

meviy, an AI-based parts procurement platform

## meviy × iCAD Synergy Boosts Productivity for Equipment Design Specialist Abilica

- meviy x iCAD is increasingly deployed in the Factory Automation industry -

We are pleased to announce that meviy, an AI platform parts procurement (offered by MISUMI Group Inc.), has been deployed by Abilica Inc. (headquartered in Chiyoda-ku, Tokyo; hereinafter "Abilica"), that designs and manufactures production equipment. We will continue to provide time value to our global customers in the IA (Industrial Automation) industry through expanding our services and contribute to enhancing their productivity.



### ■ Challenges faced by Abilica and the background on deploying meviy

Since its founding in 1959, Abilica has provided expertise in the design and development of factory automation (FA) equipment worldwide. In addition to manufacturing equipment, the company covers a wide range of domains, including plant equipment, automotive, semiconductor, medical equipment, and elevators. Today, Abilica is also focusing on developing equipment in-house, taking on new initiatives such as developing an equipment to automate the process of decorating sake bottles for the Dassai sake brand.



Examples of equipment developed by Abilica:  
Automatic ribbon-tie tying machine for gift boxes



Automatic bottle decoration machine for  
sake bottles

At Abilica, improving productivity had become an urgent issue due to the diversifying needs caused by rapid technological innovation in the manufacturing industry. Although they began using 3D CAD in the design process to improve efficiency, they still had to create paper drawings for parts procurement, which took a lot of their time. In addition, they had to wait for a long time for suppliers to respond with quotes and produce parts, which was an obstacle to improving productivity. To address these issues, a department within Abilica has streamlined its design process using iCAD, known for its fast response times. They also implemented meviy, a system that integrates with iCAD and eliminates the hassle of getting quotes. Now they are even trying to procure parts in less time.

## ■ Benefits of deploying meviy in Abilica

### **1. From design to parts procurement, everything is done using only 3D data**

Getting quotes and procuring parts are now possible using only 3D data, eliminating the need for paper drawings. The total time from start of design to completion of parts procurement has been reduced by 20%.

### **2. Data integration with iCAD makes the quoting process seamless**

meviy allows data integration between meviy and iCAD. Users can easily manage the settings on meviy, including uploading iCAD native files and setting up the “hole attribute data transfer function<sup>\*1</sup>”, which reduces the amount of time required for the quoting process.

<sup>\*1</sup>. Hole attribute data transfer function: [https://jp.meviy.misumi-ec.com/info/ja/news/new-release/fa\\_new/32974/](https://jp.meviy.misumi-ec.com/info/ja/news/new-release/fa_new/32974/)

### **3. Now taking rush orders**

By using meviy and iCAD, Abilica can now collect parts within two weeks from the start of procurement, then assemble and deliver equipment to customers in three weeks. They can accept orders with short production lead times that were not possible with the traditional process.



By transferring the 3D data designed in iCAD, a designer receives a quote via meviy.

## ■ Comment by the Person in Charge at Abilica Inc.

Mr. Yuji Nishikoori, General Manager, FA Business Department 2, Abilica Inc.



"Now that we can get a quote based on 3D CAD data alone, we can save a lot of time by not having to create unnecessary 2D drawings. My impression is that the total time from the start of the design process to the completion of parts procurement has been reduced by about 20%. The impact should be even greater for a large number of parts."

Mr. Keisuke Yoshie, Chief Engineer, FA Business Department 2, Abilica Inc.



"Getting parts from meviy is definitely faster than any other supplier. By using meviy and iCAD, we can now deliver our equipment to customers in three weeks, which would have been impossible with the traditional method. One customer was surprised and said, "You really did it! - A great success story that we were able to overcome a difficult situation thanks to meviy."

### ▼ Click here to view a customer case study

Abilica Inc. creates time with iCAD and meviy!

30% or more reduction in manufacturing lead time (video included)

[https://jp.meviy.misumi-ec.com/info/ja/case/user\\_case/43278/](https://jp.meviy.misumi-ec.com/info/ja/case/user_case/43278/)

## ■ About meviy

With meviy, customers simply upload a 3D CAD model of a mechanical component, the AI automatically provides an instant quote, and our digital manufacturing system enables an order to be shipped in as little as one day.

meviy is a platform that eliminates perceived inefficiencies in parts procurement by reducing the time customers traditionally spend procuring mechanical components by more than 90%.

meviy received the Prime Minister's Prize at the Ninth Monodzukuri Nippon Grand Awards, achieved the No. 1 market share in Japan for three consecutive years, and is highly regarded for its contributions to improving productivity in the manufacturing industry. For our global customers, the range of services on each meviy website is expanding. meviy delivers "time value" to customers worldwide through digital transformation in component procurement.

meviy website <https://meviy.misumi-ec.com/>

Customer testimonials [https://jp.meviy.misumi-ec.com/info/ja/archives/category/case/user\\_case/](https://jp.meviy.misumi-ec.com/info/ja/archives/category/case/user_case/)



## Through Manufacturing DX, Generate customer's "Time value."



### ■ About MISUMI

MISUMI sells mechanical components required on-site for factory automation, as well as tools, consumables, and other products to more than 318,000 companies (as of March 2024) worldwide. We wear two hats: a manufacturer with manufacturing functions and a distributor of other company's branded products.

With this unique business model, supported by a solid business foundation, MISUMI achieves "globally reliable on-time delivery" for greater customer convenience.

**【For inquiries regarding this press release】**

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