

Haier Biomedical | **HLM**

Health Life Management



HLM-Health Life Management

Brand origin

The biosafety sector under
Haier Group

Haier

Haier Biomedical

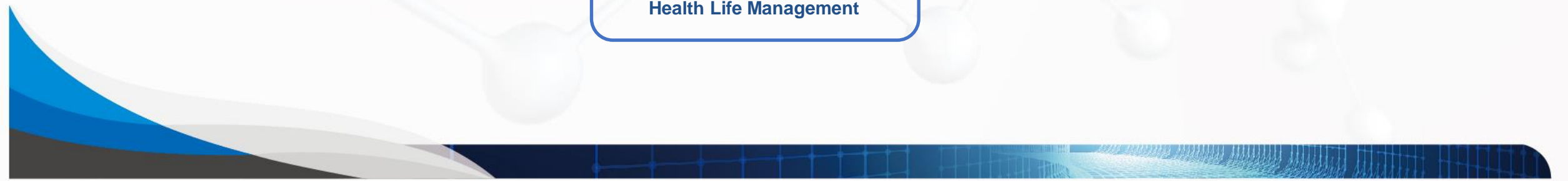
Intelligent Protection of Life Science

An ecosystem brand of integrated
IoT biotechnology solutions

HLM

Health Life Management

A Haier Biomedical Brand



Haier Biomedical: The first IoT ecosystem brand of integrated biotechnology solutions in the world

The first stock of IoT technology ecosystem



A bio-safety and biotechnology ecosystem leader based on IoT transformation

No.1 brand in the medical cryogenic cold chain industry of China

One of the world's three major cryogenic cold chain brands

As an industry sector prioritized by Haier Group, Haier Biomedical will continue to develop products and solutions to ensure the best user experience, by linking networked medical appliances with scenarios and environments for the co-creation of ecosystems by developing technological innovations to provide safe and convenient services for the full life cycle for all.



Market share ranking in China

No. 1



Number of patents

187 patents



The drafting of national/industry standards led or participated in by it

9 standards



Countries and regions covered

100+ counties and regions



Long-term partners covering the Belt and Road

100,000 terminals

Haier Biomedical provides integrated IoT biotechnology solutions in five major scenarios

Biobank
Solutions

Blood
Solutions

Health Life Management (HLM)
Solutions

**Pharmaceutical
& Reagent**
Solutions

Laboratory
Solutions

Haier Biomedical has designed and manufactured **intelligent IoT solutions** by integrating the **cryogenic refrigeration technology advantages** and the **IoT technologies** into best practice end user needs to improve the service experience for thousands of users.

Cryogenic Refrigeration Technologies

IoT Technology

The institutions we serve



Hospital



Disease control and
prevention unit



biopharmaceutical
enterprises



University scientific
research



Testing organization



Blood stations



China Marrow Donor
Program



China National
GeneBank



Beijing No. 301 Hospital



Shanghai Ruijin Hospital



West China Hospital



Sinopharm Group



World Health
Organization (W



India's
Ministry of
Health



University of
Sydney



Biobank Project of the
Department of
Agriculture of Ireland



Human Genetic
Resources Centers



Chinese Center
for Disease
Control and
Prevention



Hunan Xiangya
Hospital



The First Hospital of
China Medical
University



Tsinghua
University



WuXi AppTec



United Nations
International
Children's
Emergency Fund



Pakistan's Ministry
of Health



UK Biobank



Biobank Project of the
Copenhagen Region,
Denmark

HLM-Health Life Management

Brand Vision



Health Life Management

[Business scope]

Vaccine Safety Smart Vaccination Refrigeration & Smart Vaccination Clinics)

Mobile Health Care (Mobile vaccination and physical examination vehicles)

Public Health (All-in-one health solutions, complete package)

Air Safety (air purification unit, smart autonomous spray disinfecting machines, and hydrogen peroxide disinfecting machines)

Family Health (Oxygen generator, infrared thermometer, and hematomanometer auto test instrument)

Consumables (Vaccine and adhesive bandage)

HLM was founded by **Haier Biomedical** to further engage in the development of health life management and initiated to advance the field of biosafety.

Haier Biomedical, as **the global leader of advanced cryogenic storage technologies**, has taken the next step from being the leader in the field of hardware equipment to now being the global leader for IoT technologies. From the initial insight into the **IoT opportunities** to immediately breaking down the boundaries of the bio-safety storage industry by leveraging the IoT technologies to provide a more direct and superior experience for a wider end user experience.

Self-Creation of Ecosystem and Co-Evolution: As the Ecosystem and technology evolves, so will the ongoing development of the HLM management system. Users' demands will guide the planning, development and the advancement for how HLM will move forward. With the aim to satisfy and improve the overall end users' experience constantly, HLM will expand the margins of the ecosystem continuously, so that the life and health ecosystem can protect people in need all over the world.

HLM-Health Life Management

Product Lineup

Smart Vaccination Refrigerator



Vaccination Shelter



Medical Oxygen Generator



Mobile Vaccination Vehicle



All-in-one Health Examination Unit



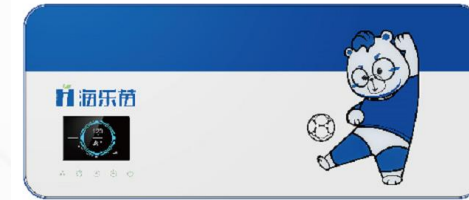
Follow-up Health Examination System



Adhesive Bandage for vaccination



Air Purification Sterilizer



HLM-Health Life Management

Solutions in Practice: End User Stories

Recently, **mobile vaccination vehicles** bearing the words "**National Immunization Program, Smart Mobile Platform**" were put into use outside the Donghua Gate of the Palace Museum to provide convenient and quick COVID-19 vaccination services for passing people.



HLM-Health Life Management

Solutions in Practice: End User Stories

"Top priority" for 2021 - COVID-19 vaccination

In Wuhan, Hubei province, a vaccination team has been set up to provide door-to-door vaccination services with **mobile vaccination vehicles**. Each vehicle has been equipped with an **HLM vaccine refrigerator** to achieve precise temperature control.



Haier Biomedical | HLM

Intelligent Protection of Life Science



Haier Biomedical
International



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