



Telesys - Smart Track System (ETV)

Strive for excellence, work in intelligence



#SmartSolutins
...since 1953!

Hospital Logistics Automation Solution
Intelligent Electrical Track Vehicle System





WARRENWELL

Leader for Hospital Integrated Solutions

Warrenwell Hi-tech Co, Ltd. was founded in April 2012, in Medpark, SND, Suzhou, China, with a modern comprehensive office of 30,000 square meters. Warrenwell is a high-tech enterprise specialized in hospital intelligence and automation and has obtained over 100 independent intellectual property rights. With an international management team and leading technology and concepts, Warrenwell continues to deeply cultivate the development of hospital intelligence, and is committed to providing technology-leading and quality-first overall solutions. Since its establishment, Warrenwell has served more than 300 users throughout provinces and cities across China and has won wide acclaim. As a leading enterprise in the industry segment, Warrenwell leads the formulation of industry standards, sets industry benchmarks, and continuously promotes the sustainable and good development of the industry as a leader, innovator, and pioneer.

Holding the mission "Technology innovation advancing healthcare improvement, healthcare improvement benefiting human being", and driven by the challenges faced by customers, Warrenwell has continued to improve its core competitiveness through relentless innovation, deeply integrating emerging technologies with advanced manufacturing, and fully assisting customers in achieving their vision. With leading innovative technology, outstanding product quality, and rich practical experience, Warrenwell has deep market insight into demand and continuous value creation for customers, and become a trusting brand for customers.



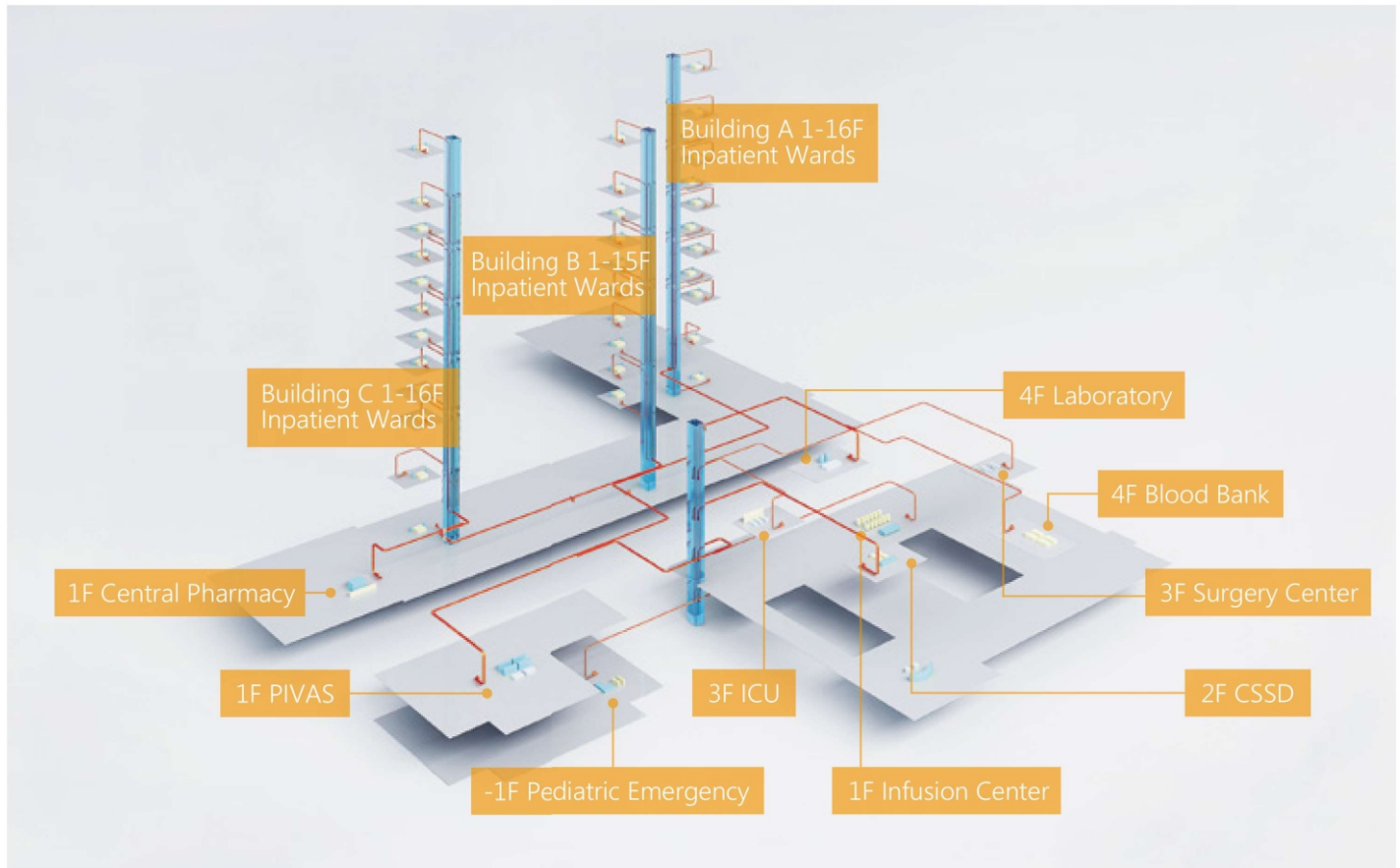
WARRENWELL has achieved
ISO 9001, ISO 13485 and ISO 14001
management certifications



WARRENWELL is in
possession of more than 100
independent intellectual
properties



The OR&ICU equipment has
been accredited with CFDA, CE
and RoHS certificates



Telesys

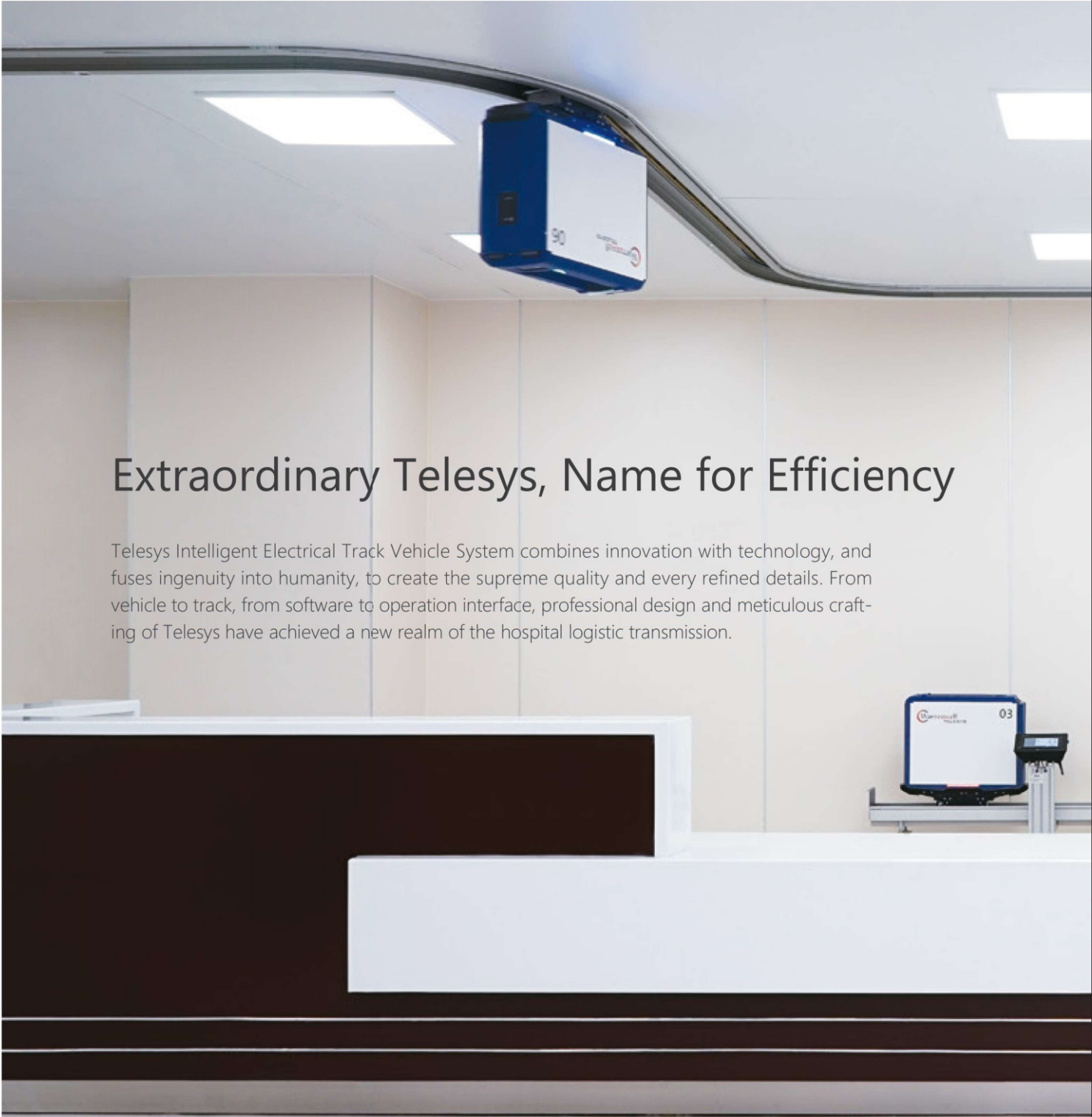
Advancing Together, Pioneering High-Quality Development

Warrenwell adheres to the philosophy of driving industry transformation through technological innovation. Specializing in logistics technology with deep cultivation in medical demands, we continuously explore emerging technological trends and develop cutting-edge applications to create premium intelligent logistics transmission systems. The Telesys Electrical Track Vehicle System, inheriting this innovative spirit, is dedicated to enhancing user experience and optimizing every node of hospital logistics. With refined quality with excellent performance, it builds a seamless and comprehensive material flow pathway, establishing a high-caliber hospital logistics system that embodies both excellence and reliability.

- Respond to Joint Prevention and Control, Implement Clean-Contaminated Separation.
- Comprehensive digital elements facilitate refined management.
- Integrated One-Stop logistics support to implement management innovation.
- High-quality construction with optimized process coordination in healthcare facilities.
- Strategic expansion and digital transformation for sustainable growth.

* Ideal solution for in hospital logistics - ETVS + PTS + AGV + AWLS

Creating a logistics all-in-one for medical supplies and waste and laundry to feel the efficient and safe logistics management.



Extraordinary Telesys, Name for Efficiency

Telesys Intelligent Electrical Track Vehicle System combines innovation with technology, and fuses ingenuity into humanity, to create the supreme quality and every refined details. From vehicle to track, from software to operation interface, professional design and meticulous crafting of Telesys have achieved a new realm of the hospital logistic transmission.

High Intelligence

- Departure tracking function to display real-time information of the transported items
- Code scanning for automatic addressing and departure, with various customizable code formats
- In-depth analysis of data to quantify system efficiency for optimized management
- Customized weekly visualization reports, generated at one-click operation, making it easy to master the operational details

Efficient Transmission

- Multi-marshalling dispatch to achieve high-volume transmission at busy stations
- High-frequency dispatch to accommodate emergency items delivery during peak hours
- Track extended to terminals, without additional connection and multiple distribution
- Unlimited transmission between any two stations, 24/7
- Ancillary accessories to help refine transportation solutions



Safety and Security

- The vehicle secured by a rail structure and unable to be removed without authorization
- Safety lock automatically locked to avoid contamination
- RFID card authentication, to make operation traceable, and responsibilities clear
- Monitoring the whole process of system operation, and remote fault alarm available
- Separation of clean and dirty, specialized vehicles to comply with hospital infection control

Building Adaptation

- Flexible track installation laying for a variety of departmental layouts
- Perfectly linking multiple buildings in the hospital to combine new and old buildings
- The track occupying less space and saving spatial resources to medical activities
- Grade A fire doors to set up different fire zones and comply with relevant fire codes



Creating a New Look, Setting a New Model for the Future

Telesys Intelligent Electrical Track Vehicle System is equipped with advanced concepts to ignite the power of innovation, and cutting-edge technology gradually improves itself. From vehicle inbound to outbound, the whole process is iteratively updated, and the system functions become increasingly perfect. Telesys perfectly presents the ultimate safety, convenience, and high efficiency, and helps to construct an advanced and complete in-hospital logistics transmission system.

Applications

Items:

IV bags, blood products, medicines, disinfectant dressings, small surgical instrument kits, specimens, medical records, documents, etc.

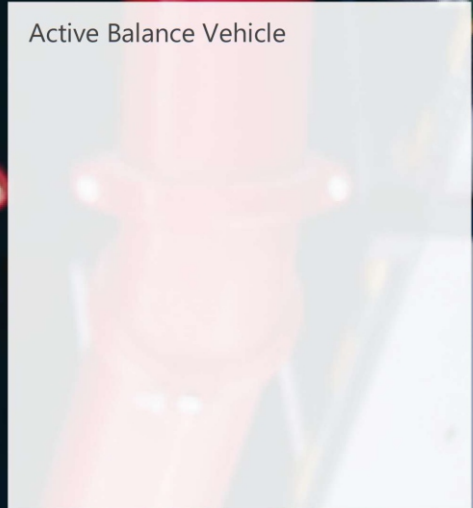
Departments:

Central Pharmacy, CSSD, Laboratory, PIVAS, Outpatient and Emergency, ICU, Operating Department, Blood Bank, Imaging Center, Pathology, Inpatient Wards, Administrative Departments, etc.

Standard Vehicle



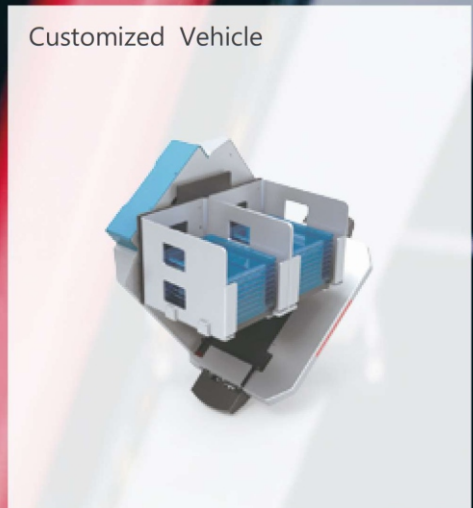
Active Balance Vehicle



Wide Model Vehicle



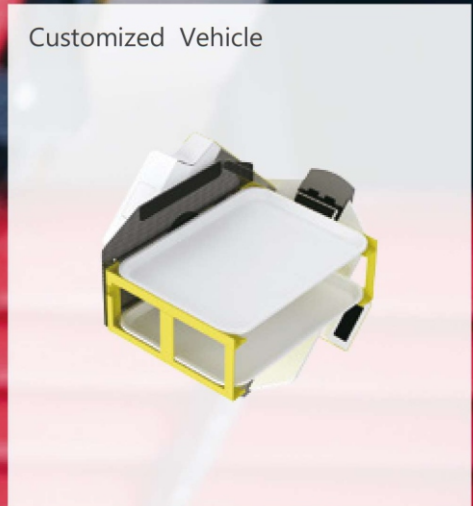
Customized Vehicle



Passive-balance Vehicle



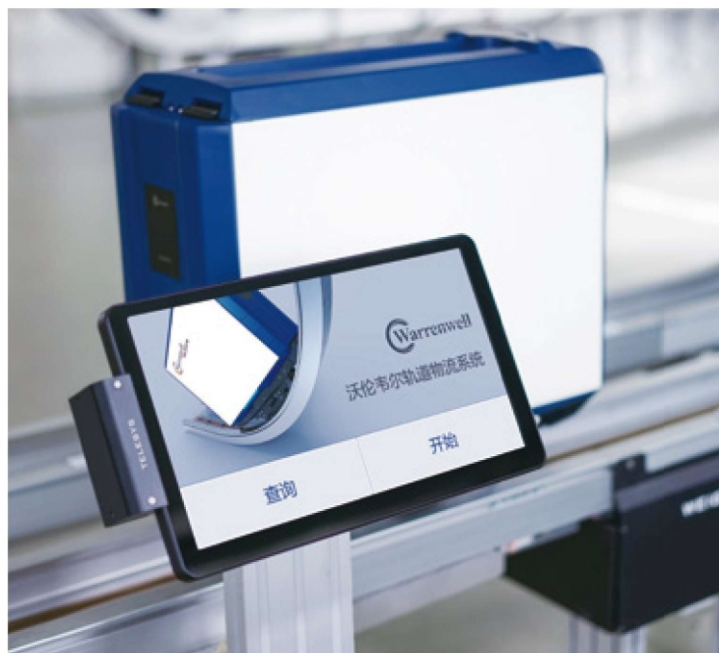
Customized Vehicle





Vehicle

- Multi-functionality and large capacity to meet complex and diverse transmission needs.
- On-board screen, integrating conventional functions.
- Card/password unlocking, user permissions settable.
- Equipped with UV disinfection function.
- Vehicle color customizable.



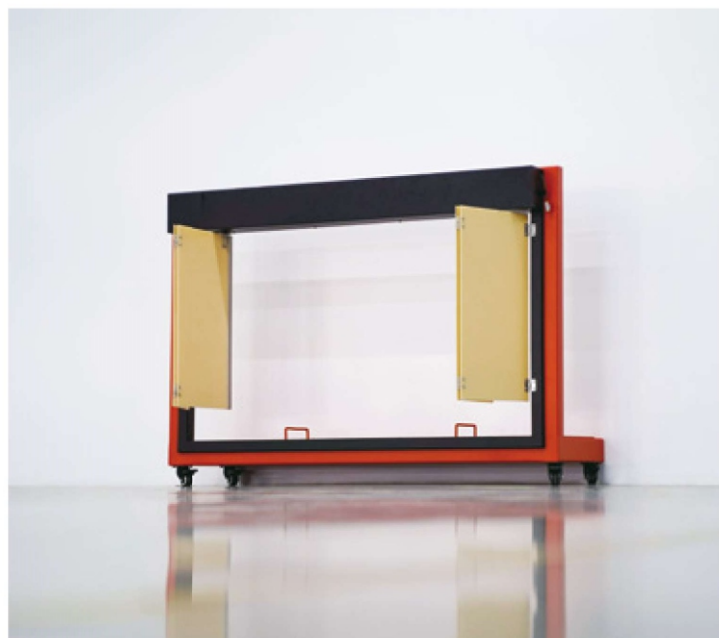
Workstation

- Unlock with RFID card or password, traceable operation.
- Auto departure by scanning address code. (optional)
- Friendly operation interface, better operation experience.



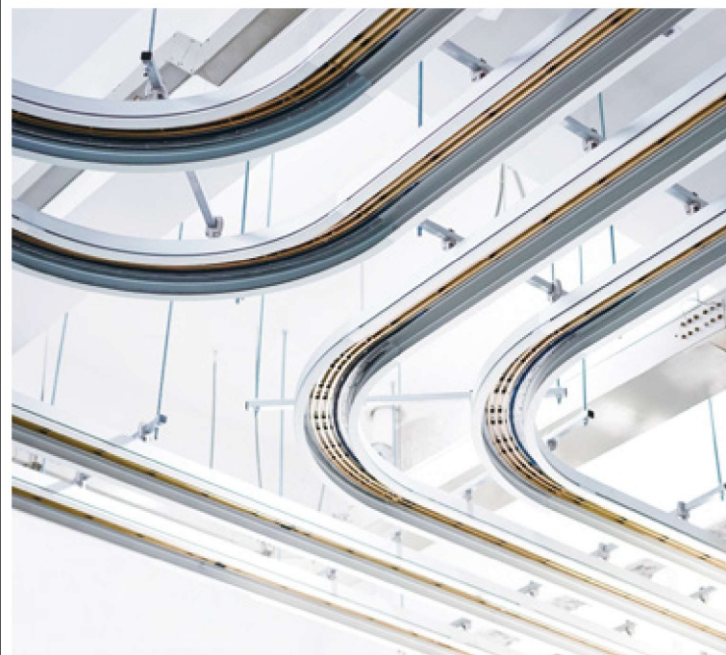
Motorized Fire Door Unit

- Fire doors certified by national authorities, equipped with fire linkage modules, fully compliant with fire code for buildings.



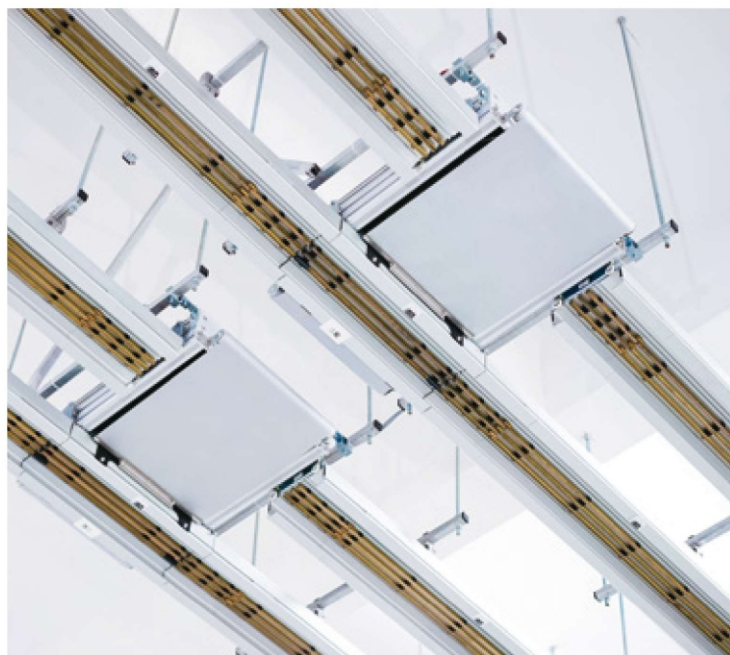
Motorized Windproof Unit

- Specialized windproof windows, effectively blocking air circulation.
- Various specifications to meet various installation requirements.



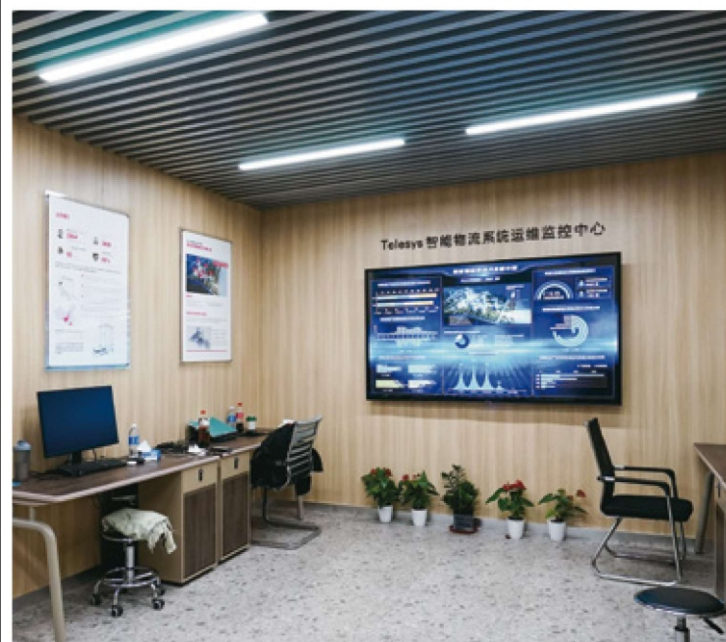
Track

- High-quality aluminum-magnesium material, anodized and wear-resistant.
- Dedicated rail for real-time communication without blind spots throughout the process.
- International standardized communication protocol, stable communication without interference.



Shunt Switch

- Individual motor drive, smooth and steady track rotation.
- Pre-tracking technology for more efficient system operation.
- Rotary switch device, saving the space occupied by track turning.



Monitoring Center

- Real-time 3D display of running status, clear and intuitive.
- Comprehensive monitoring and data analysis to optimize management.
- Real-time SMS alerts of faults, no need to worry about unattended.



Accessories

- Suitable for different types of goods transmission, and conducive to refined management.
- Simplified operation process, higher efficiency, quick and convenient operation for whole package.

ONE STOP SERVICE

① System Planning

Work with the client to plan the logistics transmission system based on the quantity, types, department settings, and operational issues encountered in the hospital. Reasonably and effectively plan the transmission path and station settings of the logistics transmission system and optimize work processes.

② Solution Design

Based on the system planning, communicate repeatedly with the design institute and the owner to determine the final solution.

③ Implementation

Our company has experienced project management and construction personnel who install the system according to customer's requirements and strictly implement construction standards to meet design and aesthetic requirements.

④ Operation Maintenance and Training

Establish a long-term cooperative relationship with the client, and provide customize services, support, and training beyond expectations based on customer needs.

Client List (Partial)

Anhui Fuyang People's Hospital
Hefei First People's Hospital
Putian Hanjiang Hospital
Xincheng Hosiptal of Sanshui District,
Foshan City, Guang-dong Province
The Third People's Hospital of Shenzhen
Baiyun Hospital Affiliated of Guizhou
Medical University
Guizhou Cancer Hospital Affiliated of
Guizhou Medical University
The First People's Hospital of Qiqihar City,
Heilongjiang Province

Weichang Manchu Mongolian
Autonomous County Hospital
The People's Hospital of Zhaodong City
Heilongjiang Province
The First People's Hospital of Chenzhou
City, Hunan Province
Liuyang People's Hospital of Hunan
Province
Dehua Hospital Affiliated to Overseas
Chinese University
Union Hospital Tongji Medical College
Huazhong University of Science and
Technology

Songyuan Central Hospital of Jilin
Province
The First People's Hospital of Changzhou
The Second Affiliated Hospital of
Nanchang University, Jiangxi Province
The People's Hospital of Suzhou New
District
The Affiliated Suzhou Hospital of Nanjing
University Medical School, Suzhou Science
& Technology Town Hospital
Jianhu Hospital Affiliated Nantong
University
Wuzhong New District Hospital of General
Hospital of Ningxia Medical University



Linqu Hospital of Qingdao University
Medical Group

Xiang'an Hospital of Xiamen University

Qilu Children's Hospital of Shangdong
University

Lalyang Central Hospital of Yantai City

Zibo Central Hospital of Shandong
Province

Lvliang Medical and Health Park, Shanxi
Province

Central Hospital of Yingze District, Taiyuan
City, Shanxi Province

The Second People's Hospital of Changzhi

Zhoushan Branch Shanghai Ruijin Hospital
Affiliated of Shanghai Jiaotong University
School of Medicine

Tongren Hospital Shanghai Jiaotong
University School of Medicine

Traditional Chinese Medicine Hospital of
Meishan

Wenjiang Hospital of Sichuan Provincial
People's Hospital The First Affiliated
Hospital of Soochow University

The Affiliated Hospital of Southwest
Medical University The First People's
Hospital of Yunnan Province

The First Affiliated Hospital of the Medical
College, Shihezi University

North Zhejiang Medical Center, Huzhou
City, Zhejiang Province

Louqiao Branch of Wenzhou Municipal
People's Hospital

Wenzhou Traditional Chinese Medicine
Hospital Affiliated of Zhejiang Chinese
Medical University

China Pharmaceutical University Nanjing
First Hospital

The Second Affiliated Hospital of
Chongqing Medical University

The Second Affiliated Hospital of Zunyi
Medical University

To create is to give life.



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