

PRESS RELEASE

CYBERTECH 2025: OLIDATA PRESENTS THE FIRST ITALIAN 100Gb CRYPTOGRAPHIC TECHNOLOGY THAT RESISTS QUANTUM ATTACKS

- **A solution designed and developed exclusively in Italy, using post-quantum algorithms, to keep the country safe. A digital architecture designed for institutions and businesses, rendering intrusions to decrypt sensitive data harmless.**
- **Olidata developed this tool to make Italy independent from foreign technologies.**

Rome, October 21, 2025. Olidata is present at the 2025 edition of Cybertech Europe, an international event focusing on the future challenges of technology, attended by leading companies in the sector, startups, and institutions.

The Olidata Group presented an innovative tool that our country does not yet have: a technology that generates encryption using post-quantum algorithms, i.e., algorithms that, even when subjected to quantum computers, would only be decrypted after a long period of time (usually, a quantum computer can break a security key in a millisecond).

This solution was designed and developed entirely by Olidata, using proprietary technology that is 100% made in Italy. It represents an opportunity for the country and its institutions to work together and protect sensitive infrastructure from attacks or theft of confidential information. Olidata designed this tool to make Italy technologically independent, eliminating the need to rely on foreign providers for such services.

The company has researched and designed this digital architecture, the first of its kind in Italy, in its own laboratories, thanks to investments in R&D carried out in recent years.

*“Our goal is to help the country grow and progress, focusing on the talents that will build its future. We believe that this new, entirely Italian solution represents a crucial step for Italy, enabling it to face future technological challenges without falling behind other nations. This new digital architecture that we have set up will be a useful and necessary tool for networking between institutions and the business world, to make our systems secure and efficient, increasingly guaranteeing the idea and vision of digital sovereignty,” commented **Cristiano Rufini, President of Olidata.***

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