



Ventilation units configurator



Project time frame

April 2016 – March 2017 (+further development)

Project stages

TARGET



Creating a tool that allows to customize air handling units

CONCEPT



Product configurator with the ability to generate 3D models

EXECUTION



Project implementation in 11 months and its further development

RESULT



An extensive system that allows creating individual designs of air handling units and presenting them in the form of 3D models

The client and its target

The client of EX50 was VBW Engineering, which has been operating in the air treatment industry for many years. It is the biggest Polish manufacturer of air conditioning equipment and room ventilation, and VBW products are tailored to individual customer needs.



The goal of the project was to create and implement a system to configure panels. The system allows for a flexible design and individual approach to each client as well as visualizing the design using 3D graphics.

Implementation

The system was powered by the EXSO-CORE

exso CORE

Moduł bazowy dostarczający podstawowe mechanizmy systemowe.

Modules used in the project:

✓ EXSO-COM

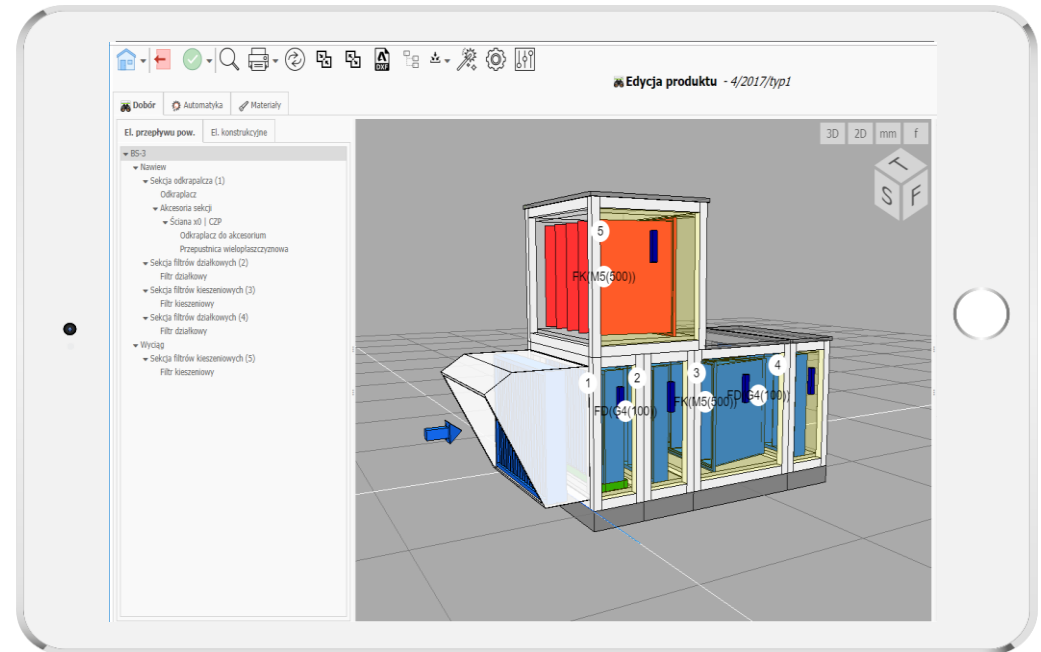
COM

✓ EXSO-BPO

BPO

✓ EXSO-SAL

SAL



Technologies:

Java, Tomcat, ZK, Jasper, MySQL

Solution

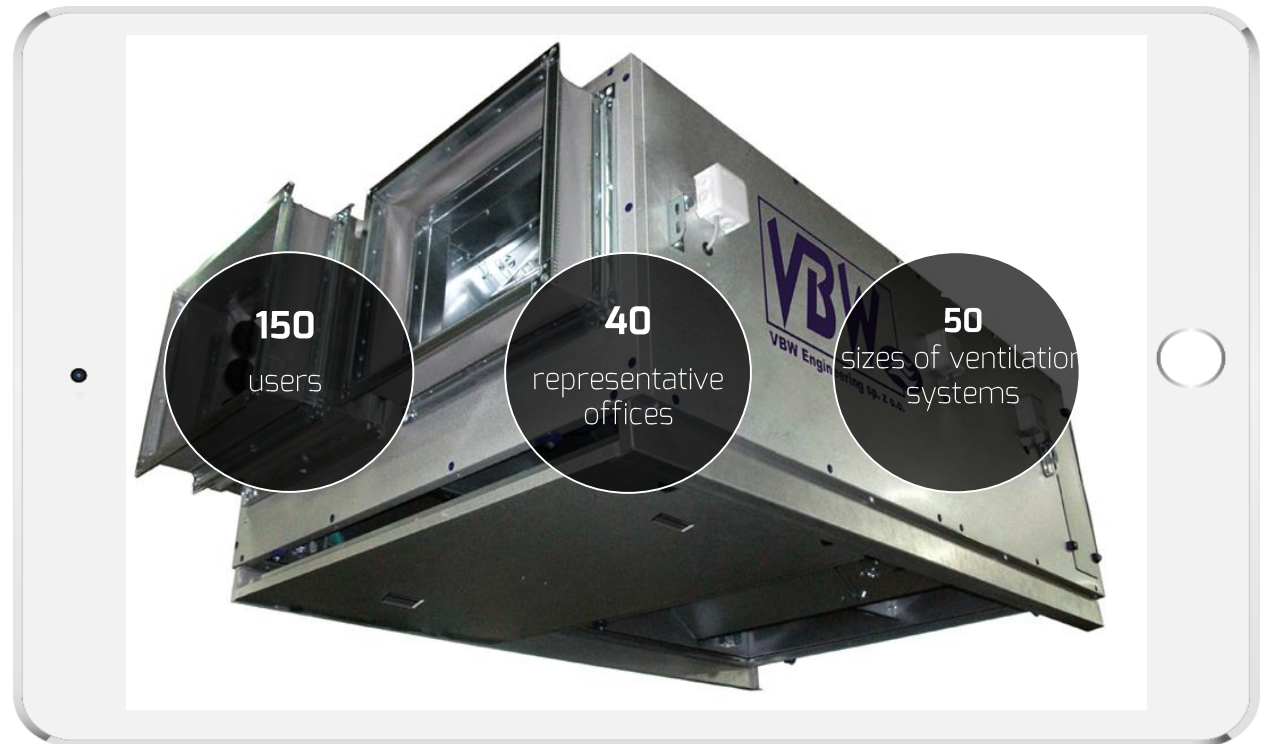
Due to the products matching strictly to the client's expectations, requirements and needs, his complete satisfaction is possible. This is why VBW has decided to implement a system that allows configuring ventilation units.

In addition, the system allows you to configure the ventilation units in such a way that each of them is correctly defined in terms of design. The unit's components are configured in such a way that the final product is possible to produce and follows certain logic. Each of the ventilation units and all its components that can be added at the client's request are presented in the system in the form of photos.



The project in numbers

The platform provides access to 150 users.
There are 40 representative offices in the system and it covers 50 sizes of ventilation systems



Benefits

Among all the benefits brought by implementation of the system at the client's facility, it is worth to mention **increasing sales efficiency** by **simplifying and accelerating** the creation of offers and **organizing** the control panel design process. In addition, the undoubted benefit is **flexibility** in the design, giving the opportunity to **co-create** the final product by presenting all available components.

