News Release

To all members of the press

Japan Automatic Machine announces the launch of its fully automatic terminal crimping machine with IoT technology, developed in collaboration with Business Engineering Corporation. Demonstration will be held at INTERNEPCON Japan.

Japan Automatic Machine Co., Ltd. (headquartered in Ota-ku, Tokyo; Masafumi Mizuno, President; hereinafter "J.A.M.") and Business Engineering Corporation (headquartered in Chiyoda-ku, Tokyo; Masakazu Haneda, President; hereinafter "B-EN-G") announce that they will begin to offer J.A.M.'s fully automatic terminal crimping machine with B-EN-G's operation monitoring system from the end of January 2025. This product is a revolutionary solution that facilitates wire processing manufacturers to acquire and analyze equipment operation data, which can lead to improved productivity, such as predictive maintenance of equipment and optimal allocation of resources.

Demonstration of this solution will be held at J.A.M.'s booth at the 39th INTERNEPCON Japan, an electronics manufacturing and packaging technology exhibition scheduled to be held at Tokyo Big Sight for three days from January 22 (Wed.) to 24 (Fri.), 2025.

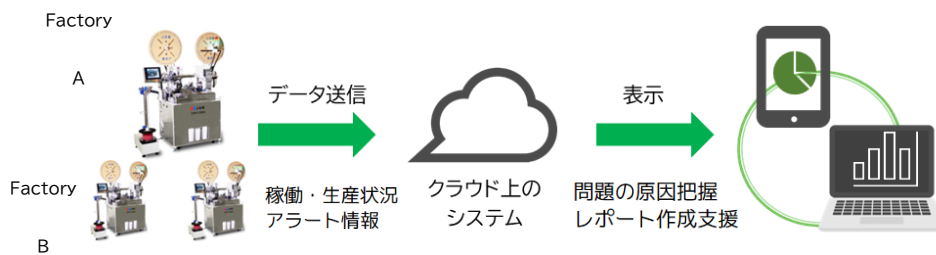Outline of the 39th INTERNEPCON JAPAN exhibition
Date: Wednesday, January 22 - Friday, January 24, 2025
Location: Tokyo Big Sight, East Hall 1, Booth No.: E7-42

■Overview of the "Operating Data Monitoring System" solution
Fully automatic terminal crimping machines equipped with the new "Operating Data Monitoring System" function use a built-in transmitter to record operating data on the cloud. By checking this data from a web browser on a PC or tablet, the system provides a mechanism for production line managers to grasp the operating status efficiently and quickly.
The system that retrieves the transmitted data and displays the analysis data on the browser is "mcframe SIGNAL CHAIN," an operation monitoring system developed by B-EN-G and marketed since 2014.

■Challenges facing the manufacturing industry and the value provided by this product

As manufacturing sites continue to face serious labor shortages, a single worker is increasingly managing multiple machines. Under these circumstances, there is a need for a system that enables an accurate grasp of the operating status of machines without the need to be near them all the time. In addition, conventional management methods do not make full use of machine operation data, making it difficult to create new innovations and improve efficiency.

To address these challenges, this product offers the following solutions.

- **Increased productivity**: Real-time operation data monitoring detects machine abnormalities and minimizes production stoppages due to breakdowns.
- **Improved work environment**: Eliminates the need for employees to be attached to machines and supports flexible work styles.
- **Contribute to sustainability**: Analyze operating data to reduce defects and environmental impact in terms of energy and resource waste.

By incorporating "mcframe SIGNAL CHAIN" into its fully automatic terminal crimping machines and providing them to its customers, J.A.M. will be able to use the various operating data accumulated to improve after-sales maintenance and other services. In addition, the company will provide long-term value by utilizing the data for future product development.

■About Japan Automatic Machine Co., Ltd.

Japan Automatic Machine Co., Ltd. is a company with precision processing technology accumulated since its establishment in 1932.

With the business concept of "MACHINES & CONNECTORS", The company is an advanced technology development company in electronic components, crimping machines, and precision machinery. Japan Automatic Machine Co., Ltd. have five production sites in Japan and three in overseas, China, Thailand, and India. The

company also have sales and service sites globally, seven in Japan as well as in China, Singapore, Malaysia, Thailand, India, Europe and U.S.

With a vision of becoming the best partner for our customers through "manufacturing" and "value creation" that exceeds expectations, the company is constantly taking on new challenges with our integrated system of development, production, sales, and maintenance, as well as our comprehensive capabilities that combine machine and connector technologies.

For more information about Japan Automatic Machine Co., please visit:

https://jam-net.co.jp/company/outline/

■Business Engineering Corporation

Business Engineering supports the digital transformation of clients in the manufacturing industry with IT, providing consulting and support services ranging from IT planning to system construction, implementation, and operation, and has an extensive track record in the sale and implementation of its proprietary "mcframe" software package. Business Engineering also assists in system upgrading and kaizen activities by utilizing data accumulated from core operational systems (ERP), supply chain (SCM), IoT, and other systems. The company have five overseas subsidiaries in China (Shanghai), Thailand (Bangkok), Singapore, Indonesia (Jakarta), and the U.S. (Chicago), and provides products and services to companies expanding overseas while working closely with them both in Japan and overseas to solve their business challenges.

For more information about Business Engineering Corporation, visit

https://www.b-en-g.co.jp/.

For more information on Business Engineering's mcframe SIGNAL CHAIN, please visit

https://www.mcframe.com/product/signalchain.

The names of companies and products mentioned herein are trademarks or registered trademarks of the respective companies.

For inquiries regarding this product, please contact:

Japan Automatic Machine Co.

Inquiry Form

https://jam-net.co.jp/jamform/