



O-I is the leading glass packaging supplier in Asia Pacific with ten glass plants and two mould shops located in Australia, New Zealand, China and Indonesia

Overview

Customer Name

O-I Global

Industry Sector

Manufacturing

Location

Brisbane, Australia

Application

Staff communication and visual display of live production results.

Omnivex Solution

Omnivex Display 3
Content Assembly, Scheduling & Delivery

Omnivex DataPipe 3 Data & Instant Message Distribution

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Customer Overview

O-I creates pure packaging that enables superior health, visual appeal and value benefits. The people of O-I Asia Pacific deliver excellence in quality, service and innovation to ensure glass provides the perfect package to appeal to consumers and expand customer brands. O-I realised a better way was needed to display plant metrics to the team and therefore to make the plant more productive. Considerable research was undertaken to discover a way to take “data” directly from a database and present in a meaningful fashion on screens located throughout the plant. The important criteria was not to display numbers as simply a number – a visual way where numbers were shown charting or graphing in real time was an absolute must.



Scope

Production data and manufacturing results are contained in various databases and the challenge was to display this information in an easy to read format that was visible to relevant production personnel. If management were looking for current production ‘KPI’s’ such as usage, through rates, production uptime, downtime and usage of materials the information was available *somewhere*. To get this information out to people in time to make decisions was the biggest challenge.

Typically to fulfil the need to communicate information around the plant various spreadsheets were printed and taken around to management. The information was generally a few weeks old before this was done, with the information almost becoming irrelevant or obsolete.

O-I now use Omnivex to extract data from SQL databases and display in graphs and numbers showing trends and usage as an immediate view with team members able to make immediate decisions.



The production manager Gary comments *“overall this has been a very valuable tool for communication and team collaboration”*.

Omnivex Solution

Omnivex content management software provided O-I with the ability to show virtually any type of data concurrently on multiple displays without the need to convert files. Graphs comparing current production lines, usage, inputs and outputs and targets are shown in real time. O-I data was previously locked in databases with little or no access. Now production line data shows the maintenance crews what is happening on the line. Comparisons and decisions are made in real-time. Targets are set and measured.

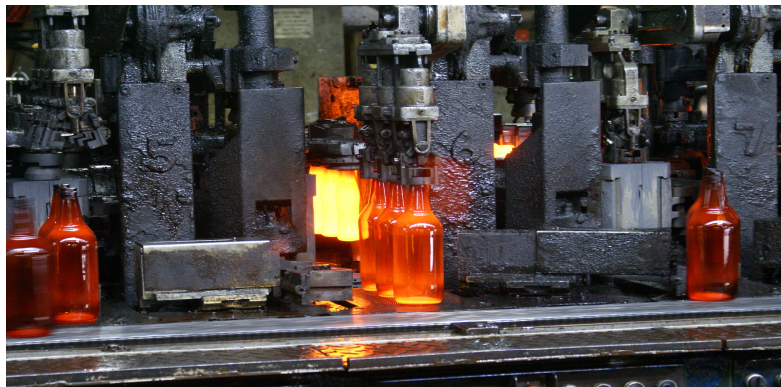
Other benefits gained are that safety targets are set and measured as well as Work Place Health & Safety information, for example lost days and downtime are now compared and measured for Quality Assurance reporting. Teams are more focused on the job at hand, with relevant data to make decisions.

O-I are looking to the future with plans for screens on each production line with more in depth comparisons and the ability for individual production lines to compare and measure results.

Results

O-I Brisbane plant has fulfilled the requirements of the new visual communications system. The digital signage system empowers employees with real-time access to the information they need to drive the business. The system allows management to focus on the key indicators and issues and make the appropriate business decisions.

Employees are benefiting from the system since they are much better informed. Previously information was printed and posted on bulletin boards, was easily missed and not always current. Also charts and graphs were old and irrelevant for decision making which is needed quickly. Overall the screens are noticed and have become an integral part of the production process with staff keeping abreast of things.



O-I Glass have expanded the Digital Signage system to their New Zealand plant, and have experienced similar results in improved productivity, better awareness and safety in and around the plant and better team engagement.

For all your Omnivex Digital Signage Solution requirements in Australia and New Zealand
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