DZS Xtreme Access

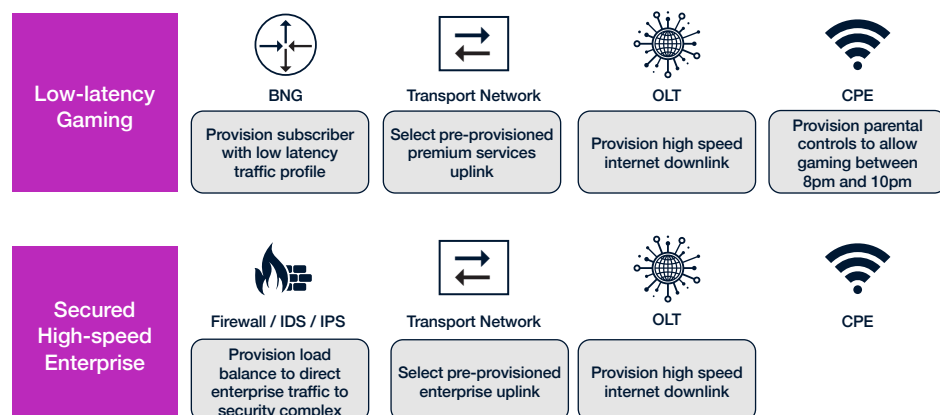## Advanced Access Service Automation and Orchestration

Speed Up Broadband Service Deployment and Slash Operations Expenses

Accelerate time-to-market, improve network monetization, and streamline operations with DZS Xtreme Access. The end-to-end, multivendor service automation and orchestration platform lets you design and turn up differentiated broadband services—quickly, easily, and cost-effectively. It helps service providers stand out from the competition, boost margins, and speed up future 50G and 100G infrastructure investment returns.

Unlike traditional service orchestration platforms that require a high degree of customization and costly professional services, DZS Xtreme Access is designed from the ground up for rapid time-to-value and extreme simplicity. Automated provisioning and service-chaining capabilities, wizard-driven user interfaces, and user-customizable back-office integrations make it fast and easy to design and deploy new broadband services tailored for specific applications and market segments. Intent-driven networking lets you design intelligent automated fulfillment of services with unique SLAs for each service, and an SDN-based architecture with standards-based APIs streamlines integration with OSS/BSS platforms, service assurance tools, and other external applications.

KEY BENEFITS

+ **Accelerate** the introduction of new broadband services

+ **Reduce** operations and integration expense and complexity

+ **Speed up** 50G and 100G investment returns

+ **Improve** customer experience and satisfaction

+ **Protect and extend** previous investments

Low-latency Gaming	BNG	Transport Network	OLT	CPE
	Provision subscriber with low latency traffic profile	Select pre-provisioned premium services uplink	Provision high speed internet downlink	Provision parental controls to allow gaming between 8pm and 10pm

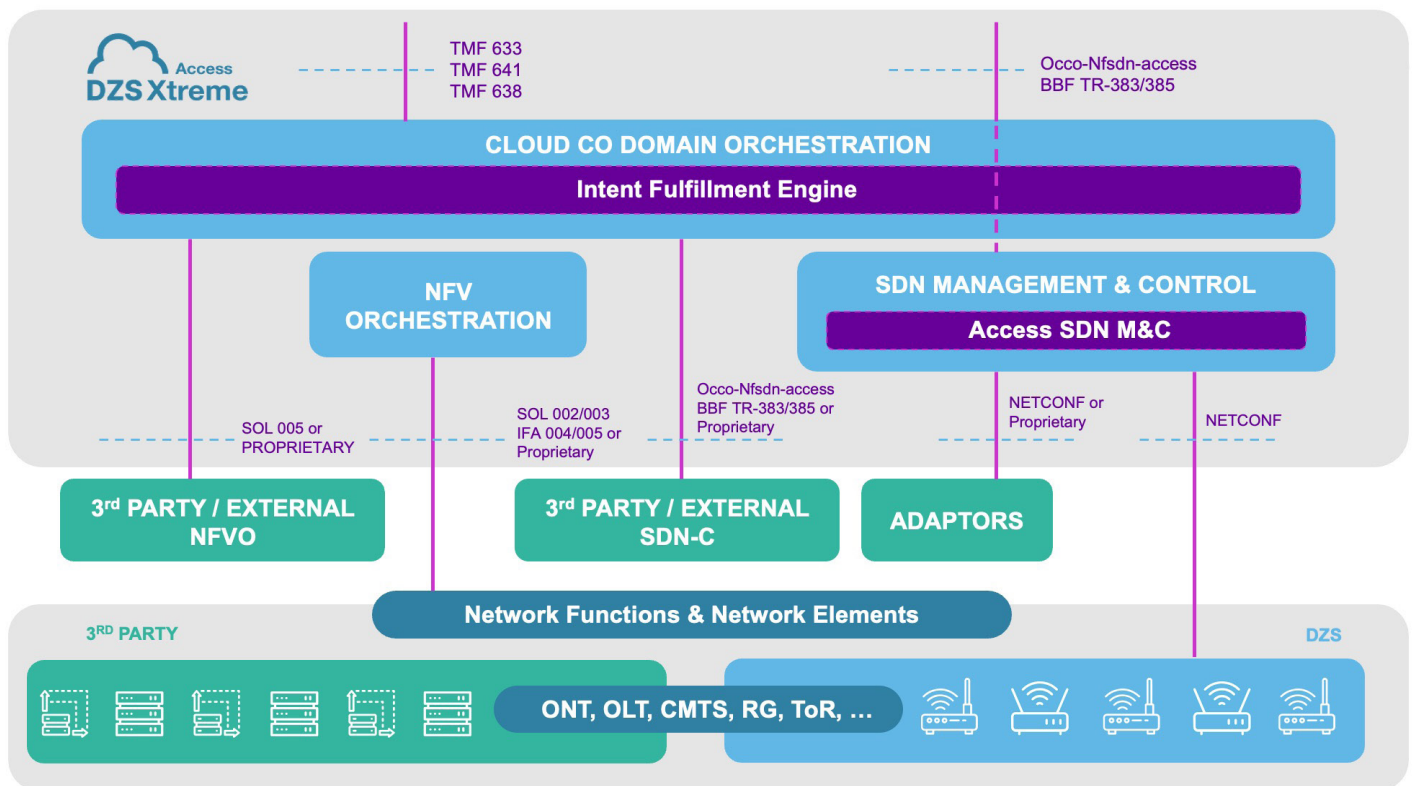| Secured High-speed Enterprise	Firewall / IDS / IPS	Transport Network	OLT	CPE
	Provision load balance to direct enterprise traffic to security complex	Select pre-provisioned enterprise uplink	Provision high speed internet downlink	

Automated Provisioning Makes it Fast and Easy to Design and Deploy Services

DZS Xtreme is an integral component of the AI-driven DZS Cloud software portfolio. You can use DZS Xtreme in conjunction with other DZS Cloud solutions to manage your customers' experience from the connected device in their home or business across the last mile to the edge of the internet. DZS Cloud provides single pane-of-glass visibility into the entire multivendor network from the optical edge, to the access edge, to the subscriber edge.

End-to-End Service Orchestration Across the Access Network

DZS Xtreme Access is specifically designed to fast-track the delivery of fixed access, high-speed broadband services (PON, XGSPON, Cable, etc.) for residential, SMB, and enterprise customers. The solution holistically orchestrates services across all segments of the access network, automatically provisioning virtualized network functions and physical network elements including customer premises equipment. It can easily manage any third-party network element including gateways, OLTs, switches, and BNGs.

Holistically Orchestrate Services Across Heterogenous Access Networks

With DZS Xtreme Access you can migrate to a modern, programmable, disaggregated network architecture that takes full advantage of NFV and SDN, while protecting and extending previous investments. With full support for Broadband Forum Cloud Central Office (CloudCO) Domain Orchestration standards, DZS Xtreme Access is the only future-proof automation solution that lets you manage services over a partially virtualized or fully virtualized multivendor network.

KEY FEATURES AND CAPABILITIES

+ **Differentiated service catalogues** – automated provisioning and service-chaining functionality make it easy to create and manage a wide variety of ready-to-deploy services aimed at different applications and market segments

+ **Intuitive GUI** – a service-centric user interface with drag-and-drop functionality and context-aware wizards simplifies service composition and deployment

+ **Open APIs and interfaces** – standards-compliant APIs simplify integration with existing systems and practices such as OSS/BSS platforms, service assurance tools, and analytics solutions

+ **Automated deployment and operations** – advanced service orchestration and configuration management functionality makes it easy to deploy, tune, and scale services across heterogeneous networks and to manage Day O (installation), Day 1 (activation), and Day 2+ (optimization, maintenance) operations

+ **Intent-driven fulfilment** – intent-based networking with closed-loop assurance intelligently enforces SLAs, optimizes customer experience, and eliminates manually intensive, error-prone administrative processes

+ **Model-driven approach** – a modern, model-driven software design dramatically simplifies and speeds up integration efforts, improving productivity for in-house developers and operations teams

+ **Vendor-agnostic solution** – integrations with 80+ different vendors and devices avoids lock-in and protects and extends previous investments