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Press Alert

Prologue, Télécom SudParis and Institut Mines-Télécom sign a technological partnership in the field of collaborative digital healthcare

Prologue, Télécom SudParis and Institut Mines-Télécom have just signed a technological partnership called HEBE which is intended to provide solutions based on technology using Cloud Computing, Big Data, IoT (Internet of Things) and Machine-to-Machine communication technology, in the fields of medical assistance and remote care for people with reduced mobility or autonomy.

Built on scientific collaboration that has been in place for 7 years between Prologue and Télécom SudParis in the framework of three national and European collaborative projects (the FP7 MobiThin project, the Future Investments program, the CloudPort project and the ITEA2 MEDUSA project), HEBE will be founded on a partnership between Prologue and Télécom Sud-Paris. To validate its concepts it will rely on the Information and Autonomy Living Lab set up by Institut Mines-Télécom and the Lorraine Social Health Office (and its Ecole de la Vie Autonome).

The project's aim is to use Cloud Computing and Big Data to develop solutions for medical assistance based on the compatibility of health applications with connected things, which play the role of sensors. Solutions proposed will thus allow medico-social care to be provided in real time to patients, thanks to remotely activated signals and rapid and appropriate treatment. A variety of uses will be possible, such as observation of a patient's exercises to ensure movements are being carried out correctly, or forewarning of fits of epilepsy through the detection of indicator movements.

The project will be open to different actors within the world of healthcare in order to create a network to incorporate knowledge from all technological and professional domains within the health sector.

It will last 6 years and will be executed in 3 phases, during which engineers and researchers will work together on design, production and deployment. This last phase, devoted to real cases of use, will last 3 years.

For the project, Prologue will use its most recent Cloud technology tools and will provide a generic software platform enabling the integration of statistical models for third-party medical Big Data, as well as the deployment within the Cloud of solutions for generic analytical applications. This will interact with the different facilities and innovative methods made available by Institut Mines-Télécom. Validation work carried out thanks to the Living Lab will be used for ISO standardization work on MPEG wearables, led by Télécom SudParis.

In time the project will lead to the creation of an innovative health services platform based on networks between movable objects and medical management applications in order to improve the medical care and monitoring of patients.

About Prologue

Prologue is an international group that creates solutions and provides services (in SaaS, PaaS and IaaS modes) for companies and institutions in the following fields:

- operation and integration of telecommunications, VoIP telephony and Cloud Computing services,
- online execution of transactions and information exchange (EDI, tax invoicing, bank operations, administrative operations, health, taxes etc.),
- management of messages and converging multimedia communications (voice, SMS, fax, e-mail, images, videos etc.) and incorporation into IT applications,
- innovative technology connected to Cloud Computing, operating systems and access to applications from all kinds of fixed or mobile devices,
- integration and development of applications and development of platform publishing.

With a presence in France, Spain, Poland, the USA and Latin America, the Group currently employs 220 staff and deals with all sectors of activity. The Group's technology is used by prominent companies in France and abroad such as: Generali, Société Générale, Orange, SFR, LVMH, Vilmorin, Immobilière 3F, MASSA Autopneu, J.C. Decaux, Facom, Telefonica, REALE Assurances, Toyota, Adecco, TINSa, Inter-parfums, NEXITY, Jones Lang Lasalle, AENA, ATOS, EMC, Blédina, Siemens, Liebherr Aerospace, Eurocopter, Kone, Uponor, Cadyssa / Bodybel.

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About Institut Mines-Télécom www.mines-telecom.fr

Institut Mines-Télécom is a public establishment dedicated to higher education, research and innovation in the engineering and digital fields. It is made up of 10 Mines and Télécom "grandes écoles", under the aegis of the Minister for Productivity.

There are 2 subsidiary schools and 2 strategic partners and a network of 11 partner schools.

Institut Mines-Télécom is nationally and internationally renowned for the high standard of its courses for engineers, managers and PhD students, and its research and innovation activities.

Institut Mines-Télécom is a member of the Allistene, Aviesan and Athena national alliances for research planning. It maintains close relationships with the business world and has two Instituts Carnot. Every year, some one hundred start-up businesses are born.

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A propos de Télécom SudParis

Télécom SudParis is a well-known public engineering graduate school at cutting edge of digital technology. The quality of its training is grounded in the scientific excellence of its body of professional staff and as well as its teaching method focused on project management, innovation and inter-cultural openness. Télécom SudParis is part of Institut Mines-Télécom, the top group of engineering schools in France, under the aegis of the Ministry for Industry. The school is a founding member of Université Paris-Saclay. It shares an international campus international with Télécom École de Management. Télécom SudParis has 1,000 students consisting of 700 engineering students and nearly 200 PHD students. www.telecom-sudparis.eu