

Data privacy and security

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A vertical decorative bar on the right side of the slide, composed of 20 small, colorful icons of a grid with a diagonal line, arranged in a repeating pattern of colors: purple, red, blue, orange, pink, yellow, green, and light blue.

**ERGEG Hearing on
Guidelines of Good
Practice on Regulatory
Aspects of Smart
Metering**

Brussels

8th October 2010

Key points

- ❑ Consumer trust is one the core issues for successful deployment of smart meters;
- ❑ Smart meters must be reliable, secure and under individuals' control;
- ❑ Integration of data protection and privacy from the very inception of smart meter project and at all stages of its development: *security and privacy by design*.



Data protection

- Data Protection Directive
- European Convention on Human Rights
(Article 8 – Right to respect for private and family life)
- Existing legislation at national level
- Guidelines for EU Member States ensuring privacy and data protection
- Recommendation of Task Force Smart Grids & Smart Meters - Expert Group 2
(clear regulation related to frequency of meter reading and usage of data)



Security

Data security

BUT

Security should not be limited to data

(The functionality of smart meters to remotely 'squeeze' and/ or disconnect the energy supply poses a separate security risk and needs to be assessed separately for smart meters to generate consumers' trust.)



Privacy by design

- Privacy should be designed into smart meters from the start as part of the compliance life-cycle and include easy to use privacy-enhancing technologies.
- The importance of privacy by design during the implementation of data minimisation principle which ensures the safe disposal of data and the limitation of data retention.



Rec. 29: Customer control of metering data

"It is always the customer that chooses in which way metering data shall be used and by whom, with the exception of metering data required to fulfil regulated duties and within the national market model. The principle should be that the party requesting information shall state what information is needed, with what frequency and will then obtain customer's approval for this."

BEUC opinion:

- Top level recommendation but with little impact;
- Recommendation focused only on privacy;
- Recommendation should emphasise that customers should be advised what information is required by law and by whom;
- For any other (extra) metering data, the customer should choose who has access to it and for what purpose;
- Exception provided for the national market model is too wide;
- Data security recommendation should be included.



BEUC recommendations

To ensure consumer privacy and security:

1. security and privacy analysis
2. end-to-end security
3. privacy by design



Thank you for your
attention

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