

# RELIABILITY AND SECURITY CONCERNS IN LOW RATE WIRELESS NETWORKS INSIDE BUILDINGS AND OUTSIDE

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**Abstract:** *The paper presents the strategies for establishing efficient and reliable data communication in wireless networks based on indoor and outdoor measurements with LQI and RSSI for network optimization, and the method for network nodes real-time localization which can be used in order to form a secure network.*

**Key words:** *data communication, LQI, RSSI, network optimization, nodes localization.*

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