

EVOLUȚIA INTERNETULUI OBIECTELOR ÎN COMUNITĂȚILE SPECIFICE ECONOMIEI BAZATE PE CUNOȘTINȚE

THE EVOLUTION OF INTERNET OF THINGS IN KNOWLEDGE BASED ECONOMY COMMUNITIES

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Abstract: The progress in communications and IT technologies has led to the embedment of electronic components into an increasing number of objects having various uses. Since recently we have witnessed both the price decrease of the processors as well as the reduction of the specific power consumption. The "Internet of Things" (IoT) technology has continuously developed, enabling the introduction of the processors and communications modules in "smart" objects. By means of sensors and networking features embedded into the new "smart" objects, they can communicate with each other, accessed via Internet services and enabling the interaction with people. The digital facilities incorporated in the new "smart" objects have led to an increase of their utility and an efficient capitalization on the market for the new products.

Keywords: Internet of Things, Communication, Security, Privacy, IoT Management, Community.