



Bravilor Bonamat Continues to Innovate with InnoCielo Meridian Enterprise



Customer Story



Customer Profile

Bravilor Bonamat is a world-renowned concern producing beverage equipment with a focus on coffee and tea machines.

Industry

Manufacturing

BlueCielo Solution

InnoCielo Meridian Enterprise

Application Environment

- SolidWorks
- AutoCAD
- Mapics ERP System

Key Advantages

- Advanced Support for SolidWorks 3D CAD
- Tight integration with Mapics ERP system
- Secure, enterprise access to all documents
- User-friendly
- Highly adaptable

Customer Overview

Inaugurated in 1948 by AJM Verheijen as a wholesaler in equipment for hotels, restaurants, hospitals and canteens, Bravilor Bonamat has developed into a world-renowned concern producing beverage equipment with a focus on coffee and tea machines.

From its beginnings in the wholesale trade, the company turned entirely to the manufacturing of professional coffee and tea machines in the 70s, with a change to indirect distribution via a network of sales agents and offices. Bravilor Bonamat has offices across Europe with a staff of 250 people. Approximately 100,000 quality products are produced and shipped worldwide each year.

Since 1948 the company is continuously investing in research and development. As a result it supplies state-of-the-art and tailor-made products. Bravilor Bonamat is Europe's market leader for the traditional filter coffee machines, which are well known for their reliability and durability. Besides the filter coffee machines, the company produces instant and fresh brew equipment, hot water machines and all kinds of accessories.

Every product meets the highest standards of quality, durability and usability. The company is awarded with all the main national and international quality hallmarks. Bravilor has been an ISO 9001 company since 1991.

Bravilor Bonamat's Automation History

In 1986, Bravilor Bonamat implemented an Enterprise Resource Planning (ERP) system. A year later, AutoCAD was introduced as the company's CAD system. From the start, the company knew that proper document management was crucial for utilizing CAD to its full potential. The initial document management system was done with simple DOS batch files. But as new technology became available, Bravilor Bonamat strengthened their internal automation. By 2002, Bravilor Bonamat's ERP system Mapics had become the backbone of their internal automation that was tightly integrated with their document management and CAD systems.

A New Content Management System

Three years ago, new production techniques required Bravilor Bonamat to change from 2D to 3D CAD design. SolidWorks was chosen as the new 3D CAD system to complement AutoCAD. Motiva was at the time the company's primary document management system. However, the solution did not support SolidWorks, which forced the company to look for a new one.

Bravilor Bonamat considered a number of new packages and concluded that InnoCielo Meridian Enterprise (formerly AutoManager Meridian) was the perfect fit. It supplied all the required content management functionality at a reasonable price.

Established partner of BlueCielo ECM Solutions (formerly Cyco Software) Isah Engineering helped Bravilor Bonamat with the implementation of InnoCielo Meridian





Enterprise. They took care of the migration from Motiva to InnoCielo Meridian Enterprise and acted as a valuable partner during the implementation. "Although BlueCielo was not directly involved with the actual implementation of InnoCielo Meridian Enterprise, questions or issues raised by Isah Engineering where almost immediately answered by BlueCielo," according to Jan Ansing, application manager.

InnoCielo Meridian Enterprise at Bravilor Bonamat

InnoCielo Meridian Enterprise was first implemented in the research and development group of Bravilor Bonamat. Existing data and documents, Motiva legacy data and SolidWorks parts, drawings and assemblies were imported into InnoCielo Meridian Enterprise. Project-related documents ranging from planning documents to digital recipes for coffee machines were also to be managed in the new solution.

"The ease of use and user interface is fantastic! I am very enthusiastic about the program," says Eric van Eijnatten, senior product engineer and daily user of InnoCielo Meridian Enterprise.

Although only two departments actively store documents in InnoCielo Meridian Enterprise, all other departments including Sales, Procurement and Production have access to the information for their own purposes.

For example, the production department uses a system called Ideal Shop Packet to automate production orders and save a considerable amount of time. A production leader starts the Ideal Shop Packet interface and selects on his screen a production order. With a single click of a mouse, he initiates the creation of a brand new production order. The system automatically retrieves all relevant information of that order from the ERP system. Then with the information from the ERP system all relevant documents are obtained from InnoCielo Meridian Enterprise. Less than five minutes later the Ideal Shop Packet, which consists of all required documentation and drawings for the production order, can be picked up from the printer and handed to the appropriate engineer for production. A job that used to take four hours is now done in five minutes thanks to the seamless integration of ERP, CAD and InnoCielo Meridian Enterprise.

Another great example of Bravilor Bonamat's use of InnoCielo Meridian Enterprise is how machine chips are now programmed within seconds. A barcode sticker encoded with all the required characteristics of the machine is attached to the product during production. When it is time to replace the electronics, including the control-chip, the barcode is scanned. The relevant information is retrieved from the ERP system and the required software and recipes are retrieved from InnoCielo Meridian Enterprise, where they are managed as if they were documents, and automatically downloaded onto the chip. Not only is this extremely efficient in production but it also simplifies the servicing of a machine.

InnoCielo Meridian Enterprise also speeds up the creation of numerically controlled (NC) cutting and welding programs. Data from both the Mapics ERP system and InnoCielo Meridian Enterprise is combined, and with a single click the stripped down drawing is brought on screen. This helps the numerical control programmer to generate a DXF program used to create the NC routine.

"Thanks to InnoCielo Meridian Enterprise's open architecture and flexible programming capabilities we have been able to build exactly the applications on top of InnoCielo Meridian Enterprise as we need them," according to Hans Rol, NC specialist and InnoCielo Meridian Enterprise programmer.

Bravilor Bonamat has more plans for InnoCielo Meridian Enterprise for the future. "Bravilor Bonamat finds more and more uses for the documents managed by InnoCielo Meridian Enterprise. One of the things we foresee is that we can grow towards a paperless production department." – Eric van Eijnatten, Senior Product Engineer, Bravilor Bonamat

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