BellandVision Regains Control Over Large Data Volumes with Jet Enterprise

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An innovative idea triggered the success story of BellandVision: offer initial distributors a sustainable, ecological, and economically viable collection and recycling system for used sales packaging.

As a modern service provider, BellandVision reliably fulfills the legal obligations of the German Packaging Ordinance, which stipulates that initial distributors (manufacturers, trade, importers) must license all sales packaging passed on to private consumers in a dual system, ensuring it is reclaimed and recycled in due and proper form.

Situated in Pegnitz, Germany, they are the second largest Dual System in the country that provides packaging licensing and disposal services. The company is a subsidiary of SUEZ Deutschland GmbH belonging to the SUEZ Environment group. The publicly traded French affiliate group has its presence in the water and waste industry worldwide.

BellandVision has been focusing on packaging licensing and disposal for industry and trade since 1999.

BellandVision
Zukunft braucht Recycling

Business Systemhaus AG

*"Jet Enterprise **guarantees flexibility** and quality because **you can integrate almost everything you can think about**, and you get an excellent comparison and great processing options."*

Helmut Huppmann
Head of Organization and Processing

The Challenge
Exponential data growth limits overall reporting and analytics capabilities to constrain company

BellandVision was growing rapidly, and along with the growth of their customer base came the growth of their data volume. As Helmut Huppmann, Head of Organization and Processing at BellandVision GmbH, remembers nostalgically, *"Back in the year 2004, our native Microsoft Dynamics NAV data bank was the size of 3.5 GB. Fast forward six years later, and it was at 35 GB- ten times bigger! Today we are at 350 GB."*

As the company expanded, they found they were unable to continue proper internal reporting and analysis due to the progressively larger volume of data.

Supporting around 4,500 customers with the reliable fulfillment of packaging policies, means handling an excessive amount of transactions every day.

Huppmann explains, *"A lot of data is merged into a complex circulation system of producers, retail chains, as well as disposal and sorting companies."* This requires data be properly included in an ERP system to precisely see what was disposed of, and to distribute money accordingly.

Initially, BellandVision implemented a SQL Server and Microsoft Dynamics NAV to handle the transactions and ongoing data growth, and for many years successfully used the Excel add-on within Jet Professional to manage and create reports from multiple data sources. However, the design of relational ERP systems limits fast input and optimal storage of data, and as data volumes increased, processing slowed down, and the company was challenged to run reports and analysis from a variety of sources in a timely and effective manner.

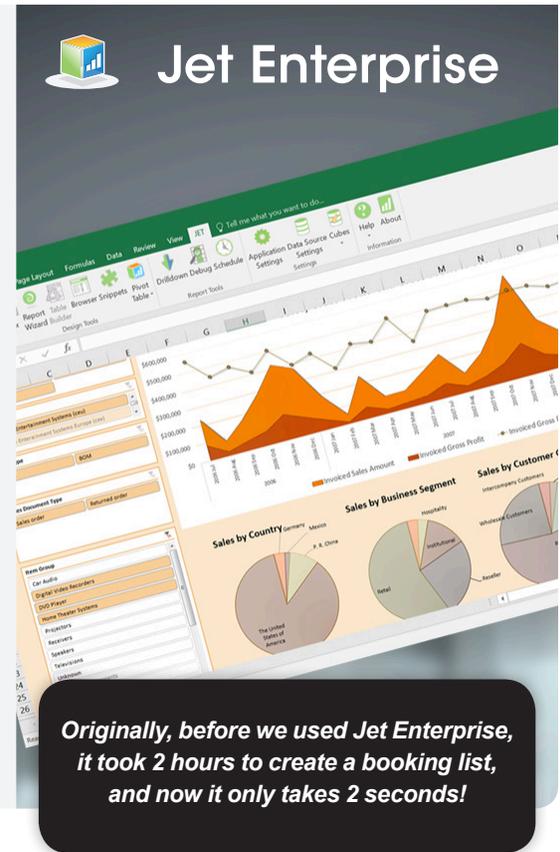## The Solution
Better BI through Data Warehousing

Huppamn explains, *"Approximately two years ago we reached the edge of our reporting needs. Together with IT partner Business Systemhaus AG (BSH) we started to build the BI platform BellandBI (BBI) to evaluate complex data stocks rapidly."*

At the core of BBI is the business intelligence (BI) solution, Jet Enterprise. With a complete BI and analytics platform, the company was able to handle the growth of their data with an increased quality of reporting.

Jet Enterprise Combines Data Sources

Michael Zettl, General Manager and BI Consultant at BSH, explains: *"The Data Warehouse is built using Jet Enterprise, which integrates seamlessly with Microsoft Dynamics NAV, leveraging that data and merging with other relevant data sources. By merging the data in a central location, one version of the truth is created – with this it becomes possible to automate BI analysis in the form of predefined reports, dashboards, and KPIs."*

Jet Enterprise offers predefined cubes, which can be modified according to the given conditions, as well as providing over 60 pre-built reports and dashboards. Thanks to the high grade of automatization, users can create report dashboards with minimal training, and without having to learn the underlying data structure.

Jet Enterprise

> *Originally, before we used Jet Enterprise, it took 2 hours to create a booking list, and now it only takes 2 seconds!*

The Results
Automated Analysis in 2 Seconds Instead of 2 Hours

"The merge and structuring of the data make it possible to save a lot of time during the analysis," states Huppmann. *"Originally, before we used Jet Enterprise, it took 2 hours to create a booking list, and now it only takes 2 seconds. Previously, when we created a new list, we needed to manually synchronize the list with the current data – an effort which is now done automatically within 2 minutes. It's really incredible!"*

Flexibility for All in Data Processing

"Jet Enterprise guarantees flexibility and quality because you can integrate almost everything you can think about, and you get an excellent comparison and great processing options," says Huppmann.

The data warehouse and cubes are combined with various front-end tools for reporting. Several user groups are served with through Jet Enterprise, Excel services, Power BI, and SharePoint. On one side, users with simple and recurring reports are mainly using Excel services and SharePoint. On the other side, departmental specialists are using Jet Professional. This allows them to manipulate the data and to self-explore certain relations (also known as Self-Service-BI).

For the CEO and executive team, the data processing takes place in the form of *"Management-Cockpits."* With the help of Jet Enterprise, Microsoft Power BI and SharePoint together, key data is merged into one control center. Huppmann compares this to an iceberg by describing, *"On the one side, the peak of the data iceberg is optically processed in the cockpit. On the other side, management gets a tool to visually clarify their questions and answer them fast and sufficiently."* As a bonus, the clear visualizations displayed by the cockpit are optimized for mobile access, which gives everyone access no matter where they are. The next step in the evolution of the BI solution for BellandVision will be to continue to extend their Management-Cockpit even further, with the capabilities of Jet Enterprise.