



Case Study: Coca Cola Enterprises

Coca Cola Enterprises is the manufacturing and distribution arm of Coca Cola. Cloud Street worked with their distribution team at Edmonton, who operate 24 hours a day, seven days a week and handle 9,000 pallets a day.

Distribution Management System

Cloud Street worked with Coke CCE to develop a system to manage the movement of haulage lorries through the Edmonton site, and report on turnaround performance. The system included basic check-in screens for use by the site security team, detailed real-time load and performance information for use by shift scheduling managers, and large-screen displays showing to-the-minute performance statistics, placed on the shop floor and in management offices.

Processes supported by the system include:

- Upload of csv & text-based movement schedules to the database, including data validation and de-duplication
- Check-in of actual vehicle arrivals against arrival schedule
- Detailed display of movement schedule information, with user-friendly filter and search
- Visual overview of current loading-bay situation, with data-display matched to bay layout, colour coding to highlight vehicle status and click-by-click movement of vehicles through the workflow process
- Tracking of workflow issues
- Large screen display of by-the-minute and whole shift KPI performance
- Management reporting on various KPI performance measures

Cloud Street also provided interface and display design to align with Coca Cola branding.

The Distriview system has been in live use 24/7 since launch. Coca Cola plan to roll-out the Distriview system at more sites in the future.

Technology

Microsoft SQL Server 2008 database platform with a Microsoft Access 2007 user interface and Windows .NET application display.

Coca Cola Enterprises say

From the outset of our interaction with Cloud Street it was critical that they gained an in depth understanding of our operation and the aim of the improvement tool. Both of these requirements were achieved.

Cloud Street were also very responsive to initial system glitches and all our ongoing continuous improvement needs.

Danny Northwood, Coca Cola Enterprises Ltd

Screenshots

Access interface:

The screenshot displays the Cloud Street software interface for Coca-Cola Enterprises. It features a 'Movement Schedule' table with columns for Movement No., Type, Date, Time, and various status indicators. Below the table, there are sections for 'CURRENT MOVES' and 'OVERSIGHT VEHICLES'. A detailed movement form is shown, including fields for 'Movement Type', 'Vehicle No.', 'Driver', 'Destination Site', and 'Load Type'. The interface is designed for high-definition widescreen monitors.

Large screen display (designed for high-definition widescreen monitors):

The screenshot shows the Cloud Street software interface on a large screen display. It features a visual representation of truck movements, with trucks shown as icons moving along a path. The interface includes a 'Coca-Cola Enterprises' logo and a date/time display: 'Edmonton 15:30, Thu 01 Apr 2010'. At the bottom, there are performance indicators: '66 of 156', 'KPI 00:33:10', 'TODAY 00:32:55', and 'REQUIRED 00:32:48'.