عنوان مقاله:

Optimization of process security in smart meter reading

محل انتشار:

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خلاصه مقاله:

Concurrent with the growth and development of all aspects of human society also emergence of smart grids and definite need to these systems especially in power industry; a growing trend in Iran has been started. On the other hand due to widespread smart grid in many countries, there is a substantial ofmethods to implement security in smart grid electricity. These concerns in particular are about the meters reading; cause of the readings contain all the main features and parameters are the consumers. Despite some of the world's electricity consumption patterns, we can guess that these consumptions are related to a home network, commercial or military service. As such, incorporating the safety in transmission of reading meters at all kinds of communication Medias are imperative for power industry. In this paper weaknesses of existing systems are investigated, and the optimal solution in implementing an accurate model of the cryptographic from reading of the meters is provided

کلمات کلیدی:

Master station, concentrator, meter, ESAM module, initialization vector, diffusion factor

لینک ثابت مقاله در پایگاه سیویلیکا: