

**Converge to amp up network backbone speed
by deploying first 800G technology in PH**

Leading fiber internet services provider Converge ICT Solutions Inc. continues to push the boundaries of technology as it announced that it is gearing up to double the data transmission capacity of its metro backbone from the existing 400 Gigabit per second to 800 Gbps, in anticipation of the use of next-generation, hyperscale capacity applications over its fiber optic network.

Converge CEO Dennis Anthony Uy announced the substantial network upgrade during the Department of Information and Communications Technology's "The Future of the ICT Industry" forum, held recently to cap off the National ICT Month.

"Developments in cloud computing, big data, virtual reality, combined with the increasing demands on remote storage and streaming technology is creating massive demand on our network and data centers. We want to respond to the high-capacity needs of our network and customers, and to be able to accommodate any new-generation technologies they may have," said Uy.

The metro backbone connects multiple networks together, allowing them to communicate with each other and push traffic between and among them, such as between two data "Points-of-Presence" typically located in data centers. With the foreseen upgrade of the backbone to 800 Gbps, it will mean dramatically more data to be pushed through data centers, decreasing latency, and allowing for high-speed data transfers needed for next-generation technologies such as the Internet of Things and smart cities.

The network upgrade is yet another infrastructure investment of Converge aimed at improving the services it offers to customers and future-proof its network.

"Just think about how much capacity 800 billion bits per second will give you. That's enough to download the latest Valorant season and over 20 HD movies in one second," said Converge COO Jesus Romero.

"At the same time, this latest technology allows us to use less hardware to efficiently deliver our services, limits the possibility of congestion whether in normal or outage situations, and reduces our energy consumption and cost," Romero added.

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PRESS RELEASE



Last year, Converge activated the Philippines' first 400Gbps metro backbone utilizing industry-leading optical solutions from a United States-based networking systems, services, and software company. This deployment provided Converge with a programmable, dynamic setup of connections that increases adaptability and resiliency.

Converge continues to introduce innovations in the fiber optic broadband space as it aims to reach 55% of total Philippine households with its pure fiber connectivity by 2025.

As of end-March this year, the domestic fiber optic network of Converge has passed over 7 million homes or around 28% of total households in the country.

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PHOTO:

A screenshot of a presentation slide titled "FUTURE OF THE ICT INDUSTRY IN THE COUNTRY" with the DICT logo. The slide text states: "Converge ICT is the first in the Philippines to deploy Nx 400Gbps capacity per wavelength over its DWDM network. Now moving to Nx 800Gbps to complement its on-going nationwide backbone roll-out." A diagram shows a central "1st by 400 Gbps" node connected to four nodes labeled "MANILA", "CAGAYAN", "BUAICAN", and "PASIG". To the right is a video call window showing Dennis Anthony Uy. Below the slide is the "NATIONAL ICT MONTH 2021" logo with the tagline "Onwards through ICT Building a stronger Philippine Digital Economy".

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About Converge ICT Solutions, Inc.

Converge Information and Communications Technology Solutions, Inc. (PSE:CNVRG) is the leading pure fiber data network and internet service provider in the country. It is the first to run a pure end-to-end fiber internet network, providing Filipinos simple, fast, and reliable internet connection. Converge is ISO 9001 and CE2.0 Certified.

Dennis Anthony H. Uy is the Founder, CEO, and Executive Director of Converge ICT Solutions. Connect with him on LinkedIn ([@DennisUyFiberMaster](#)) or follow him on Facebook ([@DennisUyFiberMaster](#)) and Twitter ([@TheFiberMaster](#)).

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