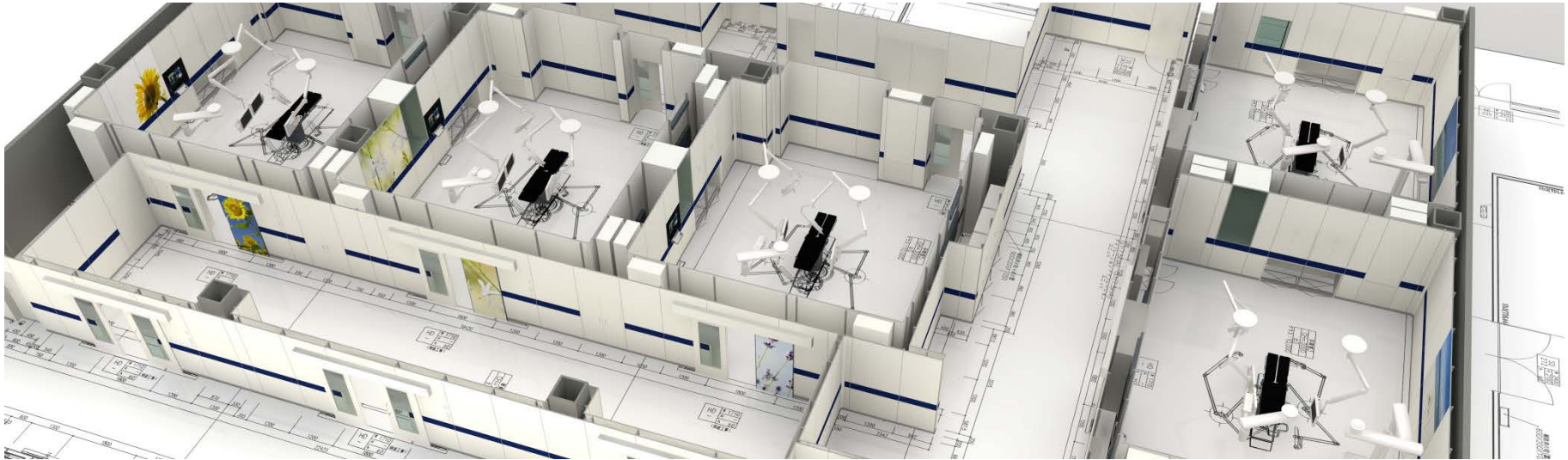


Getinge Hospital Solutions

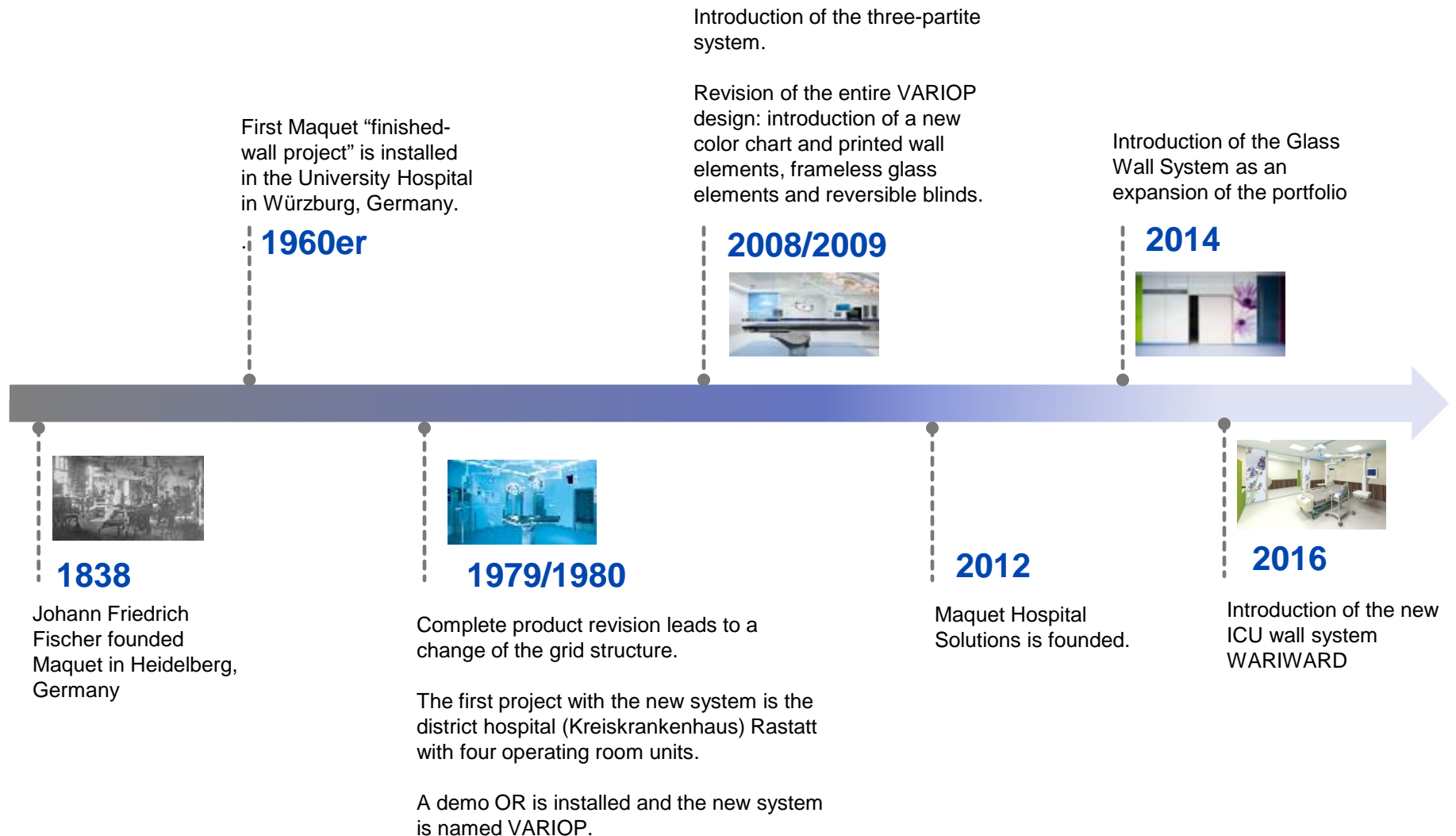
Complete solutions from one source

GHS
July 2016



Getinge Hospital Solutions GmbH (GHS) is one of the leading providers of complete solutions for Operating Rooms, Intensive Care and Recovery Units, Central Sterilization Departments as well as for further function-specific hospital areas.

The modular room systems **VARIOP, Glass wall system and VARIWARD** are important parts of our project business. Based on its project competence and workflow experience, GHS is perceived as a reliable partner for overall projects within the Getinge Group.



Getinge Hospital Solutions

Scope of business activity

GETINGE GROUP

- Providing complete solutions packages in the field of medical equipment based on consultation, workflow analysis and customized planning
- Focus on the highly equipped areas of hospitals:
 - OR, Hybrid OR
 - ICU, recovery areas and “high dependency areas”
 - Emergency rooms, isolation rooms
 - CSSD
- Partnering with external suppliers to complete project offerings



VARIOP, Glass wall system, VARIWARD

OVERVIEW WALL SYSTEMS

	VARIOP	GLASS WALL SYSTEM	VARIWARD New wall system ICU*
Description	Customized, 3-parted room system	10 mm tempered single pane safety glass	Wooden or foam core and HPL surface.
Markets	Mature and emerging markets	Mature markets	Mature and emerging markets
Main application area	OR, ICU, corridor	OR, endoscopy	ICU, NICU, Recovery, "healing environments"



Complete solutions from one source

Getinge Hospital Solutions:

GETINGE GROUP

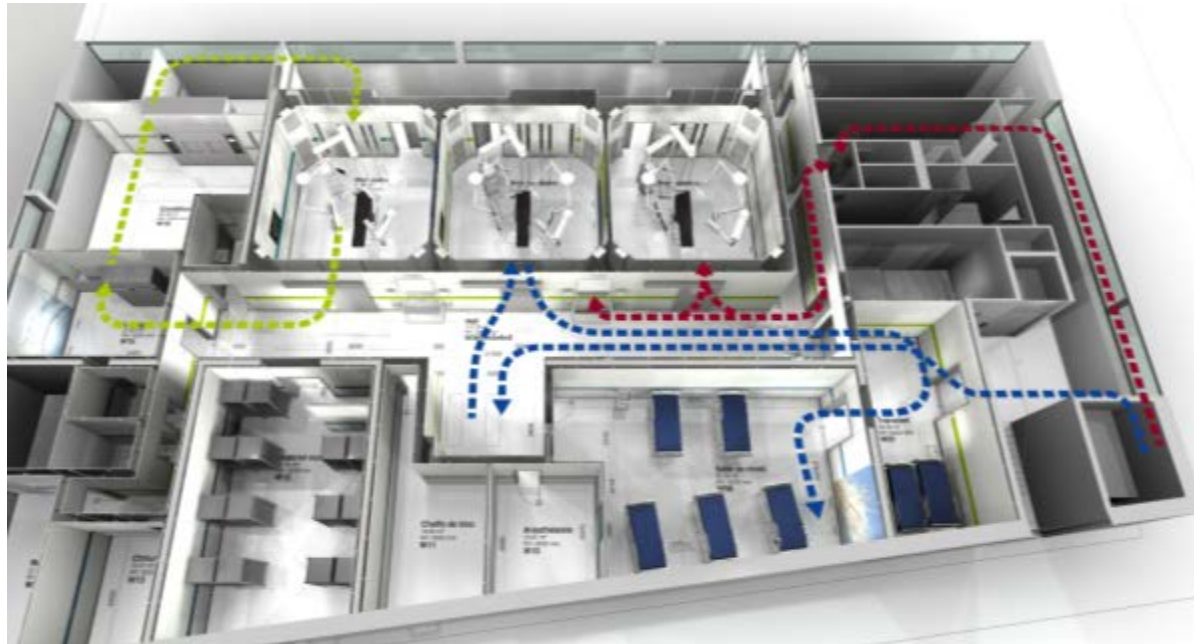


- Future-oriented concepts for hospitals
- Flexible room systems VARIOP, Glass wall system and VARIWARD:
 - Key products for the project business
- Getinge Hospital Solutions:
 - Process-optimized solutions which guarantee an optimal use of resources as well as the best possible medical treatment of patients

Consultancy and Workflow



- Getinge Hospital Solutions (GHS) develops **future-oriented concepts** for hospitals
- The flexible room systems are the key products of the project business
- Our flexible room systems adapt to **all spatial conditions**. They are suitable for new **buildings** as well as **modification and expansion projects**
- GHS provides **process-optimized solutions** which guarantee an **optimal use of resources** as well as the best possible medical treatment for patients
- The **patient, personal and instrument flow** in OR departments are subject to intensive analysis. In this way, resources can be employed more efficiently and cost-effectively



- Patient flow
- Staff flow
- Instrumental flow

The workflow in the hospital is analyzed by Getinge specialists.



- **3D planning** gives the customer a realistic impression of his project
- The software enables the user to evaluate the necessary spatial requirements and to choose the favored equipment



Consultancy and workflow

INSIGHT – Efficient Workflows throughout the Hospital

GETINGE GROUP



- Provides relevant information to effectively manage the flow of patients in real-time
- Streamlining clinical workflows
- Helping hospitals improve clinician and patient satisfaction
- Improved interdepartmental communication
- Four components: Emergency, Surgical, ICU, Patient Ward



Room

Room Modular room system VARIOP

GETINGE GROUP



The flexible room system **VARIOP** is the key product for the project business



Room

Modular room system VARIOP



- Practice proven at 6.000 locations worldwide
- The fully-integrated modular system adapts to all spatial conditions
- VARIOP provides an innovative approach to room design and construction
- Incredible flexibility, allowing hospitals to add and remove equipment according to their requirements and needs
- Short installation phase saves time and money
- Eliminates the need to tear down walls and to interrupt patient care by closing rooms from use for weeks
- Improves hygienic conditions and therefore lowers the risk of infection



Room Modular glass wall system

GETINGE GROUP



As a consequential further development of VARIOP, GHS offers a **Glass Wall System**.



Room

Modular glass wall system



- With its glass solutions, GHS continues to build on its proven modular structure, thus ensuring compatibility with existing room systems
- Due to the nature of the material and the low number of joints, glass is easy to clean and ensures hygienic conditions
- Owing to a wide variety of design and backlighting options, the use of glass creates an appealing atmosphere



Room Modular room system VARIWARD

GETINGE GROUP



The modular room system **VARIWARD** is very suitable for the use in the Intensive Care Unit.



Room

Modular room system VARIWARD

GETINGE GROUP



- Fully integrated **modular wall system**
- Suitable for all sensitive areas
- Short construction time with quick and easy installation
- Adapts to changing customer needs as well as future trends in technology
- Complies with stringent hygiene requirements
- Various design possibilities **contributing to a healing environment**



Equipment



Digital OR Integration System

Anesthesia Systems



Ceiling Supply Units

Heart-Lung Assist Devices

Clinical Logistics Systems

Perfusion Systems

Operating Lights

Modular Room System

Suction Pumps

.....

Products for Complex Aortic Surgery Reconstruction

Operating Tables

Products for Coronary Artery Bypass Surgery

Project Management



- Getinge Hospital Solutions has **long-term experience** with large hospital projects
- GHS goes along the customer from the very first hour of the project
- A professional committed team of specialists provides expertise
- The coordination of all involved parties is carried out by GHS's project managers
- The customer has only one contact person during the entire project
- GHS keeps to the agreed time-line and budget

salvagnini

Production



- Getinge relies on an innovative technology and the most state-of-the-art manufacturing equipment
- A consistent high product quality is self-evident



VARIOP
INSTALLATION TEAM

Installation



- The installation is carried out by a team of experts
- VARIOP elements are easy to assemble and disassemble



Successfully realized projects



Facts:

- Scope VARIOP:
 - 6 Operating Rooms
 - Induction
 - Corridor
- Equipment Getinge:
 - OR Tables
 - OR Lights
 - OR Integration TEGRIS



Facts:

- **Scope VARIOP:**
 - 3 Operating Rooms
 - Recovery Room
 - Sterile Storage
 - Cleaning and Sterilization
- **Equipment Getinge:**
 - OR Tables
 - OR Lights
 - Pendants
 - Monitor VIEWPORT







Facts:

- Scope VARIOP:
 - 11 Operating Rooms incl. Ancillary Rooms
 - Recovery Room
 - Waiting Room
 - Corridor
- Equipment Getinge:
 - OR Table
 - OR Lights
 - Pendants
 - OR Integration TEGRIS





Facts:

- **Scope VARIOP:**
 - 7 Operating Rooms (including one Hybrid-OR)
 - 18 Ancillary Rooms
 - 1 Recovery Room
 - 1 Holding Area
 - Corridors
- **Equipment Getinge:**
 - OR Tables
 - OR Lights
 - Pendants
 - OR VIEWPORT, OR VIEWSTATION



Facts:

- Scope VARIOP:
 - 4 Operating Rooms
 - Induction
 - Sterile Storage
 - Corridor
- Equipment Getinge:
 - OR Tables
 - OR Lights
 - Pendants



East-Tallinn Central Hospital, Tallinn Estonia

GETINGE GROUP





Facts:

- Scope VARIOP:
 - 2 Operating Rooms
 - 1 MRT-Room
 - Control Rooms
 - Corridors
- Equipment Getinge:
 - OR Tables
 - OR Lights
 - Pendants
 - OR Integration TEGRIS





Facts:

- Scope VARIOP:
 - 9 Operating Rooms (including 2 Hybrid-OR)
 - 10 Intensive Care Units
 - 3 Emergency Rooms
- Equipment Getinge:
 - OR Tables
 - OR Lights
 - Pendants
 - OR Integration TEGRIS

Yonemori Hospital, Kagoshima Japan

GETINGE GROUP



Yonemori Hospital, Kagoshima Japan

GETINGE GROUP





Facts:

- **Scope VARIOP:**
 - 8 Operating Rooms
 - 3 Cath labs
 - 4 Day Surgery Rooms
 - Ancillary rooms
(Scrubs, utility rooms, preparation rooms and control rooms)
- **Equipment Getinge:**
 - OR Tables
 - OR Lights
 - Pendants

Hospital Farrer Mediplex Singapore

GETINGE GROUP





Facts:

- **Scope VARIOP:**
 - 1st phase: 6 Operating Rooms including Corridor and Central Sterile Storage
 - 2nd phase: 6 Operating Rooms including Corridor and Central Sterile Storage
- **Equipment Getinge:**
 - OR Tables
 - OR Lights POWERLED
 - Pendants





Facts:

- Scope Maquet VARIOP:
 - 2 Operating Rooms
 - Intensive Care Units
- Equipment Maquet:
 - OR Tables
 - OR Lights
 - Pendants
 - OR Integration TEGRIS





Facts:

- Scope Getinge VARIOP:
 - Hybrid OR including an air supply ceiling and built-in cabinets
- Equipment Getinge:
 - OR table system (combination of MAGNUS with floor-construction carbon-fiber table top and Siemens Artis zeego)
 - Pendants: PLG and ALPHAPORT
 - OR lights POWERLED
 - OR IntegrationTEGRIS





Facts:

- Scope Getinge VARIOP:
 - 17 Operating Rooms including Ancillary Rooms
- Equipment Getinge:
 - OR Tables
 - OR Lights
 - Pendants
 - Control Panel





Getinge setting the standards
in the CSSD



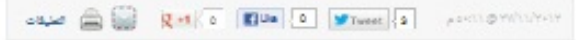
Facts:

- Scope Getinge VARIOP:
 - 3 Rooms: Cleaning & Washing, Sterilization and Storage



الأحساء | مستشفى الولادة والأطفال

قسم التعقيم في مستشفى الولادة والأطفال في الأحساء يعتمد كنموذج "عالمي"



الأحساء – عبدالهادي السماعيل

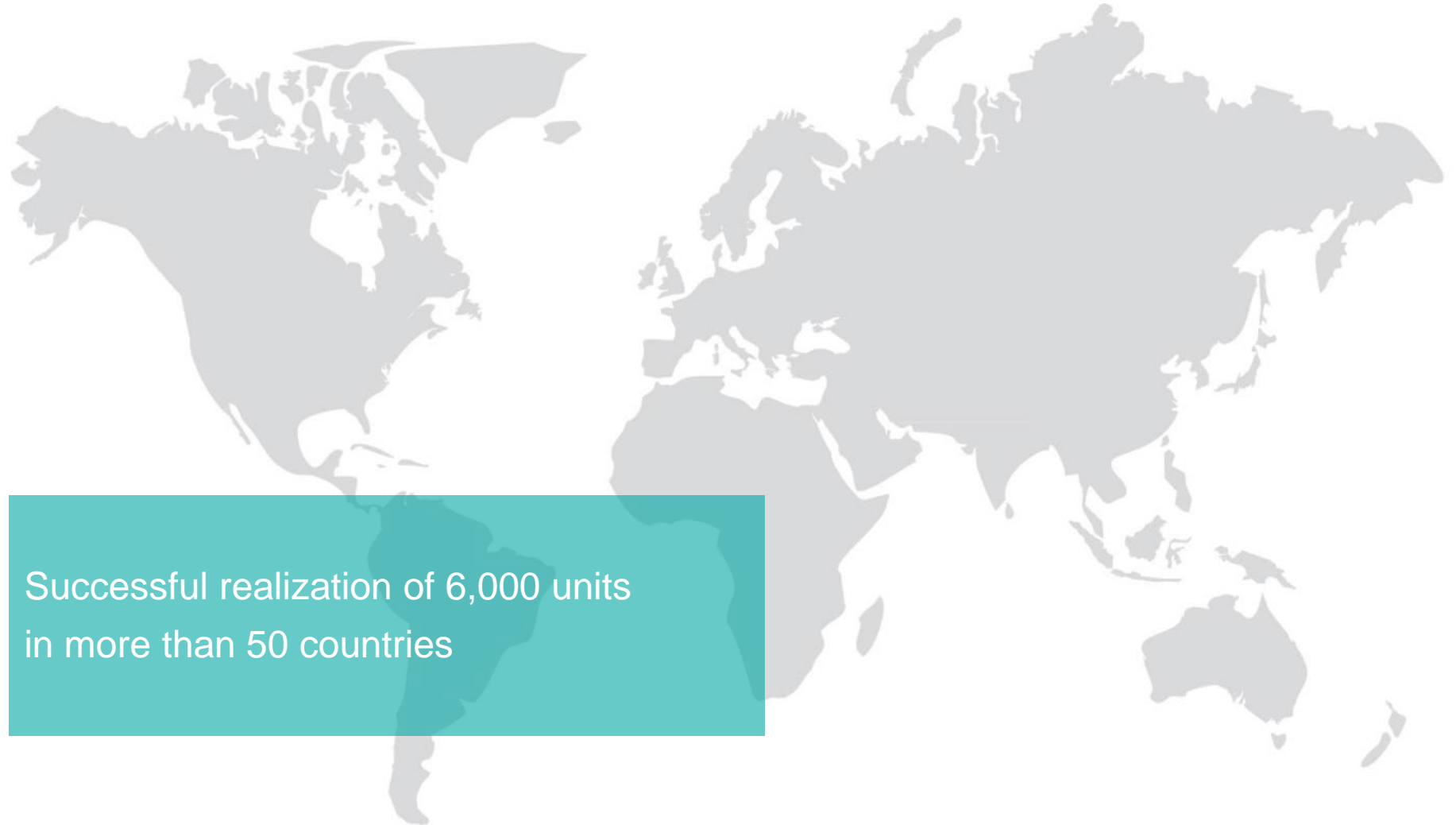
Facts:

Getinge VARIOP was declared by the ministry of health (MOH) to be “**THE standard** in equipping central sterile supply departments”

اصعدت مؤخراً شركة مائية الألمانية مشروع التعقيم في مستشفى الولادة والأطفال في الأحساء، كمرجع نموذجي لأهم مشروعاتها العالمية، ونشرت صوراً للمشروع على موقعها الإلكتروني.

وفي هذا الصدد، أوضح مساعد مدير الشؤون الصحية المحلي والإداري عبدالحميد العبير أن إعداد المشروع تم وفق المعايير العالمية الحديثة لأقسام التعقيم التي تراعي أهم تفاصيل مكافحة العدوى في المنشآت الصحية، كما تمت مراعاة توزيع مناطق التعقيم بما يتوافق مع حركة الآلات من صلبها بالمنطقة غير النظيفة إلى تخزينها في المنطقة المعقمة.

وأشار المهندس المشرف على المشروع على الحجي إلى أن المشروع مكون من أجهزة طبية أهمها أجهزة الغسيل والتطهير، وأجهزة التعقيم بالبخار، وأخرى غير طبية أهمها ألواح الجدران والأسقف المصنوعة من الاستانلس ستيل، وأنظمة تلبية الهواء، وأن كل هذه الأجهزة تم تصنيعها وتركيبها من قبل الشركتين الرائدتين علمياً في هذا المجال “جيتنج السويدية” ومائية الألمانية، كما وضح مدير الشؤون الصحية للإعداد أحمد الرصاصي أن المشروع لن يكون الوحيد المصنّف في المحافظة، فهناك مشاريع مماثلة لن تترك عن مستوى هذا المشروع المميز.



Successful realization of 6,000 units
in more than 50 countries

Thank you!

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www.getingegroup.com

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Getinge Group is a leading global provider of innovative solutions for operating rooms, intensive-care units, hospital wards, sterilization departments, elderly care and for life science companies and institutions. With a genuine passion for life we build quality and safety into every system. Our unique value proposition mirrors the continuum of care, enhancing efficiency throughout the clinical pathway. Based on our first-hand experience and close partnerships, we are able to exceed expectations from customers – improving the every-day life for people, today and tomorrow.
