

PRESS RELEASE

RESI S.P.A. AWARDED INNOVATION AGREEMENT, MISE - SECOND WINDOW

Resi Informatica S.p.A., in partnership with IPS S.p.A., NetResults S.r.L., and the research organization Alma Mater Studiorum University of Bologna, has been awarded funding for the development of the D.A.I.MON project.

The D.A.I.MON project (**D**ynamic **A**rtificial Intelligence **M**onitoring) was conceived in response to the MISE call for innovation agreements, second window, with the aim of developing a monitoring and analysis system for traffic based on Artificial Intelligence, with particular attention to stand-alone 5G network infrastructure.

The designed system will feature functions for detecting anomalous events, critical events, and trend analysis in network traffic (Detection), predicting future traffic trends (Prediction), and processing general and granular metrics indicative of the quality of service experienced by end-users (Quality of Experience, QoE).

Data acquisition will occur through various capture, tracking, and traffic generation systems, in addition to the use of external sources and third-party systems. Natively designed to power cloud-based network orchestration and automation systems, the system will present vertical functionalities dedicated to monitoring Internet of Things environments and Machine-2-Machine protocols, capturing the industry's major current trends and ensuring the integrability of future developments.

Through machine learning and artificial intelligence techniques, the project aims to surpass the current statistical-deterministic approach used in network monitoring, which may overlook behavior patterns and significant correlations, and move towards a holistic-predictive model that provides decision support to operators in diagnostic, configuration, and future infrastructure evolution planning activities.

The **D.A.I.MON** project aims to deliver a cutting-edge solution in the field of the new generation of Service Assurance systems applied to emerging telecommunication networks.

About RESI S.p.A.

For over thirty years, RESI S.p.A. has been a technological partner to the largest Service Providers, safeguarding and advancing their most valuable asset: their network. Our years of experience and consolidated expertise, combined with ongoing investments in R&D, enable us to translate our clients' real needs into practical solutions. We develop advanced ICT solutions for managing 5G and 4G networks, ensuring a superior level of quality of experience for end-users both nationally and internationally. Our company and its personnel are distinguished by a strong engineering know-how in the design, development, and management of Service Assurance solutions. We utilize proprietary Deep Packet Inspection technology for this purpose. Additionally, we offer Quality Assurance services within the contact center domain and Digital Transformation solutions for both private and public enterprises.