



NEWS RELEASE

# Matrix NAP Info Boosts Terabit-Era Submarine Connectivity with Ciena WaveLogic 6 Extreme on the Batam–Jakarta Corridor

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1 Tb/s per-wavelength deployment on the Matrix Cable System positions Indonesia at the forefront of next-generation digital connectivity

JAKARTA, Indonesia--(BUSINESS WIRE)-- Matrix Networks Pte Ltd (**Matrix Networks**) and PT NAP Info Lintas Nusa (**NAP Info**), strategic partners in the operation of the Matrix Cable System (collectively "Matrix NAP Info"), today announced the successful activation of Ciena's (NYSE: CIEN) **GeoMesh Extreme** solution, powered by WaveLogic 6 Extreme (**WL6e**) coherent optical technology, across the Batam–Jakarta segment of the Matrix Cable System (MCS). The deployment establishes Matrix NAP Info as one of the first operators in the region to commercially activate the latest generation of Ciena's coherent optical technology on a live submarine cable system, delivering 1 Tb/s per wavelength channel across the 1,055 km link.

The MCS has long served as a critical "digital bridge" connecting Indonesia to global internet and cloud hubs via Singapore. By upgrading the Batam–Jakarta backbone segment with WL6e, the most spectrally efficient coherent optical engine commercially available today, Matrix NAP Info has expanded the throughput of its existing fiber infrastructure without having to lay new cables. The upgrade was executed in partnership with Ciena's accredited channel partner, **Terrabit Networks**, with **Ciena Services** overseeing pre-deployment engineering, end-to-end network build-out and lifecycle management.

**Key Highlights:**

- **1 Tb/s Wavelength on a Live Subsea Segment:** The Batam–Jakarta segment of the MCS now carries 1 Tb/s per wavelength, a milestone that places Matrix NAP Info among a select group of global operators deploying terabit-class coherent optics on in-service submarine cable infrastructure.
- **Maximum Spectral Efficiency with WL6e:** Ciena’s WL6e pushes spectral efficiency to its theoretical limits, enabling more capacity per hertz of spectrum than any previous generation of coherent technology.
- **Sustainable Infrastructure Scaling:** Matrix NAP Info enhances the capacity of its existing cable infrastructure to meet the growing demand for cloud, AI, and content delivery services, while driving capital efficiency and supporting a reduced carbon footprint.
- **Proven in Live Production:** Matrix NAP Info completed a live production trial with WL6e, achieving sustained, high-performance 1 Tb/s transmission across the MCS under real-world submarine conditions.
- **Positioning Indonesia as a Regional Connectivity Hub:** The upgraded Batam–Jakarta corridor forms the high-capacity backbone that underpins Matrix NAP Info’s broader digital ecosystem, including MC-IX, Matrix Data Center, Matrix Cloud, and Matrix Internet services.

#### Executive Comments:

“Activating 1 Tb/s per wavelength on our Batam–Jakarta submarine segment is not simply a capacity upgrade — it is a statement about where Matrix NAP Info stands in the global connectivity landscape,” said Omar Syarif Nasution, Director of Matrix NAP Info. “By deploying the most advanced coherent optical technology available, we are future-proofing Indonesia’s international connectivity backbone and ensuring that our customers have access to the bandwidth they need to compete in the AI and cloud era. We are proud to be among the first operators in Southeast Asia to reach this milestone on a live submarine system.”

“Indonesia is emerging as one of the most strategically important connectivity hubs in Asia-Pacific, driven by explosive growth in cloud adoption, AI workloads, and digital services,” said Alex Wong, Regional Managing Director, ASEAN, Ciena. “A pioneer in connecting Indonesia to the rest of the world, Matrix NAP Info is unlocking new levels of capacity on its existing cable system with Ciena’s coherent optical technology.”

#### About Matrix Networks Pte Ltd

Matrix Networks is an international telecommunications company that provides equal and open access to international connectivity via undersea infrastructure in Southeast Asia. Matrix Networks holds a Facility-Based Operator (FBO) license issued by the Infocomm Media Development Authority (IMDA) of Singapore. For more information, please visit [matrixnetworks.sg](https://matrixnetworks.sg)

#### About PT NAP Info Lintas Nusa

PT NAP Info Lintas Nusa (“NAP Info”) is a leading Indonesian telecommunications company with more than 20 years of experience in the market. Established in 2000, NAP Info was the first neutral and independent network access provider to operate in Indonesia via its own subsea cable infrastructure. Today, as strategic partners with Matrix Networks, NAP Info operates the Matrix Cable System (MCS) — directly linking Jakarta and Singapore — and delivers an integrated suite of digital solutions including MC-IX, Matrix Data Center, Matrix Cloud, and Matrix Internet services. For more information, please visit [napinfo.id](http://napinfo.id)

### **About Terrabit Networks**

Terrabit Networks is a regional telecommunications solutions provider headquartered in Singapore, delivering end-to-end network infrastructure and services across Southeast Asia. The company specializes in optical transport, IP networking, and data center interconnect solutions, supporting service providers and enterprises in building scalable and high-performance networks. With strong partnerships with leading global vendors and a team of certified engineers, Terrabit is committed to delivering reliable, cost-effective solutions to meet growing connectivity demands. For more information follow us on LinkedIn or visit [terrabitnet.com](http://terrabitnet.com).

### **About Ciena**

Ciena is the global leader in high-speed connectivity. We build the world’s most advanced networks to support exponential growth in bandwidth demand. By harnessing the power of our networking systems, interconnects, automation software, and services, Ciena revolutionizes data transmission and network management. With unparalleled expertise and innovation, we empower our customers, partners, and communities to thrive in the AI era. For updates on Ciena, follow us on [LinkedIn](#) or visit the [Ciena website](#).

### **Note to Ciena Investors**

You are encouraged to review the **Investors section** of our website, where we routinely post press releases, SEC filings, recent news, financial results, and other announcements. From time to time we exclusively post material information to this website along with other disclosure channels that we use. This press release contains certain forward-looking statements that are based on our current expectations, forecasts, information and assumptions. These statements involve inherent risks and uncertainties. Actual results or outcomes may differ materially from those stated or implied, because of risks and uncertainties, including those detailed in our most recent annual and quarterly reports filed with the SEC. Forward-looking statements include statements regarding our expectations, beliefs, intentions or strategies and can be identified by words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. Ciena assumes no obligation to update the information included in this press release, whether as a result of new information, future events or otherwise.

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