

Hartmann Rico a.s. – IS SPEC 3D for plant in Chvalkovice

Unicorn Systems helped Hartmann Rico expand the information system for creating SPEC 3D production documents at the plant in Chvalkovice. Similar to the production in Veverská Bítýška, here too the application facilitates work both at the level of technical preparation of production and also during the actual production of sets for medical use.



Success story

One of the key goals of Hartmann Rico is the continuous improvement of production efficiency. In addition to the improvement of individual processes, a number of supporting applications and systems, including the SPEC 3D system developed by Unicorn, also help to achieve the goal. It was originally designed for the needs of one of the plants in Veverská Bítýška, but in principle the production process is similar in other plants. The application is therefore a suitable tool that will help unify the process of preparing production documents in individual locations.

The goal of the project was to implement partial modifications of the application reflecting the specifics of the composition and the different way of organizing the production of medical sets in Chvalkovice, plus its subsequent introduction to the plant. The experience from previous projects at Hartmann Rico was used during the implementation of the delivery. The development was divided into short iterations in order to continuously validate individual outputs and thus manage the expectations of key users. Thanks to this, it was possible to respond flexibly to individual requests for changes to the system's functionalities, and at the same time transparently manage the overall budget and partial project milestones. After all modifications were completed, the SPEC 3D system was integrated into other company systems and the first production specifications are already being created in it.

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The introduction of SPEC 3D primarily aims at the following benefits:


- More faithful and clearer display of produced sets – easier and more accurate preparation of sets
- Limitation of errors in production
- Making component changes easier – reducing manual work

Statement of the representative of Hartmann Rico a.s.

Lenka Balková, Head of Patterns Department: IS 3D SPEC allowed us to connect the internal database system to the specification creation system. This helped us to clarify and speed up activities related to the preparation of new products and their specification, modification of components and online transfer of data to production where they are displayed above the machines."

Bronislav Slovák, plant director: "The new system for displaying and preparing specifications fits into our concept of digitalization of processes and the principle of "paper-free plant". In production, instead of paper instructions and specifications, we display more or less realistic models of the products on screens online, which, in addition to transparency, also saves time when preparing and starting the production of individual orders."

In Chvalkovice on 26.6.2024

 **Bronislav Slovák, Plant Manager**
- Plant Chvalkovice, HARTMANN -
RICO a.s.



HARTMANN - RICO a.s. has been part of the multinational concern PAUL HARTMANN AG since 1991, when Rico Veverská Bitýška joined this German group.

HARTMANN - RICO a.s. comprises a team of more than 1,500 employees. Together, they constantly strive to offer their customers an ever slightly better solution. Whether it is hospitals, ambulances, homes for the elderly, home care agencies and other providers of health and social services, or ordinary consumers who rely on the HARTMANN brand for their daily health care or the health of their loved ones. The company's portfolio consists of a diverse range of health and hygiene products and services, combining an emphasis on innovation, ease of use and high efficiency.