



NEWS RELEASE

DZS Brings Hyper-Connectivity to the Access Edge, Launches DZS Helix Portfolio Featuring New 10 Gig-class and Wi-Fi 6 Systems

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Carrier-grade edge access solutions leverage DZS Cloud Service Management Intelligence and Orchestration to deliver an enhanced broadband experience and new operational efficiencies

PLANO, Texas, July 26, 2021 (GLOBE NEWSWIRE) -- **DZS** (NASDAQ: DZSI), a global leader of optical and packet-based mobile transport, broadband connectivity, and software defined network solutions, today announced the launch of the **DZS Helix Edge Access** portfolio. Featuring one of the industry's largest collections of feature-rich fiber termination points as well as residential/enterprise gateways and Wi-Fi systems, the new DZS Helix portfolio includes support for 10 gig-class hyper-broadband services, Wi-Fi 6, and managed access network support all the way to the premise edge and beyond. When combined with open and standards-based **DZS Cloud** analytics, orchestration, and service management, DZS customers have the decision-support and management tools to extend the managed access network from the core to consumer/enterprise connected device and to launch new services rapidly. This combination creates extraordinary service visibility and end-user experience control and the ability to dramatically improve the end-user broadband service experience efficiently and effectively, even if the customer premises equipment (CPE) already in place is not made by DZS. A variety of new DZS Helix Edge Access products featuring Wi-Fi 6, Power over Ethernet support, 10 gig-class services support, and EasyMesh will be introduced and on display at the **Fiber Connect 2021 Conference & Exposition** taking place in Nashville, Tennessee July 26 and 27.

"Market forces such as Wi-Fi 6, enhanced mobile broadband, mmWave UE and Fixed Wireless Access have changed the rules of connectivity and are defining a new domain in the network – the access edge that is the point of convergence where the access network, the home network, the end-user broadband-enabled device, and the data that informs the quality of the service intersect at the end user to define the user experience," said Daniel Won,

Chief Product Officer at DZS. “By delivering functionality and visibility from the cloud to the access edge, DZS Helix complemented by DZS Cloud wraps around the end-user experience and arms service providers with the critical infrastructure and data/analytics they need to maximize broadband speeds, build agility into their infrastructure, lower churn, and deliver on the promise of brilliant buildings and hyper-connectivity. Our experience gleaned from shipping millions of edge access units every year globally to many Tier 1 service providers as well as aggressive alternate providers gives us the scope, scale, and insights to deliver cutting-edge solutions that are as easy to operate, troubleshoot, and maintain as they are vehicles for new revenue streams and exceptional broadband experiences to our customers.”

The DZS Helix Edge Access portfolio is comprised of G- and X-series fiber termination points, residential/enterprise and Wi-Fi gateway systems, W-series mesh access points, and an emerging R-series of LTE/5G residential and enterprise gateways. With these intelligent products that can interface via 2.5 gig and 10 gig-class technologies at the residential/enterprise premises, service providers can move beyond traditional triple-play offerings and quickly and efficiently introduce, manage, troubleshoot and improve new value-added services such as multi-gig-speed internet, IPTV, VoIP, managed Wi-Fi, EasyMesh and Wi-Fi extensions, home security, cloud-connected smart home IoT, home office/videoconferencing and over-the-top (OTT) services.

The broad DZS Helix portfolio drives service value at various solution domains with extensive flexibility, allowing users to map DZS premises products to their needs:

- **Fiber Termination:** High performance but cost-effective, DZS fiber termination points enable utility-like always-on connectivity – similar to electricity or water – to broadband-enabled IOT devices and their end-users. Offering a range of speeds measured in megabits per second all the way to 10 gigabits per second, DZS fiber termination points support integrated fiber management, and options for extended temperature operation. Some devices are ideal for high density urban deployments, including work-from-home/SOHO networks where customers require cost-effective, reliable high-speed internet (5222XG / 5228XG), while others suitable for extreme environments can be installed in an outdoor enclosure (5225A / M1100).
- **Service Assurance:** DZS Edge Access solutions offer a set of advanced troubleshooting capabilities and tools that ensure delivery of critical services, including Internet, voice and IPTV. With DZS CPE Manager, users have remote access and visibility to performance monitoring, transport of services, voice services with SIP and MGCP, as well as industry standard TR-143 speed testing and more.
- **Advanced Services and Whole Building Coverage:** Supported by Wi-Fi 6, DZS systems are optimized to offer carrier-grade Wi-Fi, home network management and intelligent CPE capabilities, including support for multi-user MIMO and OFDMA, Ethernet-based fiber termination points, 10 Gigabit Ethernet ports and Easy Mesh R2.0. When combined with DZS Cloud, the DZS Helix portfolio enables advanced decision tools, analytics and



client management, including new tools for customer care, demand generation and service creation. DZS also offers software solutions that are configurable and hardware neutral, easy to install and ensure quality of service, prioritization of data and video content, and unified management.

“Lowering the total cost of doing business is paramount for service providers,” said Eric Wulfsberg, Senior Director of Product Line Management at DZS. “DZS Helix serves as the link between the network and customers’ devices, providing high performance, carrier-grade, cost-effective, standards-based fiber termination points and wireless solutions to provide a whole home experience that is reliable and future proof services. It also enables, when complemented by DZS Cloud, management and visibility of home network for identifying performance and connectivity issues while reducing customer calls/complaints and truck rolls to allow service providers to focus on selling new services and enhancing the customer experience.”

In order to meet the needs of enterprise customers deploying Passive Optical Networks in their buildings, the DZS Helix portfolio includes fiber termination points certified for Metro Ethernet Forum, offering high levels of commercial viability and standards for business services. With fiber termination points capable of remote powering devices utilizing Power over Ethernet (POE) technology, the DZS Helix portfolio represents the next generation of intelligent connected devices for **FiberLAN** systems and is a key enabler behind tomorrow’s brilliant buildings – from rural to city environments. They also serve as the gateway between network gear and the customer premises as 5G becomes a growing means of service delivery.

If you are attending the Fiber Connect 2021 Conference & Expo, stop by DZS booth #215 and see the following DZS Helix products and DZS Cloud offerings making their industry debut:

- G-series: H660GX Wi-Fi6 Residential Gateway System
- G-series: 2609GN PoE++ Enterprise Gateway and 2628GN PoE++ and POTS Enterprise Gateway
- X-Series: H842 Fiber Termination Point featuring 10 gig-class fiber access support
- X-Series 5222GX residential gateway and the 5228XG WiFi6 Residential Gateway System featuring 10 gig-class service assurance with VOIP and CPE Manager support
- W-Series: 1664DC WiFi6 Mesh Access Point
- **DZS Cloud Service Management Intelligence demonstration**

For more information on DZS and its Helix portfolio of connected premises solutions, visit **Smart Gateways – DZS (dzsi.com)**.

About DZS

DZS Inc. (NSDQ: DZSI) is a global leader of optical and packet-based mobile transport, broadband connectivity, and software defined networking solutions. With more than 20 million products in-service and customers and alliance partners spanning more than 100 countries, DZS is helping many of the world's most advanced and innovative service providers and enterprises leverage the power of 5G, 10gig fixed broadband, and software-defined networks to deliver cutting-edge services and lead in their markets.

This press release contains forward-looking statements regarding future events and our future results that are subject to the safe harbors created under the Private Securities Litigation Reform Act of 1995. These statements reflect the beliefs and assumptions of the Company's management as of the date hereof. Words such as "anticipate," "believe," "continue," "could," "estimate," "expect," "forecast," "goal," "intend," "may," "plan," "project," "seek," "should," "target," "will," "would," variations of such words, and similar expressions are intended to identify forward-looking statements. Readers are cautioned that these forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions that are difficult to predict. The Company's actual results could differ materially and adversely from those expressed in or contemplated by the forward-looking statements. Factors that could cause actual results to differ include, but are not limited to, those risk factors contained in the Company's SEC filings available at www.sec.gov, including without limitation, the Company's annual report on Form 10-K, quarterly reports on Form 10-Q and current reports on Form 8-K. Readers are cautioned not to place undue reliance on any forward-looking statements, which speak only as of the date on which they are made. The Company undertakes no obligation to update or revise any forward-looking statements for any reason.

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