VolkerWessels Bouw & Vastgoedontwik-keling implements innovative data ware-house solution TimeXtender

E-mergo, specialist in business intelligence and Discovery Hub® supplier, has implemented an innovative data warehouse solution at VolkerWessels Bouw & Vastgoedontwikkeling (BVGO). After E-mergo demonstrated the value of the Discovery Hub® during a Proof of Concept (POC), it was decided to deploy the software solution. The solution was fully operational within days.

TimeXtender Discovery Hub®

VolkerWessels BVGO previously worked with in-house developed ETLs to load data from Microsoft NAV (Navision 4PS Construct) into its data warehouse. The organisation was confronted with long development times and long resolution times when errors occurred. In addition to this it was difficult to guarantee the quality of the data as everything was programmed in the ETL. Last but not least, it was very consuming to connect new sources and new NAV versions to the data warehouse. All this was reason to investigate new, modern data warehouse solutions. BVGO embarked on a research journey that successfully ended when E-mergo presented TimeXtender's innovative data warehouse solution Discovery Hub®.

Proof of Concept with Discovery Hub®

Following the introduction of Discovery Hub®, E-mergo offered a Proof Of Concept (POC) that allowed E-mergo to prove the value of Discovery Hub® in a business environment, using BVGO's own data. Unlocking BVGO's multiple Microsoft NAV 4PS Construct versions in the
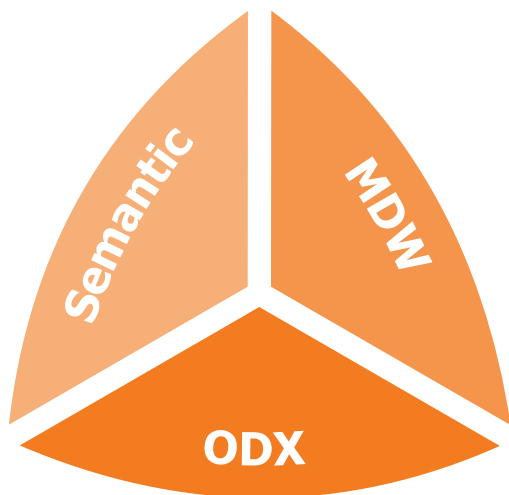
> Binnen enkele dagen waren meerdere versies van NAV 4PS Construct ontsloten met behulp van de innovatieve datawarehousing software.

Discovery Hub® was a great success. Within a few days, multiple versions of NAV 4PS Construct were unlocked using the innovative data management platform. Being able to handle the different NAV versions using TimeXtender's powerful NAV adapter saved a tremendous amount of time. Modelling instead of programming provides a much better overview of what happens in the processes. Changes due to the implementation of an additional version of NAV are now synchronized automatically.

TimeXtender's Discovery Hub® automatically writes scripts to load data into the data warehouse. This is done in a very smart way, whereby the execution of the script is continuously optimized with the help of Machine Learning. In addition, everything is automatically documented, which improves the quality of the documentation and saves time as previously this had to be done manually. The documentation also provides fantastic insights into data lineage, the transformation journey of the data over time, tracking the origin, movements, characteristics and quality. This improves the overall quality of the data warehouse.

Future Proof Solution

After the full deployment, working in different NAV versions will no longer cause headaches. And by automating the entire process with Discovery Hub® BVGO will save a lot of time, today and in the future. After all, traditional data warehouses are not automated and must be maintained with manual SSIS scripts: a costly, time consuming process that is prone to error, especially for larger companies with many data sources. So for BVGO- and other companies implementing Discovery Hub® it's actually a double win: datamanagement becomes more efficient, and the quality of datawarehouses will significantly improve as manual, repetitive processes become fully automated.

Solution Overview

Company
VolkerWessels Construction & Property Development

Industry
Construction

Challenge
VolkerWessels BVGO used ETLs to load data from Microsoft NAV (Navision 4PS Construct) into its data warehouse. The long development times and long resolution times if errors occurred were time consuming, it was complicated to new sources and new NAV versions to the data warehouse. In addition to this it became increasingly difficult to guarantee data quality.

Solution
TimeXtender's Discovery Hub® writes automated scripts to load all data into the data warehouse. Changes as a result of the implementation of an additional version of NAV are now automatically synchronized.

Advantages
- Modelling versus programming provides better insight in what happens in the processes.
- Automation of manual and repetitive processes results in enormous time and cost savings.
- Documentation is automatically generated.
- Continuous optimization thanks to machine learning.
- Automated scripts extract data from multiple Microsoft NAV environments.

TimeXtender partner
E-mergo
Elektronicaweg 16a
2628 XG
Delft
085 016 04 11
www.e-mergo.nl

About E-mergo

The name E-mergo is derived from the Latin proverb 'Luctor et emergo' (I struggle and emerge). In Zeeland this signifies winning the battle against water. Obviously, we do not battle water, but we do make sure that companies keep their heads above water in the growing stream of data. Working from the motto 'Manage your data, innovate your business' we help you to get the most out of your data.

We do this using software from Qlik, Microsoft, Mendix and TimeXtender, for which we provide software, training, consultancy and support. Together we will help your company to create new business models and to reduce costs.

www.e-mergo.nl

emergo

E-mergo BV
Elektronicaweg 16a
2628 XG Delft
085-0160411
E-mail: info@e-mergo.nl