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CA Technologies to Partner on Collaborative Robotics Research

Research to Explore the Challenges of Building Safe, Secure and Effective Human-to-Robot Workflows

NEW YORK--(BUSINESS WIRE)-- CA Technologies (NASDAQ:CA) today announced that it will partner on Cobotics - a collaborative robotics project - working alongside Tampere University of Technology and Tieto in Finland.

The Cobotics collaboration project will explore the challenges of building safe, secure and effective Human-to-Robot workflows. Ensuring proper control and execution of these "cobot" workflows and understanding their information requirements is central to maximizing the potential of robot-human collaboration.

"Robotics has reached a stage where the value that robots provide can be significantly amplified by enabling them to truly collaborate with humans. Developing the right models and algorithms for that collaboration, while paying careful attention to safety and cybersecurity will define the next phase in the robotics field. CA has the experience and our researchers have the deep technical expertise that can help inform this evolution," said Otto Berkes, executive vice president and chief technology officer, CA Technologies.

The project has jointly been funded by Tekes, the Finnish Funding Agency for Innovation, Finland's Tampere University of Technology, Finnish IT software and service company Tieto, and CA Technologies.

"We believe that collaborative robotics is the fastest growing area in the domain of robotics and we believe that our expertise in communications, policy management, security and visualization will enhance the project," says Berkes.

The first phase of the project is predicted to conclude at the end of December 2018. CA Strategic Research innovates from the ground up through scientific research and discovery and partnerships with global governments, renowned academic institutions, and industry consortia.

"Engaging in truly international collaboration with reputed companies, such as CA Technologies and Tieto in the field of cobotics is very exciting for us in Tampere University of Technology. It defines the essence of National Science Foundation Industry University Collaboration with international competence. The TEKES and NSF funded Center of Visual and Decision Informatics (CVDI) is proud to host such a project," says NSF CVDI Finland Site Director, Professor Moncef Gabbouj, Tampere University of Technology.

"Collaborative robotics are seen as a relatively new area within information technology. The NSF CVDI Cobotics is a project where research and development of next generation technologies in augmented intelligence, artificial intelligence, data science, machine learning including visual analytics and other disruptive technologies enable and enhance development in well-being, happiness and productivity at work. For several years we have been collaborating in research with Tampere University of Technology and warmly welcome CA Technologies into our research ecosystem," concludes Matti Vakkuri, Head of Technology, IoT, at Tieto Corporation.

About CA Technologies

CA Technologies (NASDAQ:CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business in every industry. From planning, to development, to management and security, CA is working with companies worldwide to change the way we live, transact, and communicate - across mobile, private and public cloud, distributed and mainframe environments. Learn more at www.ca.com.

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