

A Robust Implementation of a Building Resources Access Rights Management System

Authors : Eugen Neagoe, Victor Balanica

Abstract : A Smart Building Controller (SBC) is a server software that offers secured access to a pool of building specific resources, executes monitoring tasks and performs automatic administration of a building, thus optimizing the exploitation cost and maximizing comfort. This paper brings to discussion the issues that arise with the secure exploitation of the SBC administered resources and proposes a technical solution to implement a robust secure access system based on roles, individual rights and privileges (special rights).

Keywords : smart building controller, software security, access rights, access authorization

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