



PRESS RELEASE

## **UNIDATA wins the tender for EU research to unify and optimise IoT and Big Data technologies**

**Total value of the project: 4.9 million euros.  
Unidata receives 350,000 euros non-repayable grant.**

**Rome, 24 June 2020** – Unidata S.p.A., a telecommunications company listed on AIM Italia and with a substantial presence in Rome and Lazio, reports that it has been awarded research and innovation funding under the European Horizon 2020 programme for projects in the field of IoT (Internet of Things) and Big Data technology.

The project, named ELEGANT (sEecure and seamLess EdGe-to-cloud ANalyTics), involves 11 partners from 8 European countries with leading research centres (including Italy's CNIT) and industry partners (such as the Austrian KTM Innovation) and will last approximately 36 months starting from September 2020.

The project has a value of 4.9 million euros, and includes a non-repayable grant to Unidata worth 350,000 euros.

Unidata's contribution to the project's Research and Development will involve monitoring the increased security of IoT systems and the optimal use of radio frequencies, as well as the validation of the project's results via its own **IoT LoraWan** network and **UniOrchestra platform**. There is a planned *Use Case* for smart water metering, which will lead to more secure IoT systems that consume less energy, geared to reducing the environmental impact of electromagnetic pollution while ensuring optimal use of the radio spectrum.

The final outcome of the project will make Unidata's IoT network more "*intelligent, efficient and secure*" for future solutions and applications, while also strengthening the company's positioning in the IoT sector, in which Unidata is already among the leading European proponents.

ELEGANT aims to solve the ever-growing problem of complexity in the software that integrates IoT with Big Data, by developing innovative tools and methods to enhance performance, improve reliability and security and boost energy efficiency. Artificial Intelligence will be one of the tools used, particularly to develop the interaction and updating of software for IoT devices. Currently in IoT/Big Data/AI systems there is a clear separation between physical devices and the Cloud used by Big Data and AI, in which the dynamic, "intelligent" part is confined to the Cloud, while the end devices are solely used to generate the data that will be used. The aim of ELEGANT is to create a continuous circle between devices and Big Data/AI, which will allow the central system to dynamically distribute intelligence and data analytics capacity even to heterogeneous physical devices (such as IoT network concentrators and devices).

There are numerous fields of application, from the automotive industry to healthcare, smart metering to video surveillance.



*“We’re particularly proud of UNIDATA’s involvement in the ELEGANT 2000 project - says **Renato Brunetti, President of Unidata** – because this is the result of years of work and investment in cutting-edge technologies. Not only that, it’s also a recognition of the quality and expertise of our R&D group, which has succeeded in prevailing in the complex and highly competitive European environment. The results that will emerge from the project will be useful in enabling us to introduce increasingly effective solutions and products for the IoT sector, which is dynamic and fascinating today, but will gain growing importance in the future”.*

**For further information:**

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*Unidata S.p.A. is a telecommunications company with a significant presence in Rome and the Lazio region. The company was founded in 1985 by 3 partners who remain in place. With a fibre optics network of more than 2,000 km and constantly expanding, and its own wireless network and Data Centre, Unidata supplies around 6,500 business, wholesale and residential customers with superfast broadband fibre optic connectivity using FTTH (Fibre To The Home) network architecture, wireless connectivity, VoIP telephony, Cloud services and other dedicated solutions, with high levels of reliability and security. Other fields currently in the startup phase are the Internet of Things (IoT), with the development and provision of solutions for the home automation and Smart City markets.*

*Unidata S.p.A. ISIN CODE: IT0005338840 (Reuters UD MI - Bloomberg UD IM) is listed in the AIM Italia section of the Italian Stock Exchange*

*News and information about the company are available at [www.unidata.it](http://www.unidata.it)*