

## Liverpool Hospital

KOS T3 Telescopic sliding door operator

### SUMMARY

**YEAR** 2024

**INDUSTRY** Health

### CUSTOMER

Liverpool Hospital

### PROJECT DETAILS

Supply, install and commission of Record's KOS T3 Telescopic sliding door

The lead-lined door panel ensures protection from radiation

The KOS T3 system serves as a dividing wall between two adjoining CT rooms



Lendlease has launched a major \$800 million upgrade at Liverpool Hospital, a historic healthcare facility in western Sydney. This project aims to modernise the hospital with expanded emergency and maternity services, outpatient facilities, and a new integrated services building, enhancing access and care for the community.

A key requirement was to optimise the use of a single CT scanner across two adjacent rooms, allowing the hospital to perform CT scans more efficiently without the need for an additional machine. The hospital needed a cost-effective and compliant door solution to enable smooth transitions between scanning and preparation for patients.

Record Doors provided a tailored solution with the Record KOS T3 Telescopic sliding door system. This multi-leaf, non-hermetically closing door system was specifically designed for healthcare applications requiring flexibility and precision. Installed as a dividing wall between two CT rooms, the KOS T3 allows one patient to be scanned in one room while another patient is being prepared in the adjacent room.

- **Efficient Use of Space:** The KOS T3 door system separates the two rooms, enabling a single CT scanner to serve both spaces. After each scan, the machine slides through the door to the next room, optimising workflow.
- **Lead-Lined for Safety:** The door panels are lead-lined to protect against radiation, ensuring patient and staff safety during the scanning process.
- **Custom Automation:** Designed for effortless movement, the doors operate on motion sensors to open and close seamlessly.

#### Benefits

- **Cost Savings:** The KOS T3 door system eliminated the need for a second CT machine, delivering significant cost savings to the hospital.
- **Enhanced Patient Flow:** By allowing continuous scanning in two rooms, patient wait times are reduced, and hospital efficiency is improved.
- **Compliance & Safety:** With radiation protection built into the design, the door system meets stringent safety standards essential for healthcare environments.

This innovative approach offers a practical, cost-effective, and safe solution, helping Liverpool Hospital deliver improved patient care and operational excellence.

