

**АСПЕКТЫ ЭВОЛЮЦИИ АРХИТЕКТУРЫ БАЗОВОЙ СЕТИ ОТ GSM/UMTS К EPC**  
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SOME EVOLUTION ASPECTS OF BASE NETWORK ARCHITECTURE, FROM GSM/UMTS TO EPC

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**КЛЮЧЕВЫЕ СЛОВА:**

*сотовая связь, cellular networks/ GSM/ WCDMA/ LTE/ голосовые услуги, voice service/ IMS, EPC*

**АННОТАЦИЯ:**

Развитие сетей четвертого поколения LTE-Advanced в мире и в России идет ускоряющимися темпами, но полноценному использованию этих сетей мешают технологические вопросы реализации голосовых услуг в них. Рассмотрены исторические вопросы, настоящее положение и перспективы голосовых услуг в сетях LTE и LTE-Advanced.

*Many 4G cellular networks deployed already, but voice transmission questions still open. Evolution of base networks from GSM to LTE is reviewed in this article, and it reviewed like logical way from circuit switched to packet switched networks. Ways of voice services realization also reviewed, its characteristics and perspectives.*

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