

# Cybersecurity through openness

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## **Abstract**

Although in many occasions the protection of information systems is achieved by implementing obscure procedures, the proper implementation of robust and efficient security means should be conducted according to Kerckhoff's principle. In this sense, open source software and hardware can be interpreted to foster co-creation in the field of information security and cybersecurity. The definition of standards solutions and the promotion of technical interoperability can help to build crowdintelligence for the exhaustive definition and validation of security requirements and attack models.

This talk will be focused on analyzing the main advantages and problems to leverage openness as core of the definition of technological standards and the implementation of certification programs for security and artificial intelligence products.