

## Press Release

### DE-CIX Istanbul Reaches New Traffic Peak in its Anniversary Year

**Istanbul, 5 August 2025.** DE-CIX Istanbul has set a new data transmission record. On the evening of July 30 2025, the largest neutral Internet Exchange (IX) in Türkiye [surpassed 500 Gigabits per second](#) of data throughput for the first time. In the year of DE-CIX Istanbul's 10th anniversary, this new record of 505.26 Gbit/s marks a nearly fourfold increase since the beginning of 2020 (+ 295%) and represents a 34% growth since the beginning of 2025. To put this into perspective: 500 Gbit/s is equivalent to approximately 300,000 TikTok videos being streamed simultaneously. The new record was set shortly after 10 pm local time and coincided with the enormous public attention given to the arrival of football star Victor Osimhen in Istanbul – an event that captured the attention of fans across digital platforms.

#### 10 years at the digital crossroads of continents

Celebrating a decade of operations in Istanbul, DE-CIX is a key enabler of digital transformation in the region, bringing world-class interconnection services closer to where businesses and networks need them most.

“DE-CIX Istanbul enables seamless digital services across all sectors and serves as the heart of Türkiye's digital ecosystem. Thanks to the efficient routing of network traffic, end users benefit from smooth gaming and streaming experiences, and industries can power their data-driven business models,” says Bülent Sen, Regional Director Türkiye at DE-CIX. “DE-CIX Istanbul continues to grow as a vital digital bridge between Europe and the Middle East. In 2024, the number of connected networks at the exchange grew by 18.5%. Data traffic also saw significant growth, with 726 petabytes exchanged – an 11% increase over the previous year.”

#### What is a Gigabit per second? And how much is 500 Gbit/s?

A Gigabit per second (Gbit/s) is dimension for the transmission speed of data.

- 1 Gbit/s equals 1,000 Megabits per second (Mbit/s)
- A data throughput of 500 Gbit/s is equivalent to approximately 300,000 TikTok videos being streamed simultaneously, or around 20,000 parallel 4K video streams, assuming each stream requires about 25 Mbit/s.

**About DE-CIX**

DE-CIX, pronounced DEE-KICKS [[d'i:-k'iks](#)], is the world's leading operator of Internet Exchanges (IXs). Founded in 1995, the company is celebrating its 30<sup>th</sup> anniversary in 2025. DE-CIX offers its interconnection services in 60 locations in Europe, Africa, North and South America, the Middle East, and Asia. Today, accessible from data centers in over 600 cities world-wide, DE-CIX interconnects thousands of network operators (carriers), Internet service providers (ISPs), content providers and enterprise networks from more than 100 countries, and offers peering, cloud, and other interconnection services. DE-CIX Frankfurt is one of the largest Internet Exchanges in the world, with a data volume of over 45 Exabytes per year (as of 2024) and close to 1100 connected networks. Close to 250 colleagues from over 35 different nations form the foundation of the DE-CIX success story in Germany and around the world. Since the beginning of the commercial Internet, DE-CIX has had a decisive influence – in a range of leading global bodies, such as the Internet Engineering Task Force (IETF) – on co-defining guiding principles for the Internet of the present and the future. As the operator of critical IT infrastructure, DE-CIX bears a great responsibility for the seamless, fast, and secure data exchange between people, enterprises, and organizations at its locations around the globe. Further information at [www.de-cix.net](http://www.de-cix.net)

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