

Case Study: TDK Lambda

TDK-Lambda uses Infragistics UI controls to achieve innovative BI solution

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Katayose Naoki, Corporation Administrative HQ Manager at TDK Lambda



The Client

TDK Lambda Corporation is the fifth largest manufacturer on the world's power supply market and holds top shares in the electrical industrial equipment business. They have developed business solutions for Europe, America, Asia, China and Japan. Their highly productive and dependable power supplies are used in a wide variety of fields spanning from communications, Datacom equipment, medical equipment, measuring equipment, to railways, in-vehicle equipment and LED.

The Challenge

As rapid decision-making has become indispensable in order to prevail on the global market, TDK Lambda Corporation has been working from an early stage on the development and maintenance of BI (Business Intelligence) tools that provide visualization of production output, inventory and sales data.

But when BI tools were first introduced, they took a long time to get used to. Users had to personally make inquiries on how to work with them, which led to a poor utilization rate of the tools. The company was faced with the problem of not being able to effectively use accumulated data and connect it to further practices.

After a few trial-and-error sessions held to find a way out of this predicament, they chose to develop with Infragistics for the expressiveness and operability of their tools. Since then, TDK Lambda aspires to increase its utilization rate by setting it up on touch panel screens in offices and factories.

The Solution

The company adopted Infragistics' Data Visualizations for their ability to provide expressive visual appeal in order to decrease man-hours required for effective development. "We were convinced that line charts and pie charts were not enough, and realized the remarkable usefulness of the rich variety of charts that Infragistics boasts."

Infragistics' Data Visualization controls provided the following elements:

A diverse selection of charts, including line charts, bar charts, pie charts, and area charts, to present the company's inside information.

A content rotator, which catches the eye of the observer and presents various indices and graphs in a certain order.

Drill-down options that can be displayed upon touching each of the charts, which provides highly effective interaction.

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The Client's Benefit

By making use of Infragistics' Data Visualization components and not building such components from scratch, the company succeeded in reducing development costs.

TDK Lambda realized additional benefits by improving usability and awakening employees' interest through its innovative user-interface, and improved the previously problematic utilization rate of their BI tools. Furthermore, rapid decision-making in management became possible thanks to highly efficient data visualization. This resulted in greater interest from more employees in the company's inside information, which improved their overall services.

As for the future development of BI tools, the company is planning on broadening the communications functionality of the tools by incorporating a "social" function, through which company employees and users that have seen the data can interact through posting comments, sharing useful links, and making phone calls through the screen.

“We decided to adopt Infragistics' Data Visualization in order to provide the users with clear presentation and rich visualization of various kinds of business data”

Katayose Naoki, Corporation
Administrative HQ, Manager at
TDK Lambda



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