

Arcure continues its international expansion by equipping the WestConnex Motorway, mega-construction site in Sydney

Specializing in artificial intelligence (AI) applied to image processing in the industrial world, Arcure has been selected by the consortium Lendlease Samsung Bouygues Joint Venture (LSBJV) to equip machines working on the WestConnex M4-M5 Link project in Sydney with Blaxtair®, the reference solution for pedestrian protection around industrial vehicles.

« WestConnex is one of the largest road infrastructure projects in Australia. Having equipped industrial sites in the Greater Paris area and also supplied Blaxtair® pedestrian detection systems for mobile plant on parts of the London underground expansion project, we are proud to work on the safety element of this huge undertaking. This new collaboration on an infrastructure operation of this size testifies to the relevance of the Blaxtair® solution and has spurred us to actively seek further international projects and opportunities », **Franck Gayraud, CEO and co-founder of Arcure.**

Blaxtair® is the result of a collaboration between Arcure and the CEA's (*note to editors: in France, the CEA is the Alternative Energies and Atomic Energy Commission*) research laboratories and is considered the industry-leading, embedded detection system. This innovative 3D camera detects obstacles around mobile plant and/or materials handling equipment. Thanks to AI, Blaxtair® differentiates between pedestrians in the designated detection zone and objects/obstacles, thus helping to avoid pedestrian collisions. Its unique technology will warn a driver in case of danger, avoiding unnecessary alarms and untimely stops. The adaptability and responsiveness offered by the Blaxtair® system allows mobile plant to be used with minimal risk to pedestrians on industrial sites with the most demanding operating conditions. Arcure will initially equip nearly 80 vehicles on site with the Blaxtair® system.

The M4 and M5 links of the WestConnex project consist of two 7.5-kilometer long four-lane tunnels connecting the M4 to the new M5. The tunnels are part of a 33-kilometer WestConnex motorway program designed to make life easier for the 5.25 million people in Sydney, Australia's most populous city. The Lendlease Samsung Bouygues Joint Venture Consortium (LSBJV), consisting of Lendlease Engineering, Samsung C&T Corporation and Bouygues Construction Australia (a subsidiary of Bouygues Construction), began work in late 2018 and is expected to complete in 2023.

Distribution partnership

For this implementation in the WestConnex project, Arcure is working with UPG, its new distribution partner in Australia. UPG will sell and install the Blaxtair® systems and provide day-to-day field support. UPG is part of the Herga Group that has been active in the region for 130 years. It works with world-leading technology suppliers to provide its customers with solutions tailored to their needs in all areas: construction, mining, waste management... 170 employees work to build long-term business relationships based on values of excellence and integrity.

ARCURE

This partnership will allow Arcure to lay the groundwork for its development in the Australian market and facilitate the adoption of the Blaxtair® solution by end-users. This partnership strategy is a commercial policy which has proven highly effective for the group, replicating as it does its successful entry into the Japanese market in 2017. As part of its strategic roadmap, Arcure is currently developing partnerships with large distributor networks, particularly in Europe and the United States, a market in which the company has already seen encouraging signs of growth, since establishing its North American operation, in the first half of 2019.

About Arcure

Founded in 2009, Arcure is a high-tech company, specializing in artificial intelligence applied to image processing in the industrial world. It develops and markets solutions to strengthen the autonomy and safety of industrial machines and robots.

In collaboration with CEA's research teams, Arcure has developed Blaxtair®, a state-of-the-art intelligent pedestrian detection solution. Blaxtair® significantly enhances pedestrian safety around mobile plant and materials handling equipment, especially in the most demanding and difficult operating environments. With over 6000 units already sold in more than 30 countries, Blaxtair® is used by global industry leaders and is incorporated into the manufacturing process of a number of OEMs.

More recently, Arcure has expanded its offering with Omega, a 3D vision sensor based on Blaxtair® technology exclusively for manufacturers and integrators of intelligent systems for Industry 4.0.

Arcure, quoted on the Euronext Growth market (ISIN: FR0013398997 - Mnémo: ALCUR) achieved a turnover of € 7.4m in 2018 (54% internationally), a growth of nearly 50%.
