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Press Release

Hannover Messe 2022: CoreAVI To Exhibit in Hall 6, Booth G70

Functionally Safe Solutions for Industrial Environments

Tampa (USA), March 22, 2022 – CoreAVI, US-based developer of functionally safe software stacks, has announced it is exhibiting its safe GPU acceleration products for automotive and industrial environments at Hannover Messe 2022 (May 30 – June 2 in Hannover, Germany) – in hall 6, booth G70.

CoreAVI will be showcasing a variety of industrial and automotive demos running their open standards-based VkCore[®] SC Vulkan[®] functionally safe GPU acceleration driver. They will also display their ComputeCore[™] math libraries for safety critical environments. The demos, including technology from key industry partners, provide solutions to real-world problems across all industrial and automotive market segments.

CoreAVI provides IEC 61508 and ISO 26262 certifiable GPU acceleration solutions for complex (autonomous) systems in development for all industrial and automotive markets. With their integrated solutions and broad ecosystem of partners, CoreAVI aims to provide their customers with solutions that are scalable, de-risked, lower in cost, and have an accelerated time to market.

Demos at CoreAVI's booth, among others:

- NXP's i.MX 8 running CoreAVI's VkCore SC Vulkan-based graphics and compute driver with VkCoreGL[®] SC2 OpenGL[®] SC2 libraries and displaying DiSTI's GLStudio[®] automotive cluster application.
- AMD's Ryzen[™] Embedded V2000 processor running CoreAVI's VkCore SC Vulkan-based graphics and compute driver with VkCoreGL SC2 OpenGL SC2 libraries and displaying Basemark's Automotive Test Suites (BATS) application.
- Intel's 11th Gen i7-1185GRE SoC running ComputeCore in a robotics demo, which is powering a Support Vector Machine (SVM) to enable safe human collaboration. ComputeCore makes use of the GPU that exists within the AMD V2000 to safely

accelerate the SVM.

“CoreAVI is looking forward to exhibiting at Hannover Messe for the first time,” said Neil Stroud, Vice President, Marketing and Business Development at CoreAVI. “We look forward to showcasing the latest in functionally safe solutions at this key show in Europe in the form of several demos. These will demonstrate not only the expertise of our solutions, but also our close collaboration with our partners.”

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About CoreAVI (www.coreavi.com):

CoreAVI is the global leader in architecting and delivering safety critical graphics and compute software drivers and libraries, embedded ‘system on chip’ and discrete graphics processor components, and certifiable platform hardware IP. CoreAVI’s comprehensive software suite enables development and deployment of complete safety critical solutions for automotive, industrial and aerospace applications requiring certification to the highest integrity levels coupled with full lifecycle support. CoreAVI’s solutions support both graphics and compute applications including safe autonomy, machine vision and AI in the automotive, unmanned vehicle and industrial IoT markets, as well as commercial and military avionics systems.

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