

## Operating Room Behavior Management Expert

Industry Pioneer With **27** Years Of Technological Accumulation

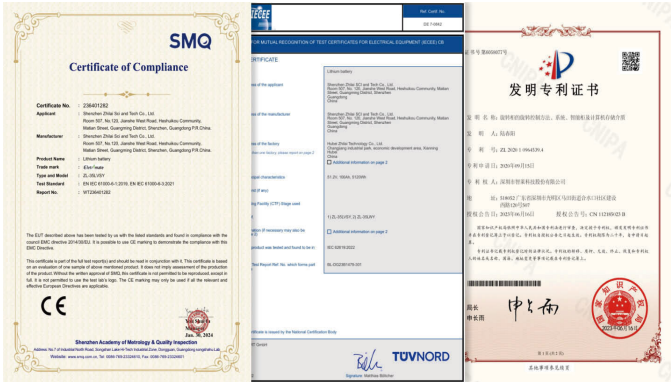
- Listed Company
- Quality Assurance
- Original Manufacturer
- Lifetime Guarantee

### ZHILAI MED

- In 2009, Zhilai Technology developed and produced China's first operating room behavior management system, which was officially put into use at Wuhan Tongji Hospital and has been operating stably for 17 years.
- Drawing on practical experience in on-site operation and maintenance at the operating rooms of the General Hospital of the Chinese People's Liberation Army (301 Hospital) and the First Affiliated Hospital of Sun Yat-sen University, the company has distilled this expertise into practical R&D outcomes and solutions. To date, it has served nearly 200 Grade A tertiary hospitals.
- As a leading OEM, Zhilai's annual production capacity reaches 280,000 units and annual revenue exceeds US\$140 million. Our products are available in more than 50 countries and regions worldwide, serving over 10 million users daily.
- Master the core technologies of the entire software and hardware chain, and build a full lifecycle service system that integrates research and development, production, sales, service, and operation and maintenance.

# >>> About Zhilai Medical Introduction

## Introduction of Zhilai



Zhilai Technology was founded in 1999 and is a leading enterprise in the global field of intelligent storage and delivery. After 27 years of technological accumulation, we have over 520 technology patents, 40 scientific and strict production processes, 15 rigorous aging testing quality guarantees, 46 after-sales service institutions nationwide, and a after-sales service team of more than 200 people. Our service network covers 80% of provinces in China. As a holding subsidiary of Zhilai Technology, Zhilai Medical bears the responsibility of promoting the medical industry to a higher peak and is committed to achieving greater progress in the medical field.

<p><b>200+</b></p> <p>Case study of a tertiary hospital</p>	<p><b>40</b></p> <p>scientific production processes</p>	<p><b>15</b></p> <p>15 rigorous aging tests</p>	<p><b>200000m<sup>2</sup></b></p> <p>R&amp;D and production base</p>
<p><b>280000</b></p> <p>Annual output of equipment</p>	<p><b>2400+</b></p> <p>Industry professionals</p>	<p><b>500+</b></p> <p>Patents and Copyrights</p>	<p><b>200+</b></p> <p>After-sales service team</p>

## Cases Worldwide



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## | Solution Overview

### Improve Management Efficiency ↑ INCREASE

The system effectively alleviates congestion during peak hours. According to big data analysis, the preparation time that originally required nearly an hour has been significantly reduced to only 10 minutes after the launch of the Zhilai system, resulting in a significant improvement in efficiency.

### Improve Overall Service Level ↑ INCREASE

The seamless integration of the operating room behavior management system and scheduling system ensures that medical staff arrive on time. The system deeply analyzes the changing time and anesthesia start time, improving the on-time opening rate by about 95%.

### Reduce Overall Operating Costs ↓ REDUCE

By automating the management of clothing distribution, the inventory base of clothing has been reduced, and manual operations have been greatly reduced. Only one part-time worker is needed to complete the original two full-time jobs, effectively reducing clothing loss and procurement costs by about 30%.

### Reduce Occurrence Of Bad Things ↓ REDUCE

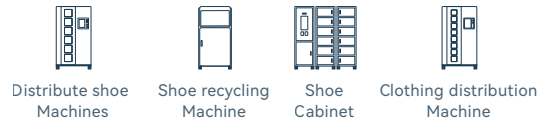
Through the rigid control of medical staff access and behavior by the system, the cleanliness and safety of the operating room have been ensured, and the incidence of adverse events has decreased from 5 times/month in the past to 0 times/month now, with a comprehensive reduction of about 99%.

## | Scheme scenario

### 1. Medical Entrance



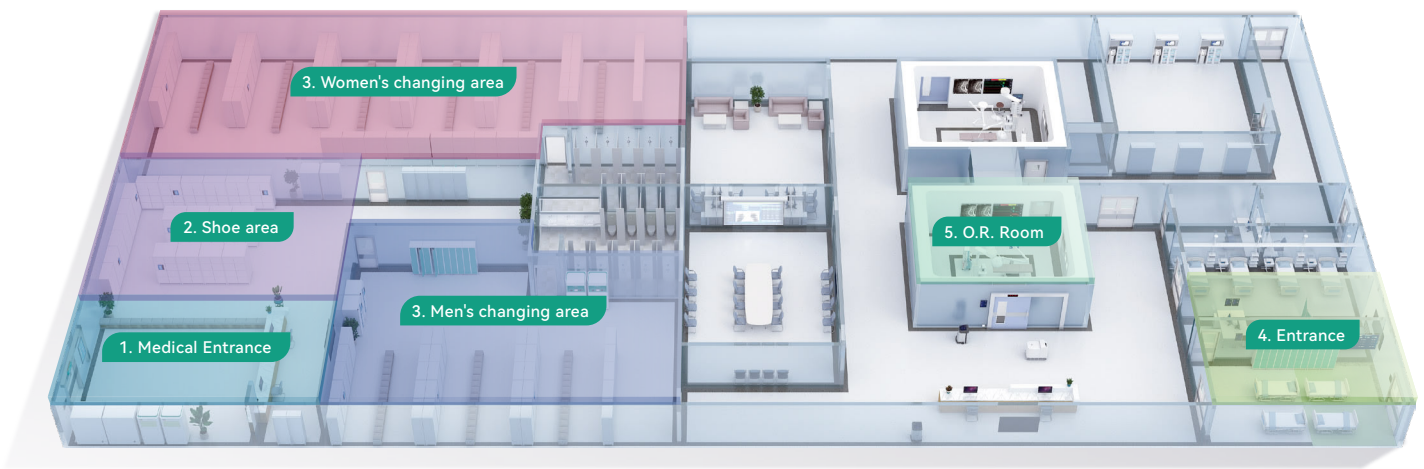
### 2. Shoe area



### 3. Changing area



### 4. Entrance



Medical Entrance



Shoe Storage Area



Clothing Storage Area



Handwashing Area



O.R. Room



Clothing Storage Area



Shoe Storage Area



Medical Entrance

# Hardware Introduction



## Clothing Dispenser Machine

### Ultra-High Capacity

Supports daisy-chain configuration; two units can store 120 sets of surgical gowns



### Provincial Expert

Covering an area of approximately 0.54 square meters, suitable for multiple scenarios



## Shoe Distribution Machine

### Ultra-High Capacity

Supports daisy-chain configuration; two units can store 108 sets of surgical gowns



### Provincial Expert

Covering an area of approximately 0.36 square meters, suitable for multiple scenarios



## Clothing Dispenser Machine

### Ultra-High Capacity

The machine can store and manage 128 sets of clothes



### Provincial Expert

Covering an area of approximately 0.78 square meters, suitable for multiple scenarios



## Shoe Distribution Machine

### Ultra-High Capacity

The machine can store and manage 114 sets of shoes



### Quick Retrieval

Equipped with 8 compartments, it can quickly dispense clothes within 3 seconds



## Clothing And Shoe Storage Cabinet

### Safety Lock Control

Through 1.2 million aging tests with switches



### Not Afraid Power Outages

The cabinet is equipped with UPS backup power supply, which is not afraid of power outages



## Clothing And Shoe Recycling Cabinet

### Ultra-High Capacity

The cabinet can easily accommodate 60 sets of clothes or shoes



### Provincial Expert

Covering an area of approximately 0.66 square meters, suitable for multiple scenarios



# Software Introduction

