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**PRESS RELEASE**

* **BBG Remote Maintenance Box: Secure, reliable remote maintenance via VPN - even in China**
* **Presentation at the 4th Innovation Day on 17 May at Mindelheim**

*Mindelheim/Germany, 23 April 2019.* With BBG's new Remote Maintenance Box, mold carrier systems can now be monitored and maintained safely, reliably and quickly from a distance. This innovation has been developed by the tool, machine and plant manufacturer together with Weidmüller Interface GmbH & Co. KG, Detmold/Germany. Thanks to the high-availability technology, a reliable connection to China via VPN is possible even through the Great China Firewall.

**Real-time support from the specialists at Mindelheim**

Many of BBG's globally active customers from the automotive supply industry have manufacturing plants in China. With the innovative Remote Maintenance Box, they can now be supported in real time by the specialists from Mindelheim in the event of PLC program changes or a malfunction. The Remote Maintenance Box facilitates immediate troubleshooting and direct assistance without the time-consuming and expensive journey of a technician, which significantly reduces downtimes. A large part of the setup or maintenance work on the control systems of the mold carrier systems can also be performed in this way.

If, despite remote deployment, an on-site service visit is necessary, this can be planned precisely and implemented quickly. The Remote Maintenance Box will be presented for the first time at BBG's 4th Innovation Day on 17 May at Mindelheim.

**Remote maintenance in pre-assembled complete kit**

BBG delivers the Remote Maintenance Box as a complete kit in a pre-assembled case, which will be installed on the mold carrier system by one of the customer's employees. The software includes Weidmüller's web-based u-link Remote Access while various Industrial Ethernet components are integrated on the hardware side. Even older mold carrier systems can be retrofitted in an uncomplicated manner.

**Secure and reliable VPN tunnel**

For remote maintenance, a connection is established from the mold carrier system via Weidmüller's u-link portal to the service PC in Mindelheim. The result is a fully encrypted, secure and reliable VPN tunnel. Customers can use LAN, WLAN or hotspots. This allows both controllers with Ethernet ports and older models with RS232/485 interfaces to be monitored. The extent to which customers allow data access to their systems can be determined by themselves.

**BBG’s customers are active the world over**

BBG GmbH & Co. KG, a manufacturer of molds, machinery and plants, is a renowned specialist for the plastics-processing industry. In addition to end-to-end production lines, BBG designs, develops and manufactures molds for processing polyurethane (PUR), PVC, TPE and other elastomers, as well as a wide range of composite materials. These include production processes such as PUR-CSM (PUR-Composite Spray Molding), LFI (Long Fiber Injection), RTM (Resin Transfer Molding), SMC (Sheet Molding Compound) or GMT (Glass Mat Reinforced Thermoplastic), which are used depending on the desired properties of the final products. The company also focuses on solutions for light-weight construction, the processing of composites and the production of fiber composite components in a large number of industries.

BBG, the family-owned business, which is located in Mindelheim/Allgäu and is run by Hans Brandner, supply their products to their customers all over the world, with the Asian market playing an important role in addition to the markets in Europe and North America. With a headcount of 170, BBG generated global sales to the tune of EUR 27 million in 2018.

**Photos:**

Ein Bild, das drinnen, Wand, Boden enthält.

Automatisch generierte Beschreibung

Photo 1:

Thanks to the new Remote Maintenance Box from BBG, mold carrier systems can now be maintained safely, reliably and quickly from a distance, thus reducing downtimes (Photo: BBG GmbH & Co. KG).

Ein Bild, das Person, drinnen, Gebäude, Mann enthält.

Automatisch generierte Beschreibung

Photo 2:

Sebastian Raßhofer, electrician at BBG, at the control cabinet of a mold carrier system featuring an installed Remote Maintenance Box.

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