

The „clear vision“ in harsh weather condition

Webasto and Actasys teamed up to enable a clear line of sight for vision sensors at all times, in harsh weather conditions

THE CHALLENGE

To ensure road safety, total sensor visibility is crucial. Sensor visibility is required to ensure operability for the system, to ensure sensors work in alignment and to generate data that can be trusted. Harsh environmental conditions are affecting vision sensor functionality. Obstructions refer to dust, rain, snow, fog, mud, ice and more.

THE SOLUTION

Actasys's portfolio of solutions facilitates safeguarding vision sensor functionality, under even the harshest conditions. Primarily actuators evaluate performance and correct functional impairment through responsive cleaning and/or cooling applications. This enables reporting sensor functionality in real-time.

IMPACT

Actasys's products are designed to be energy-efficient and integration-friendly. Working within existing architectures, rather than against them, led to accelerating production timelines. Furthermore, the available data is made accessible to foster the optimization of designs, operations, and maintenance processes of various stakeholders.

ACTASYS

Actasys's products, with its proprietary air-jet technology at their core, are maintaining sensor visibility in real-time by applying cleaning and cooling measures on-demand, in response to environmental conditions.

Actasys is primarily targeting customers in the automotive, edge Computing, and smart city industries. Their focus is on applications in business areas such as manufacturing, maintenance, and product design.



HEADQUARTERS

United States, Brooklyn

FOUNDED

2014

NO. OF EMPLOYEES

11 – 50

WEBSITE

actasysinc.com

ACKNOWLEDGEMENTS

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CONTACT FOR THIS PROJECT

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STARTUP AUTOBAHN powered by

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ABOUT STARTUP AUTOBAHN

STARTUP AUTOBAHN powered by Plug and Play is an open innovation platform that provides an interface between innovative tech companies and industry-leading corporations. The basis of the program is the partnership that develops between startups and the corporate business units. The two entities hold an equal footing from the get-go: together they evaluate the potential for a joint venture, move forward to pilot the technology, and work to achieve the ultimate goal – a successful production-ready implementation. Designed with the intention to exceed startup acceleration, STARTUP AUTOBAHN powered by Plug and Play moderates a community for collaboration with a focus on implementable results. Over the years, the platform has successfully cultivated over 400 projects with more than 300 startups since its founding in 2016.