6WINDGate

USPs

▶ **Speed to Market**

▶ **Flexible Business Model**

▶ **Widely Deployed by Tier 1 OEMs/ISPs**

Benefits

▶ A flexible design

▶ Fully supported and maintained solution

▶ Support for multiple architectures including Intel x86, AMD and ARM

▶ Rich set of features and a complete networking solution

▶ Hardware independence

▶ Performance & scalability

6WINDGate provides the foundation for next-generation networking applications.

Deployed in Tier 1 networks, 6WINDGate delivers the much-needed software solutions that enable OEMs to build networking products for 5G, SD-WAN, and IoT markets. This includes IP backhaul solutions, Unified Threat Management (UTM) products, universal Customer Premises Equipment (uCPE), Radio Access Network (RAN) solutions, and much more.

> " 6WINDGate delivers the performance required for our carrier-grade 3G/4G systems and now supports our initiatives to offer virtualized options as the market evolves. NEC is boosted by 6WIND's DPDK expertise, heterogeneous hardware support for multi-core processors, network software design skills and licensed support. "
>
> *Tsutomu Tsukagoshi, Assistant General Manager of SDN/NFV Solutions Division*

NEC

6WIND

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6WINDGate

6WINDGate helps secure OEM's products roadmaps and business plans with its performance, scalability, security and maintainability.

6WINDGate enables OEMs to continuously innovate and provide ready-to-deploy high performance product-grade application with a drastically shortened development cycle and an aggressive time-to-market strategy.

High Security
Widely deployed
High Scalability
6WIND Solutions
Lowest TCO
Flexibility
Cloud Native
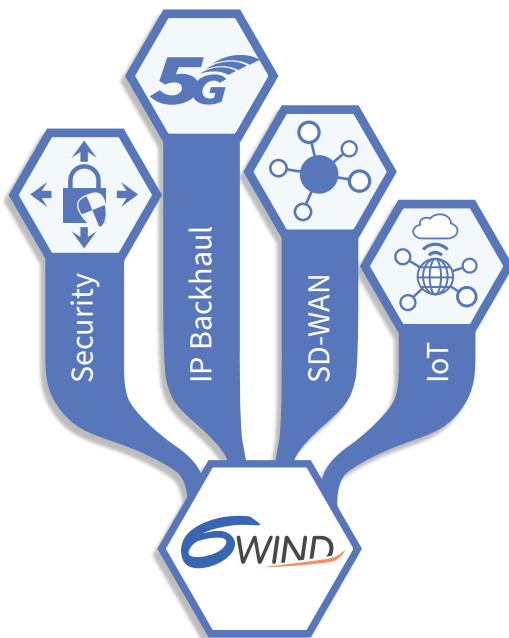
6WINDGate architecture uses a modular approach that provides the needed flexibility to build various networking applications, with a generic code base, seamlessly deployable in bare metal or virtualized (Virtual machines or Containers) on x86 and ARM platforms.

6WINDGate also offers extension capabilities through a standardized plu gins API that en ables OEMs to build customized networking solutions by onboarding specific enhancement features.

Security
5G
IP Backhaul
SD-WAN
IoT
6WIND

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The Foundation for next generation networking applications

Through 6WINDGate, 6WIND provides its customers independence from expensive networking hardware while delivering the high performance necessary for software on COTS servers.

6WINDGate combines more than 350-man years of development time to deliver a highly reliable and efficient technology used for building various networking solutions including:

▶ Packet Inspection Applications (Next generation firewalls, UTM, DPI)

▶ Telecom Applications (EPC, NG-Core, RAN, NG-RAN, Security Gateways)

▶ Service Providers and Enterprise Applications (SDN/NFV, SD-WAN, SASE, VPN concentrators)

6WINDGate guarantees to OEM's projects, along with innovation and stability

▶ A flexible design

▶ Fully supported and maintained foundation stack

▶ Performance and scalability

▶ Rich set of features and a complete networking stack

▶ Hardware independence

▶ Support for multiple architectures including Intel x86, AMD and ARM

▶ Enhanced deployment capabilities (bare metal, virtual machines and containers)

▶ Extensible management and monitoring capabilities (NETCONF/YANG based)

netconf

Management

EPC	LI	RAN	NG-Core	SecGW	UTM	SASE	SD-WAN
Evolved Packet Core	Lawful Intercept Solutions	Radio Access Network	Next Generation Core Network	Security Gateways	Unified Threat Management	Secure Access Service Edge	Service Defined Wide Area Network

Virtual Host Switching

6WINDGate

The source code foundation for high performance next-generation networking solutions

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