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## **Abstract Details**

**Title:** Securing your Wimax Network

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**Abstract:** The paper discusses the operational (hardware & software) and services offer security requirements in an wimax system that are used in the transfer of secure digital data. The paper gives an overview on the security procedure like encryption, digital certificates, key agreement, digital signatures and tunneling that are used to enforcement data protection during data transfer. Beside that the paper also discusses the security requirements in the system to prevent possible internal attacks by applying AAA (Authentication& Authorization& Accounting). The paper also gives a brief on the security enforced in a device itself by use proprietary security polices and security measure during the production of the device.

**Keywords:** Wimax, Attacks and Threats, Security Issues.