



PRESSRELEASE

Veccins3D wins “BIM of the Year” competition

Utrecht, 17. February 2011 - Veccins3D, profound user of DDS-CAD for more than five years, has recently won the “BIM of the year competition”, an annual event organized by TNO and Bouwend Nederland. The jury decided unanimously to crown the project ‘Deventrade’ submitted by Veccins3D as ‘The BIM model of 2011’. Bauke de Vries, chairman of the jury, said: “Veccins3D has a clear vision in which the process of cooperating is paramount. The efficiency with which Veccins3D is working with BIM is commendable”. Furthermore, the jury admired the close relationship between Data Design System, developer of DDS-CAD, and its user, Veccins3D.

The Dutch engineering consultancy company Veccins3D is not a newcomer to the BIM scene. The company was directly involved in the SL Plaza project, a worldwide renown project when it comes to multidisciplinary information exchange and intelligent 3D modeling based on OpenBIM. During that project Veccins3D closely cooperated with Data Design System (DDS) to assure successful deliveries. In the mean time Data Design System and Veccins3D have not been standing still, DDS’ flagship product DDS-CAD has further evolved into one of the most efficient and effective tools for designing building services in a BIM paradigm. As Frits van Enk, owner of Veccins3D indicates: “We approach every project from a process perspective, in which we clearly define deliverables for each phase. Data Design System shares exactly the same philosophy in approaching the BIM paradigm, making DDS-CAD the perfect tool for planning electric, automation, ventilation, sanitary, heating and cooling installations including the technical calculations on a single platform. The software directly supports our processes and allows our people to continuously benchmark deliverables assuring the delivery of the highest quality possible.”

The project submitted for the ‘BIM of the Year’ competition by Veccins3D is called ‘Deventrade’ and is a project initiated by the organization carrying the same name. Deventrade is a leader in sportswear and markets a variety of brands. They are convinced that BIM ultimately leads to fewer failures during the construction process and automatically lowers the cost of investment and exploitation. The complete ‘Deventrade’ project entails three building objects; an office tower, a warehouse and a design center. In total this project covers a gross area of over 21.000 m², of which the warehouse accounts for 13.500 m². Sustainability plays an important role in the ‘Deventrade’ project. The project contains a high yield Air Handling Unit (AHU), a bivalent Aquifer Thermal Energy Storage system (ATES) and a special Airconomy system.



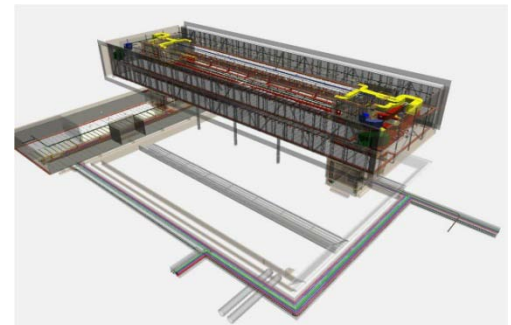
Frits van Enk (left), owner Veccins3D receives the award from Prof. dr. ir. Bauke de Vries, chairman of the jury.



The “Deventrade” project, covering a gross area of over 21.000 m². The project includes a 9 storie high office tower, a design center and a warehouse.



The design process took approximately three months, which started in October last year. The fully materialized model was handed over in January 2011. Veccins3D was responsible for managing this process and designing the technical installations. DDS-CAD was used to design the installations and perform preliminary calculations based on the architectural and structural IFC model designed in Revit. “DDS-CAD can easily exchange information between OpenBIM solutions like ArchiCAD and Tekla, however, this project once more indicates that exchanging information with Revit is perfectly feasible as well”, as pointed out by van Enk. The results of the initial calculations formed the basis for the design process and the results were automatically added to the model. “DDS-CAD’s integrated calculations allow us to continuously monitor the impact of each change or addition. If for example a structural change has been made to a room we can immediately check whether the heat load and ventilation requirements are still permissible in accordance to the initially defined performance criteria.” Veccins3D approaches the design process as a growth model, during which they add information to the model as soon as it is available. Van Enk adds: “in the initial phase we model the main components of the installations and use generic materials. The further we progress in the design process the more details we add. Our intention is to reuse existing information whenever possible and prevent manual data transfer to external applications which cause data redundancy. The BIM is our central repository to which we can add data but also extract data when required.” At this stage the BIM contains all the necessary installations, ranging from access control, audio visual, data and communication, lighting, fire and security to sprinkler, sky water drainage, sewerage and ventilation systems.



The BIM model of the design center, including all technical installations ranging from electrical, ventilation, heating, cooling and sanitary.

In total six projects were nominated. Interestingly, Veccins 3D was also involved within a couple of other nominated projects. The jury judged the nominees based on diverse criteria focusing on multiple aspects like organization, processes, competences, information management, richness of the BIM and the tools that had been applied. Veccins3D clearly illustrates that BIM is in fact something for the entire chain and not something that is confined within the boundaries of a single company. “The application of IFC as exchange format during the design process has proven to be very practical. It is clear that Veccins3D is working on a daily basis with BIM”, as mentioned by the jury. Van Enk was elated: “I am delighted with this award, an appreciation of what we have been doing in the past five years. This is a clear signal to the industry. I often hear that the engineering sector lags behind when it comes to BIM. This proves that our sector is also active in this area and that we are able to deliver high quality”.

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Veccins3D

Veccins3D is one of the first independent consulting firms that apply Building Information Modeling (BIM) for building services in the Netherlands. The combination of process management and professional drafting and design competences are the basis to deliver high quality services that meet the expectations of clients during each phase of the construction process.

Data Design System

For 25 years Data Design System has developed complete CAD solutions for the construction industry. With more than 13,000 users worldwide, Data Design System is one of Europe's leading construction software houses. Data Design System ASA has its headquarters in Stavanger, Norway. High standards of development and customer care are maintained by substantial investments in R&D and product support each year. The high level technical quality of the products and their various applications are the results of many years of practical construction experience and intensive international research and development work.

Based on a proprietary CAD Core, Data Design System offers modular, object-oriented solutions, which are adaptable to the needs of the users. Data Design System ASA has a subsidiary in Germany, Data Design System GmbH, and is listed under the symbol DDSY on the Norwegian OTC stock market.

For more information

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