

PCIe and USB data acquisition systems: The future measurement technology

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Category: [Industry, Real Estate & Construction](#)

Press release from: [BMC Messsysteme GmbH \(bmcm\)](#)



Maisach/MunichGermany. With a wide range of new data acquisition cards and measurement devices for the USB and PCIe interface, BMC Messsysteme GmbH (bmcm) presents PC data acquisition for the next PC generation.

Economic crisis as a chance: BMC Messsysteme GmbH, manufacturer for data acquisition and PC technology understands the present time as an important impulse for further development.

Products with latest technology are required to meet the future demands. Provide competitive and practical solutions as a real alternative for high-priced and complicated measurement equipment.

BMC Messsysteme GmbH faces these criteria by numerous new products, which will be released this fall - just in time for the Productronica 2009.

In internal PC data acquisition, a change can be observed: In the PCs of the new generation, a new interface is available called "PCI express" ("PCIe" for short) replacing the PCI interface in the long run.

As one of the first manufacturers, bmcm has therefore reacted by developing the PCIe-BASE, a modular DAQ card for stationary acquisition of measurement data.

Its key feature is modularity. Two slots on the PCIe-BASE can be equipped individually with measuring modules allowing the customer to decide about price and performance of his measurement system. New additional, analog and digital measuring modules provide for the optimum adjustment of the DAQ system to the specific measuring task.

In addition, bmcm puts great emphasis on its USB measurement systems featuring an excellent price-performance ratio. Due to Plug&Play - "Simply connect and get going!" - USB data acquisition systems are suitable especially for mobile applications. With the extremely low-priced USB-AD12f, a medium-class DAQ system, BMC Messsysteme GmbH completes the product range in this area.

Last but not least: The question of compatibility plays an important part in the product concept and bmcm has relieved the customer of this problem. The different product fields are adjusted to each other making for a perfect complement.

Therefore, for example, all new DAQ systems are supported by the updated version 4.4 of NextView 4, the software for data acquisition and analysis. Measurements can be started directly without any long training periods or programming efforts.

bmcm measurement technology as a promising alternative is presented on the website of BMC Messsysteme GmbH or directly at Productronica 2009 in Munich.

BMC Messsysteme GmbH (bmcm) at Productronica:
November 10-13, 2009
Hall A1
Stand 266

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*** About BMC Messsysteme GmbH (bmcm) ***

BMC Messsysteme GmbH was founded in 1994 as an independent corporation with headquarters in Maisach, app. 30 km west of Munich. bmcm is one of the only German companies that completely develops and produces in Germany. The products of data acquisition and PC technology from BMC Messsysteme GmbH stand for quality "made in Germany". A high value is set on keeping an excellent price/performance ratio. Since establishing a direct distribution in July 2006, customers have been able to profit from the advantage of direct contact to the manufacturer.

BMC Messsysteme GmbH serves the following business areas:

* Measuring components and PC measurement technology *

This comprises a wide range of connection systems, measuring amplifiers, data acquisition cards (internal and external), "ready-for-use" data acquisition systems, data loggers and the appropriate software for visualization, recording and analysis.

www.bmcm.de/us/prgr-products.html

* PC technology *

This area includes embedded PCs developed as complete solutions as well as single PC components often used in the automotive field.

www.bmcm.de/us/prgr-pc-tech.html

* D2M (Design to Manufacturing) and OEM products *

BMC Messsysteme GmbH develops and produces electronic components according to customer specifications.

www.bmcm.de/us/co-d2m.html

You will receive high-quality products manufactured already since the beginning of 2006 according to the RoHS directive. Of course, the corresponding documentation and CE test is always included.

A German documentation is obligatory for us, as well as an English description to be available to our international customers.

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[You can find this press release here](#)