



Karlsruhe Institute of Technology

Institute for Automation and Applied Informatics (IAI) Research Area Advanced Automation Technologies (A2T) Research Group Secure Energy Systems (SES)

Hybrid Risk Assessment Process for Smart Grids

Sine Canbolat*, Ghada Elbez, Veit Hagenmeyer

Motivation



* Programmable Logic Controller (PLC)



Objective

- extend risk analysis in the literature

- partial implementation of the risk assessment's steps
- heterogeneous nature
- Security Information and Event Management (SIEM) solutions



The representation of Small Scale Smart Grid Architecture at the KASTEL Security Lab Energy



Low Medium Low High	adherence in the cyber physical energy systems cyber security. Future work will focus on a larger	Fuzzy Logic and FAHP Supporting comprehensive HRA process for the domain of SGs
* sine.canbolat@kit.edu		

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