

【Application Notes】

Business Analysis System for a Franchise Operation

Problem and Solution

■ Current Operation

At a prominent restaurant-chain operating company, daily sales data collected from the POS systems of 400 restaurants is automatically stored in a data warehouse and analyzed by headquarters staff using a common OLAP tool.

■ Problem

The OLAP tool in use is unable compare current to previous month data, such as sales data per menu per restaurant. Thus the comparison must be done manually by first aggregating each target month's data and then copying it to an Excel spreadsheet. The data warehouse contains huge volumes of data; therefore, it can take up to two hours to aggregate data needed for reports. The sheer volume of data sometimes even causes the system to freeze during calculation. The end result is an unwieldy, slow, and inefficient report generation system.

■ Solution

With Lucida Insight™ it's easy to create an at-a-glance comparison sheet for previous and current month sales in advance, and then collect just the necessary data from the data warehouse during off hours for minimal system impact and maximum efficiency. This company is now using 20 different Lucida Insight™ spreadsheets for analyzing sales, all of which were created and deployed rapidly at low cost, taking just over 2 man-months from start to finish.

■ Result

With Lucida Insight™, the company was able to eliminate the slow database OLAP query and manual, Excel sheet creation steps, while empowering users to easily view the needed reports from anywhere, on any Web-enabled device. Report generation time is dramatically reduced, and users can easily add customized spreadsheets for new views of data never before available.

Solution to Improve Report Generation Time

- **2 tiered structure—Off-hours data collection and sheet display**

