



**Nikiforov Russian
Center of Emergency
and Radiation
Medicine**

**St. Petersburg,
Russia**

Automated clean and dirty transports with Telelift
MultiCar improves hygiene standards

The Customer, the Requirements, the Solution

The Federal State Health Institution “All-Russian Center of Emergency and Radiation Medicine” of EMERCOM in Russia was established in 1992 in St. Petersburg. It has been appointed with the organization and administration of medical care to the participants of clean-up operations after the Chernobyl nuclear disaster and to those resettled from radioactively contaminated areas in Russia.

NRCERM holds a federal license for health-care activities and provides diagnostics, medical and psychotherapeutics assistance for inpatients and outpatients. Requested was a solution for automated transportation of sterile and dirty items in a restricted building structure between central sterilization and operation theatres.

The surgical department required multi-shift operation and easy identification of different goods to perform all rules and regulations for workers’ safety and hygienic demands.

Telelift realized two safe and reliable transportation systems for clean and dirty items. In each line, a MultiCar connects operating rooms and central sterilization. On the clean side, sterilized instruments and material are delivered safely and reliably to the operating theatres for scheduled surgeries and emergency cases. On the unclean side of the process, removal of used instruments and material is performed safely and quickly avoid any risk for staff and patients.

Medical

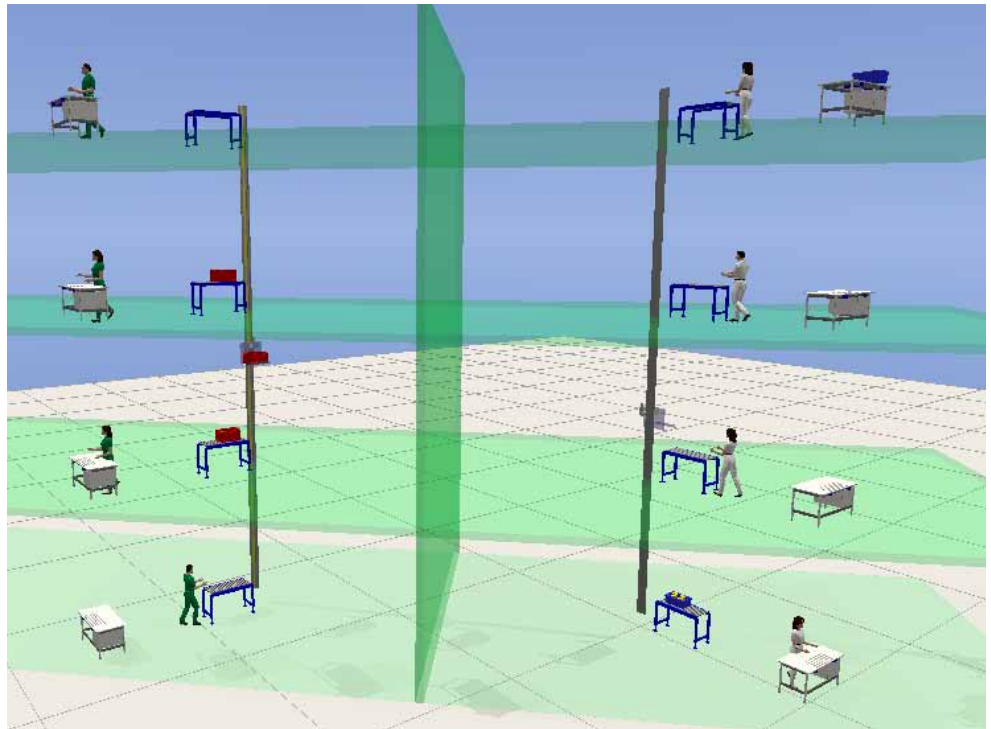


The Solution:

System: MultiCar
Track length: 17 m per shaft
No. of station: 8
No. of vehicles: 2
Transport lines: 1 clean, 1 dirt
Comissioning: 2012

Benefits:

Application of modern technology with automated loading/unloading and transport of washable boxes in different colors; system separation and good maintainability provide highest transport quality to the customer



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