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SURVEY ARTICLE

An Android Powered Wi-Fi Network

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Abstract— Computer networks are used for the easy sharing of data and resources within a closed user group. These networks find use in a plethora of scenarios. This paper describes an App in Android which enables the android devices in a particular Wi-Fi network to join a private wireless network such as an office. Users entitled to use this particular app can share messages and data without using any paid carriers. Data exchanged will be highly secured since unauthorized access to the network is prohibited. Users can make audio and video calls within the network. App can be used to stream live video within the Wi-Fi network as well, if the android device used does have a video camera.

Keywords— Ethernet; WLAN; Wi-Fi Network; Android; Audio and Video Streaming

Full Text: <http://www.ijcsmc.com/docs/papers/ICMIC13/ICMIC13S3.pdf>