

博士论坛

基于Internet的移动短信互通设计方案

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摘要 通过对国内外移动短信业务的相关分析, 提出了M2I2M短信互通方案, 其总体架构基于NGN的发展思路。关键是通过改进现有手机与Internet之间的短信接口和不同短信网络运营商之间协作调度短信方式的设计, 实现手机均无需具有支持Internet业务功能, 也可以凭借Internet为透明中介进行短信互通。与其他移动短信互通方案相比, M2I2M方案非常适用于国际用户间的移动短信互通。

关键词 [短信](#) [国际互通](#) [移动通信](#) [Internet](#)

分类号

Scheme for short message communication based on Internet

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Abstract

M2I2M scheme for short message communication is gotten from analysis of national and international short message services. The scheme architecture is based on NGN development orientation. The key is that the present short message access between mobile and Internet is improved and cooperation mode among different network operators is designed for transmission short messages. So short message communication can be carried out between mobiles which need not support Internet services; however Internet is working as crystal medium in the communication process. Compared with other short message communication schemes, M2I2M is greatly fit for international short message communication.

Key words [short message](#) [communication among nations](#) [mobile communication](#) [Internet](#)

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