Data Protection Impact Assessment (DPIA)

Smart, sensitive and together
Alliander is a data-driven operator

Intelligent Grid

1. Control Centre
2. Primary substation
3. Intelligent secondary substation
4. Flexible MV rings
5. Telecom network parallel to MV ring
6. Smart Meter
Privacy has now our attention and care
Use of Data Protection Impact Assessment

A checklist

Tick applicable points:

- User information is OK
- User access right is OK
- Encryption
- Password policy
- Access control policy
- ...

A documented process

1. PLAN the DPIA
   [who, when, …]

2. ASSESS
   [risks, …]

3. MITIGATE
   [controls, …]

4. MONITOR & UPDATE

(modify)
Privacy, Data Protection and Security

Hard cross-sectoral legislation...

- Directive 95/46/EC - to be replaced by General Data Protection Regulation - adoption in 2015, entry into force 2017
- Proposal for a Directive on Network and Information Security

and soft sector-specific legislation...

- Recommendation 2012/148/EU for preparations for the roll-out of smart metering systems
- Recommendation 2014/724/EU on the DPIA Template for smart grid and smart metering systems

2014/724/EU

The proposed ‘Data Protection Regulation’ replacing Directive 95/46/EC **would render Data Protection Impact Assessments mandatory under certain conditions**, as a key instrument to enhance data controllers' accountability.

In this respect, **the DPIA Template for Smart Grid and Smart Metering Systems**, albeit itself non-compulsory, will serve the purpose, as an evaluation and decision-making tool, of supporting data controllers in the smart grids sector to **comply with a future legal obligation** under the proposed ‘Data Protection Regulation’.
Opinion 07/2013 from Art. 29 Working Party

✓ ....recommends the European Commission of a test phase for the implementation of the DPIA Template, with the support of Data Protection Authorities.

✓ This test phase should contribute to ensure that the Template provides improved data protection to individuals in the context of the deployment of smart grids.
DPIA template test phase till October 2016
Joint effort workshop to test the DPIA template

17 april 2015 in Amsterdam
29/30 april 2015 in Lisbonn
Steps from DPIA template

• Step 1 - Pre-assessment and criteria determining— the need to conduct a DPIA
• Step 2 - Initiation
• Step 3 - Identification, characterisation and description of Smart Grid systems/applications processing personal data, including data flows
• Step 4 - Identification of relevant risks
• Step 5 - Data protection risk assessment
• Step 6 - Identification and Recommendation of controls and residual risks
• Step 7 - Documentation and drafting of the DPIA Report
• Step 8 - Reviewing and maintenance
DPIA template test user experience sharing

Strong points

- The workshops provided a good first introduction with the DPIA template
- It was important to involve people with different roles in the workshop
- The document includes important guidance for filling the DPIA template
- The assessment process itself increases awareness regarding data protection
- Gathered a lot of findings which will help us to increase the usability
Improvement points

• Text is some sections can be made more clear; much explanation was needed
• It must be well defined the object under DPIA (e.g., business process)
• The pre-assessment (decision to go on with DPIA) should be simpler
• The relevant risks may be better characterized
• The document may be made more homogeneous across sections
Move further on

- Include the general comments and findings in the document
- It is very helpful that other utilities move to a similar test phase:
  - Gain experience and get acquainted with the DPIA template
  - Opportunity to increase usability and fine tune the DPIA document
  - Good way to prepare for the upcoming legislation
Planning of the DPIA template test phase

1st half of April
DPIA Template Application at Alliander

2nd half of April
DPIA Template Application at EDP

22th May
Deliver Input report

24 September
EDSO workshop

18/19 November
ENEL workshop

20th May
Deliver Input report

June
Final input and report about the applicability of the DPIA

Mid-term Assessment Meeting

November 25th
Other utilities should follow the process and deliver report

Working process for the EC and other entities

October
Final Output meeting

DPIA Test Phase

2015

2016
International collaboration is crucial!!

European Energy ISAC

www.ee-isac.eu

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Many thanks for your attention!!