

Traffic Load Sharing with Femtocell for Cellular Network

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Problem of current cellular network



Our solution

Principle: using mobility management protocol in core network to dynamically move a part of traffic from cellular network to femtocell network **Approach:** *multiple interfaced mobile devices connecting to femtocell AP provide relay service to other mobile devices under cellular network*



What is Femtocell

Femtocell: *low-power wireless access points providing improved cellular* coverage, capacity for indoor environment, e.g., home, small office.



	Femtocell	WiFi
Spectrum	Licensed	Unlicensed
Coverage	10m	30m
Wireless link	3G/4G	WiFi

Personal Information

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