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Entry into Intelligent ADAS Recording with Graphics Card Power in BRICK2 SPC P1000

**Deggendorf, February 17, 2022 – b-plus expands open measurement technology platform BRICK with GPU add-on BRICK2 SPC P1000. It enables for the first time dedicated simultaneous recording of measurement data and their immediate analysis. This further module in the BRICK system complements an integrated NVIDIA® Quadro® P1000 graphics card while maintaining compactness.**

With its BRICK system, b-plus offers a high-performance measurement technology platform for recording, processing and analyzing measurement data from test drives for driver assistance systems and autonomous driving. With the GPU add-On BRICK2 SPC P1000 an extension is created, which for the first time allows to record additional raw sensor data and to process the data streams in parallel. The performance of the CPU is increased by the GPU while maintaining the same compact rack footprint.

"With the BRICK2 SPC P1000 we meet the increasing demand of our customers to record sensor data from test drives and to perform an immediate analysis of the data at the same time" explains Georg Vogl, Product Manager BRICK Family. "With the BRICK2 variant SPC P1000, we offer an entry-level platform for GPU accelerated sensor recording and analysis applications in a compact design."

The integrated NVIDIA® Quadro® P1000 ideally complements the CPU for parallel processing. It handles analysis tasks using artificial neural networks or in-vehicle image processing tools, among others, on 640 CUDA cores with 4 GB of GDDR5 RAM. With a logging speed of up to 24 Gbit/s, the platform can store 64 TB in combination with the BRICK2 STORAGE add-on. The platform is ready for next-generation sensor technology, handling e.g., 6 cameras with 8-megapixel resolution.

The BRICK2 SPC P1000 is compatible with the additional building blocks of the BRICK family and can be integrated into software packages, AVETO components and third-party systems thanks to the open platform concept. Depending on customer and project requirements, an optimal test setup can be assembled to intelligently select and analyze driving data during the test drive (Intelligent Recording).

The first devices are available for sampling as of now. For more information on the expansion and the BRICK system modules, please visit the [BRICK product page](https://www.b-plus.com/en/products-and-services/vehicle-data-harvesting/data-recording-platforms/brick2-spc-p1000?mtm_campaign=2111_Smart%20Recording&mtm_medium=PM).

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About b-plus GmbH:

The b-plus Group is with more than 240 employees an international leading development partner for advancing technologies in the fields of autonomous driving, driver assistance systems and the automation of mobile machines. With its development tools, automotive software and mobile automation divisions, it offers its customers a wide range of measurement technology, software and hardware.

As a long-term partner, b-plus accompanies its customers from the identification of the problem to the implementation of the development solution and beyond. The teams at the Deggendorf, Regensburg and Lindau locations work hand in hand to provide comprehensive and holistic solutions.