

【 End-to-End Private 5G Network 】

One-Stop Private 5G Network Vertical Integration Revolutionizes Transmission Efficiency

In recent years, the maturation of advanced 5G technology and the flourishing development of private 5G networks have provided the market with efficient and stable network communication infrastructure, which can deliver faster speeds, lower latency, and higher stability in various environments such as factories, enterprises, campuses, and more. Additionally, they meet the demands for large-scale data transmission and applications in specific scenarios. When integrated with various devices and Internet of Things (IoT) applications, private 5G networks is now a major catalyst for the intelligent upgrade of Industry 4.0.

D-Link offers a comprehensive series of private 5G network vertical integration solutions, covering the networking needs from end to end. This includes D-5GCore core networks, baseband units (BBU), radio units (RU), small cells, 5G UE devices, and Ethernet switches. Tailored to different scales and usage requirements, these solutions can be equipped with various complementary devices to provide integrated services and build a complete all-encompassing solution.

Designed specifically for private 5G networks, the D-5GCore core network, coupled with a flexible O-RAN architecture, provides broad network coverage for expansive enterprise campuses. Various devices can interconnect to enhance network efficiency, reduce costs, and strengthen security. In smaller spaces, deploying small cells with compact base stations enables rapid, efficient, and cost-effective 5G network deployment, effectively lowering management and maintenance costs while providing flexibility for expansion. In scenarios like the intelligent upgrade of Industry 4.0, automated factories, and IoT applications, private 5G networks facilitate direct communication between devices, enabling more efficient and flexible collaborative work applications. D-Link's one-stop private 5G vertical integration solution offers a high-quality 5G network experience for different application scenarios. With the D-Link D-ECS management platform, network management becomes more straightforward, bringing numerous innovative possibilities to various industries.

About D-Link

D-Link is a global leader in designing and developing networking and connectivity products and total solutions for consumers, small businesses, medium to large-sized enterprises, and service providers. From relatively modest beginnings in Taiwan, the company has grown into an award-winning global brand in 43 countries. Find out more about D-Link at www.dlink.com