



Issue 1
December 1999

news from the CROW'S-NEST

TallShips Solutions Quarterly Newsletter

latebreaking news

We are proud to announce that Consolidated Paper Industries (CPI) are the latest TallShips client to order our PowerHouse/WMS system. CPI supply paper to the graphics arts industry and is a leading independent merchant of fine papers in Australia and New Zealand. More about this as the installation unfolds.

PowerHouse at the new Freedom Furniture \$25million facility

The first phase of the PowerHouse/WMS installation at the new Freedom Furniture Kings Park distribution centre has now been completed for imports and homeware product lines. As a result this leading Australian lifestyle home furnishing retailer has achieved a 50% increase in service efficiency to their 60 concept furniture and homeware stores throughout Australia and New Zealand with minimal additional overheads. Purpose built by Freedom Furniture the 30,000 square



metre facility includes manufacturing of upholstered products, an extensive importing operation and distribution of home deliveries. It also has the potential to service the recently purchased Victorian based Guest Anderson business of high quality furnishings which Freedom Furniture will be expanding Australia wide.

the company's standard Enterprise Resource Planning system at head office in Lane Cove. The company anticipates the system will provide them with significant benefits though these can not be quantified at this early stage of implementation.

PowerHouse/WMS controls receiving, putaway, replenishment, picking and dispatch in the imports and homewares area of Freedom Furniture and is interfaced with

"PowerHouse/WMS is leading edge technology and we are confident that other benefits in the areas of accuracy and productivity will soon become apparent," said Mr Peter O'Regan, Freedom's Logistics & IT Director.

Freedom Furniture's new warehouse facility



Mobil[®]

Live

The PowerHouse/WMS installation at Mobil Australia's Yarraville warehousing facility has been completed. Fully commissioned in June 1999 Mobil experienced a few

control the movement of pallets through the conveyor system. An additional warehouse contains flammable Mobil products. As soon as Radio Frequency (RF) equipment has

been installed in this warehouse both facilities will be linked by Powerhouse/WMS. Mobil intend to eventually eliminate all paperwork by utilising RF

equipment from receiving products into the terminal to dispatch.

"We are no where near utilising the full potential of PowerHouse/WMS but we are pleased with what we see so far. We purposely chose a system that would continue operating effectively for many years to come. As our business plans unfold Mobil will be making use of all the system features available to us."

Currently Teklogix RF terminals are being mounted on forklifts and staff are completing training. Once this has all been finalised Ms Bakhoda anticipates quantifiable benefits that have a real affect on the business will quickly become apparent.

"We purposely chose a system that would continue operating effectively for many years to come"

glitches initially but the system is now operating very well according to Ms Mary Bakhoda, Project Manager, Lubes Operation at Mobil.

PowerHouse/WMS will operate at two warehouses at Mobil's Yarraville facility. The first is in the highrise warehouse containing combustible products. Ms Bakhoda said, "This is really the most exciting element of the installation because automatic cranes and conveyors are used here and it is impressive to see everything operating smoothly."

This warehouse is 12 pallets high by 48 pallets long and has 5 aisles with a total capacity of 5,700 pallets. The storage and retrieval cranes, and the associated conveyor system, interfaces to Powerhouse/WMS to receive crane tasks and to



New Approaches for Plant Information Integration

Integrated plant information systems have long been the Holy Grail for manufacturing organisations. Whilst the requirement for such systems has been established for some time many obstacles, technical and organisational, have prevented successful implementation.

The only software installed on these Desktops is a Web Browser

The expanding presence of PCs has created opportunities for more sophisticated use of plant information and new complexities associated with its access from these desktops. An emerging phenomenon is the replacement of islands of automation previously encompassing control systems by islands of applications in the form of spreadsheets and databases. These applications meet the requirements of the application creator but often lose efficacy once they become the responsibility of another individual.

Just as Toy Story's Buzz Lightyear brought radical change to Andy's bedroom, the World Wide Web in the plant intranet can change the way applications and process information is delivered to desktops, both inside and outside an

organisation. The web can bring all types of information, in numerous forms, to the information consumer's desktop and present it in the desired context. The support and manageability of this type of approach is simplified by the fact that the only software required on the desktop or laptop PC is the user's web browser of choice.

Web@aGlance provides the base infrastructure for implementing a new generation plant information system.

Users have access to dynamic data, such as raw material levels, that can change by the minute, by the second or by the hour. And, can combine that data with static information such as material specifications that change monthly or yearly.

Plant personnel have access to solve problems and can meet other information requirements not only from their desktop, but also remotely.

21st Century Plant Information Systems

TallShips are currently preparing a white paper on 21st Century Plant Information Systems which looks at how information can be made available within an enterprise. If you would like to receive a copy of this white paper please contact TallShips Solutions either via email on sales@tallships.com.au, via telephone (02) 9807 6077 or fax on (02) 9809 7070.

The Plant Information Intranet

A new solution that enables the rapid implementation of an intranet-based plant information system is being evaluated by TallShips Solutions. Built around Web@aGlance infrastructure, companies in the USA have been able to roll out context sensitive, web-based information systems rapidly. Stay tuned for more developments with this exciting new tool.

Linking your partners

One of TallShips' long standing customers is currently implementing an internet based solution to manage their raw material inventory. Stock levels will be shown on supplier-relevant pages enabling the supplier to monitor these levels and deliver new stocks as required. TallShips have assisted in the configuration and piloting of this solution.

OK Tedi

Site of the latest PI installation

A two week installation program saw data being transferred from the mill concentrator to a PI 3 Server and then to desktops in the mill and mine at OK Tedi. OK Tedi is the wettest copper mine in the world and is located in New Guinea. Fortunately the yearly rainfall of over 10 metres does not affect some things. The installation was completed on time and without a hitch.



SIGNIFICANT TALLSHIPS IN HISTORY

T H E E N D E A V O U R



The ship that took Captain James Cook on his first circumnavigation of the world for the Royal Navy in 1768-1771 began life as the EARL OF PEMBROKE but was renamed the ENDEAVOUR for Cook's voyage. Having brought all aboard safely back to English shores, she was sold in 1776 to a private owner who promptly renamed her the LORD SANDWICH.

She was soon in terrible shape! Being used as a storeship to carry supplies to the Falkland Islands took its toll. This did not stop the owner from offering the ship back to the Royal Navy as a charter to carry troops and supplies to North America but it was only after extensive repairs that the charter was accepted and the next chapter began.

LORD SANDWICH joined the transport service carrying German troops hired to assist the British in the rapidly developing revolutionary war. In December 1776 the British occupied Newport and the ship was used as a prison ship in Newport's Outer Harbour. Ships were used as prisons in many North America ports because they offered increased security and there was a lack of available buildings ashore. More than 60 Newport patriots were prisoners on board LORD SANDWICH in 1777 and 1778.

Following the signing of the French-American treaty in the spring of 1778, France sent a fleet to support American efforts. Their drafts however, were too deep to cross the bar at Sandy Hook so the French turned their attention to Newport, joining the American army in its plan to capture Rhode Island from the British.

In response, the British burned and sank a number of their own warships to avoid falling into enemy hands. They also sank the transports in Newport's Outer Harbour to protect the city by making it impossible for the French ships to come too close to shore. One of these was the LORD SANDWICH.

Historical data indicates that most of the transports were left where they had been sunk so there is a strong possibility that the ENDEAVOUR is still in Newport's Outer Harbour. The Australian Maritime Museum are convinced that the Endeavour is one of the remaining 12 vessels yet to be surveyed in the area.



TallShips
Solutions

55 Blaxland Road
Ryde, NSW 2112
Ph (02) 9807 6077 Fx (02) 9809 7070
Web site: www.tallships.com.au.
Email: sales@tallships.com.au