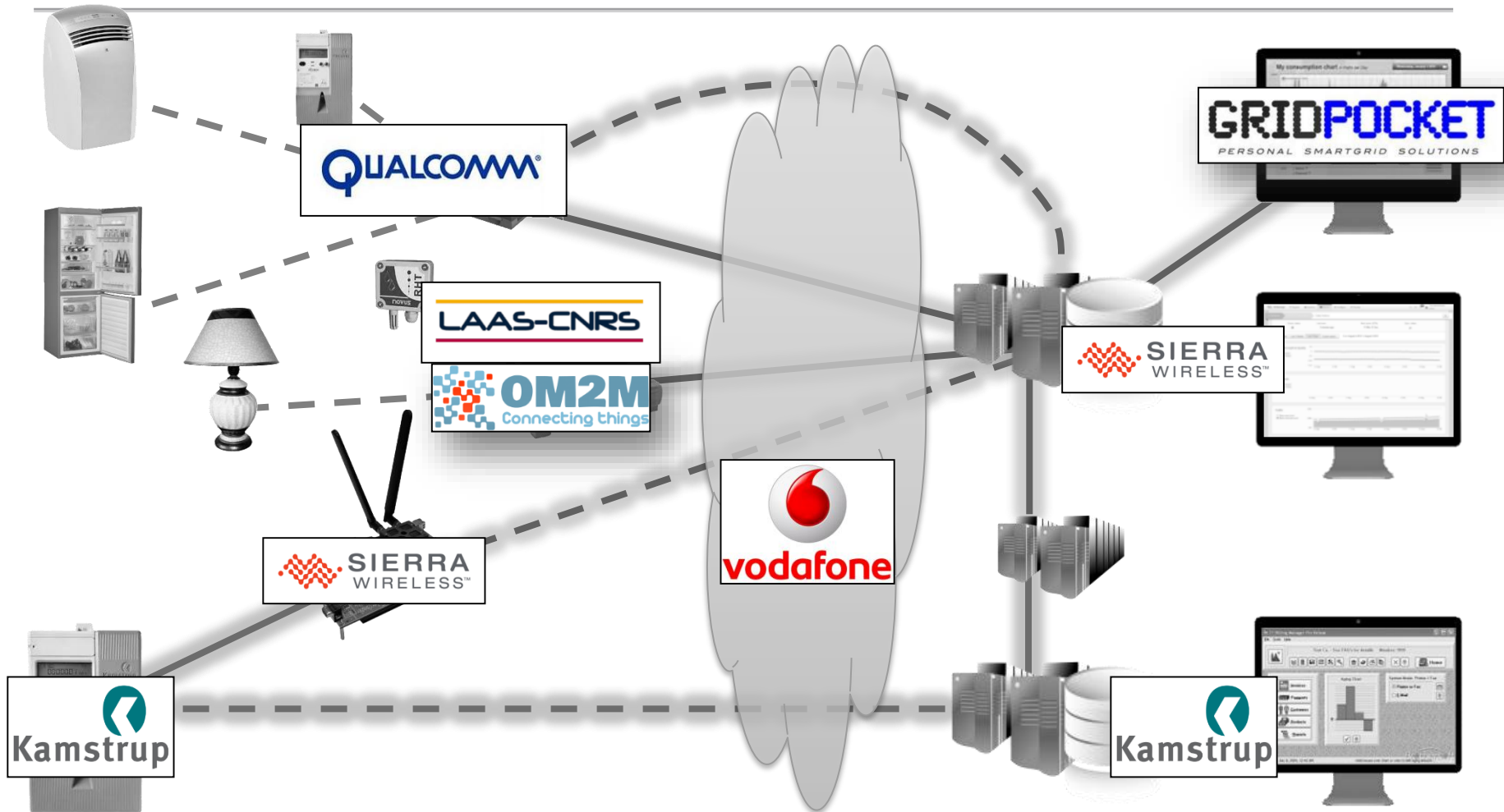
ESMIG/oneM2M Showcase diagram



ESMIG/oneM2M Home Energy Management



ESMIG/oneM2M Home Energy Management



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Next steps

- Work in CEN/CENELEC/ETSI Smart Meters Coordination Group on alignments of M2M and Smart Metering standards
 - H2020 Coordination Project to further develop the show case and demonstrate on utility fairs - 2015
 - H2020 Lighthouse project with multiple demonstrations – 2016/2017
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For more information

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