

Key Technologies and Applications of 5G and Wi-Fi Heterogeneous Networks (pre-order)

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Abstracts

The industry's perspective on the relationship between private 5G and Wireless Fidelity (Wi-Fi) networks has gradually shifted from being competitive to cooperative and mutually complementary. Relevant technical specifications such as 3GPP's Access Traffic Steering, Switching & Splitting (ATSSS) and Wi-Fi Broadband Alliance's private network and Wi-Fi roaming initiatives have been aggressively promoted. There are various instances of 5G and Wi-Fi heterogeneous networking deployments worldwide, aiming to integrate the technical characteristics of both technologies for diverse application scenarios and optimal cost-efficiency in network deployment. This report provides an overview of the private 5G and Wi-Fi networks, explores their respective technologies towards shared roaming, and examines the current use of heterogeneous networking in vertical domains.

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