

3D Vision Company TYZX Works With I.M.A. to Develop Driver Assistance Systems for Automobiles

MENLO PARK, Calif., Sept. 19, 2006 – Tyzx, Inc., the 3D vision company, today announced that video recording company, I.M.A. GmbH, is using Tyzx 3D vision technology to develop a validation system for driver assistance components currently under test by global automaker BMW Group.

Tyzx, building on more than 15 years of research at Harvard, Interval Research, MIT, and Stanford, has developed a platform of hardware, software and services for building affordable products that see and interact with the world in three dimensions. Tyzx delivers high volume, cost-effective 3D vision solutions to industry leaders in automotive, consumer electronics, robotics and security markets.

I.M.A. GmbH, based in Rottbach, Germany, specializes in digital video recording and playback systems for medical, automotive and other industries. I.M.A. is working cooperatively with the BMW Group to adapt its DART video technology for real time 3D environment data recording, which detects, for example, lane markers, vehicle position, traffic signs and weather conditions in real time and records relevant data to validate driver assistance components .

Now, I.M.A. has created a driver assistance validation kit using its DART technology integrated with Tyzx stereo vision real-time image processing. This is being used by the BMW Group to validate and further improve the current product.

“The Tyzx stereo camera system represents an improvement on the radar/one camera technology because it generates additional data, has more accurate real time distance measurement, can input more visual information, is in color, and can therefore operate better under changing light conditions,” says Roland Schmidt, CEO, I.M.A. “With radar, you can see the world as a bat sees, but with Tyzx 3D vision technology, you can see the world as a human sees.”

Industry experts believe that vehicles with 3D vision safety features can help better protect drivers and passengers in collisions, help cars avoid accidents, keep vehicles in appropriate road lanes, and prevent many accidental backup injuries and fatalities, among other benefits.

“Automotive application of this technology promises to be one of the first very high volume applications of stereo vision technology in the marketplace,” said Ron Buck, CEO of Tyzx . “If you can make it work well in an automobile, then you can make it work well in a dozen other environments without a great deal of difficulty.”

About I.M.A., GmbH

I.M.A. GmbH founded in 1991 and based near Munich (Bavaria) is providing hard-

and software for digital real time video- and data recording. The DART family supports a wide range of applications from medical documentation to industrial quality assurance. For more information contact Roland.Schmidt@ima-gmbh.com

DART is a registered trademark of I.M.A. GmbH. All other brands and products referenced herein are acknowledged to be trademarks or registered trademarks of their respective holders.

About Tyzx, Inc.

Tyzx is a 3D vision company providing a platform of hardware, software and services for building products that see and interact with the world in three dimensions. Tyzx delivers high volume, cost-effective 3D vision solutions to industry leaders in automotive, consumer electronics, robotics and security markets. Founded in 2002 and based in Menlo Park, Calif., Tyzx is privately funded. For more information, visit www.tyzx.com

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