

Client:

> Oxford Cold Storage

Oxford Cold Storage (Oxford) is a family owned business that has been providing cold storage services to Australian manufacturers since 1975. Oxford is the largest Australian privately owned cold storage complex. Oxford offers racked storage for over 110,000 pallets at temperatures between +18°C & -29°C. The facility has the capacity to freeze 12,000 cartons and carcasses daily.



RADIO TERMINAL SYSTEMS

“RTS has a great knowledge of its products and product capabilities. We are a logistics company, with evolving product requirements. RTS has developed a great understanding of our business and our operational requirements.”

Paul Fleiszig,
Operations & Marketing Director,
Oxford Cold Storage.

Business Challenge

RTS has worked with Oxford since 1994. As one of RTS's larger users, Oxford utilise a large suite of RTS products and services. Oxford opened their Freezer 11 extension in August 2006. The expanded freezer now accommodates storage for 52,000 pallets under the one roof. This has increased capacity of the Store 11 facility by 40% and total site capacity by an extra 20%.

The existing narrowband RF network infrastructure needed to be upgraded as the physical size of the building and more than 70 RTS terminals exceeded the parameters of the old narrowband system. With the addition of extra data capture terminals into the environment, the old system would have been pushed beyond its capacity. Oxford undertook this exercise to ensure service levels could be maintained.

RTS solution for Oxford

RTS upgraded Oxford's wireless network to a 54MB CISCO wireless LAN and the RTS narrowband terminals to spread spectrum compatible. The warehouse management system was also upgraded which included a GUI front-end and a new host computer with the latest versions of Linux and Oracle. An additional 20 new RF terminals were supplied.

Within two days of Store 11 going live, Oxford management noticed a significant increase in productivity which resulted in a higher turnover of pallets from the dock into the freezer. This was facilitated by the increased speed of the new wireless network.

Oxford has now decided to roll the technology out across the rest of the business due to the success of the Store 11 upgrade. The network will cover all temperature controlled storage areas which have a total capacity in excess of 110,000 pallets and utilise in excess of 150 RTS RF terminals.



KEY BENEFITS

- Greatly improved warehouse efficiencies and time savings managing stock
- Better and more accurate knowledge of inventory quantities and overall management of stock and stock locations
- Greatly reduced forklift and product damage through the RTS IMS impact sensor products installed
- Provided the business with the confidence in RF technology which has helped in the aggressive growth of the additional cold storage facilities

“RTS is a company that’s constantly growing and evolving, and is a great partner who is very adaptable, as we evolve and grow.”

Joe Kanzamar,
Operations Manager,
Oxford Cold Storage.

RTS solution for Oxford (con’t)

This has enabled the Oxford business to derive significant productivity gains now and into the future.

RTS is always looking for products to assist the Oxford business. For example, RTS sourced a forklift impact sensor for Oxford which did not fully meet Oxford’s requirements. RTS then developed its own to best meet the needs of the industry and Oxford’s requirements.

The IMS1000 and IMS2000 products have been vital to Oxford in helping to reduce forklift and product damage. The IMS products easily stand up to the harsh environment which they are subjected to each day, whilst ensuring the highest level of occupational health and safety is maintained on the forklifts.

CONTACT US

If you would like further information about any of our products, services, or other case studies, please visit our website at www.radterm.com.au, call us on **+61 3 9240 4200** or email sales@radterm.com.au and we will contact you within 24 hours of your enquiry.

Outcomes

RTS has now provided Oxford with a number of robust solutions to many technically challenging requirements. Oxford can rely on suitable RTS supplied equipment which withstands the harsh environments that they are subjected to.

RTS has supplied Oxford with a secure wireless infrastructure which will fulfill the company’s requirements, both now and into the future.

RTS continues to work very closely with Oxford, who are both owned and operated by the Oxford Logistics Group. This relationship enables Oxford to constantly achieve their goals which are driven by the aggressive growth of the business. To date, Oxford has found RTS to consistently deliver solutions on time and on budget.

Products implemented

RTS G3 and G4 terminals, RTS Rugged Scanner, RTS Tracer, RTS IMS1000 & IMS2000, RTS narrowband and CISCO WLAN, RTS heater boxes, RTS Pikker, Portable barcode printing, fixed barcode printing.



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