



Singapore General Hospital

Pathology Center

Fast and reliable transportation of lab specimen with Telelift UniCar improves transport tracking and optimizes the logistic process.

The Customer, the Requirements, the Solution

The Singapore General Hospital had its beginnings in 1821 when the first hospital was located near the Singapore River. In 1981, the hospital was rebuilt as a new full supply complex. It consists of inpatient wards, ambulatory and support services, research laboratories and a post-graduate medical institute. The hospital has 1579 beds, 76.000 admitted patients per year and over 8.000 employees.

The UniCar system was installed in the new pathology building called "The Academia". This new building was erected between 2011 and 2013 and is one of the largest pathology centers in Asia. It serves the entire General Hospital Campus of five National Specialties Centers, thirty-seven clinical specialty departments and some more institutes.

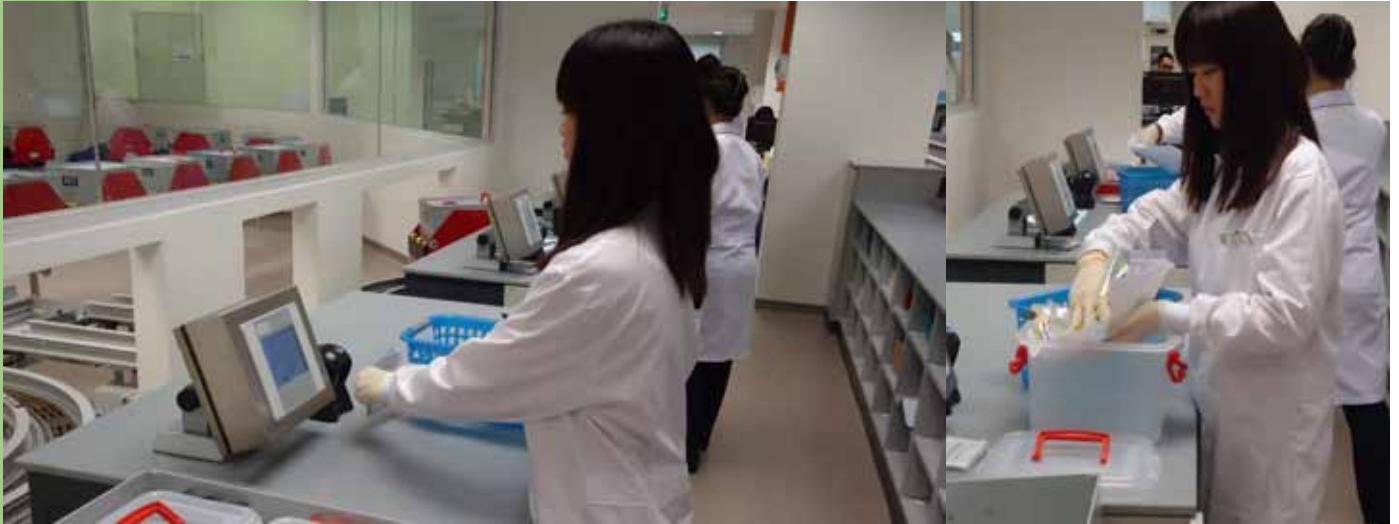
For handling and examination of over 5 million specimens per year, the General Hospital came up to Telelift and asked for a solid solution.

Telelift planned and installed a UniCar system with 12 stations and 24 B-type vehicles. At three stations at level 8, lab assistants track each arrived consignment of lab specimen.

The bar code label sets the destination and carries the samples to the respective laboratory type in floors 9 to 13.

There, the received containers activate a signal if not opened after a particular time. This process guarantees a solid work flow and 100% tracing of all transports.

Medical

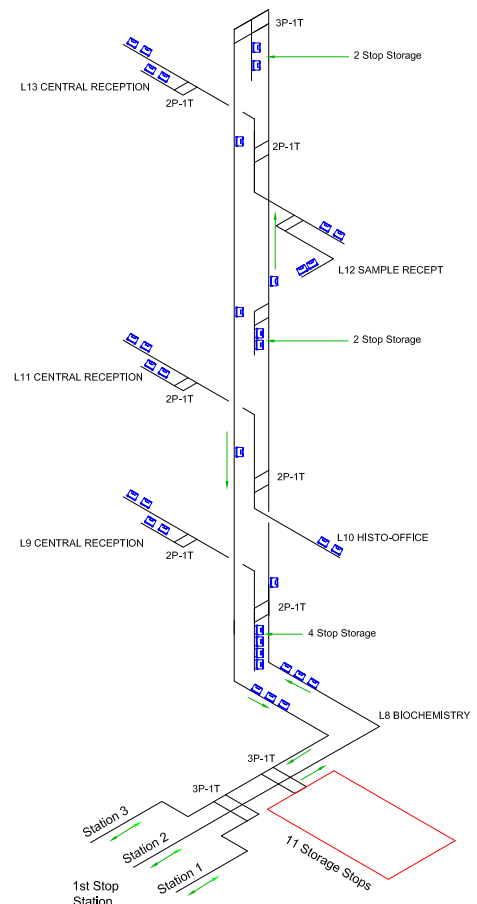


The Solution:

The system: UniCar
 Track length: 116 m
 Number of vehicles: 24
 Container type: B-320
 Stations: 12
 Transported goods: Blood, urine, saliva, tissue specimen
 Startup date: 2013

Benefits:

- > Significant increase of operational safety
- > Shortest possible process duration
- > All transports within a measured time
- > 24/7 availability
- > Full transparency of all logistic processes
- > No damaged or lost specimen
- > System life time min. 25 years
- > Payback period less than 3 years
- > Transport capacity of specimen: 5 million / year (approximately 15 thousand / day)



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