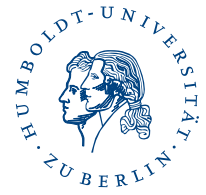


NEC

Joint Report



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Access Control for off-line Beamer Demo Description

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Abstract: We present the design and software prototype for an application that controls access to beamers that are installed in semi-public places, such as for example university class rooms. For this demo we use a J2ME capable mobile phone and standard PCs running J2ME as working platforms. We use this application to demonstrate access control security features in self-organizing PANs. The beamer and the user are not known to each other. Nevertheless, access to the beamer can be securely controlled with help of the mobile phone. This report describes the design, software and relevant standards used. In this proof-of-concept prototype we demonstrate the power and ease of use of *centrally managed offline service devices* – an example application of Fixed Mobile Convergence (FMC).

Keywords: Personal Area Network (PAN), Security, Identity Management, Access Control, SAML, Liberty Alliance, Fixed Mobile Convergence.

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