

TRANSFORMING HEALTHCARE

Transforma Modular archetictural solutions, made to improve your experience in healthcare environments.

www.transformahealthcare.com

MISSION

Blending 15 years of experience in medical infrastructural systems, and medical equipment, Transforma develops modular solutions **DESIGN**, capable of adapting to latest technology of medical equipment in healthcare facilities.

Transforma Team of experts defines the base line of healthcare modular solutions, by altering and utilizing the latest technology hygienic material finishes, to healthcare facility environments all **TO TRANSFORM YOUR IDEAS INTO REALITY AND ACHIEVE YOUR UTMOST EXPECTATIONS**.

From the orientation of the walls and Ceiling, to the lighting patterns, along with the positioning of the furniture as well as that of the requisite built-in technologies; Transforma continiously aims to create the ideal and optimum modular solution.

TRANSFORMING SPACES, ENHANCING CARE INNOVATIVE DESIGN FOR HEALTH & HEALING.



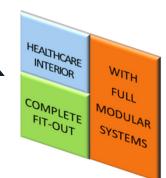
OUR VISION

The current healthcare facilities have deep impact on care providers as well as patients and visitors. Latest medical technology adaptation, discomfort, and cross infection resemble the daily challenges of the healthcare sector.

FUNCTIONALITY, PRIVACY, COMFORT AND HYGIENE, are the substance elements of transforma MODULAR Healthcare solutions.

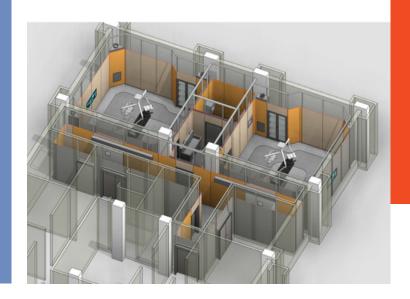


SOLUTIONS WE OFFER



TRANSFORMA
OFFERS YOU
THE COMPLETE
TURN-KEY SERVICE
PACKAGE

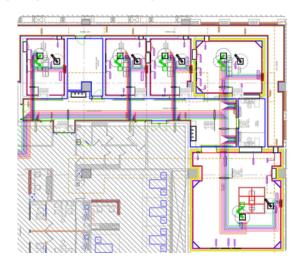
from proposal of concept designs that meet your taste and budget, to developing to developing and physically installing the customized modular solution that suits your best interest.



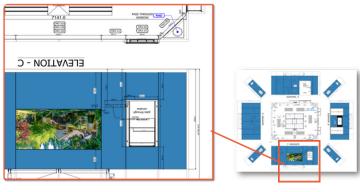


DESIGN CAPABILITIES

- DESIGN SUGGESTIONS
- MEP CO-ORDINATION DRAWING
- ARCHITECTURAL SHOP DRAWING
- 3D VIEWS
- 3D WALK THROUGH VIDEOS
- AS-BUILT DRAWING

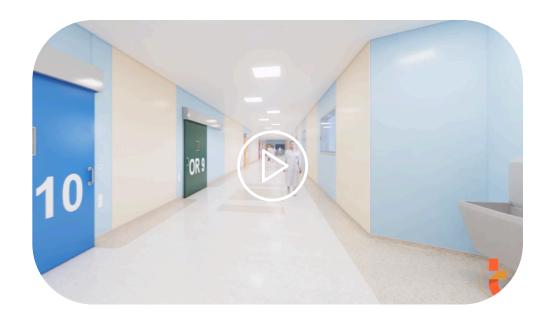












DESIGN CAPABILITIES

01. BRAINSTORMING

Transforma relies on a team of highly experienced and **SPECIALISED ARCHITECTS** in the field of healthcare interiors; the architects will utilize their vast experience and flexibility to tailor the most suitable concept you desire by carefully taking into consideration all your needs and requirements from a healthcare perspective. It's your project, but we care too!

02. DESIGN

Our team will develop the layouts considering all the technical aspects, at the same time complying with the latest international standards & local applicable regulations. The same shall be verified with proper survey on site to deliver the accuracy and precision, from which the team of architects would be able to perform a 3D model (virtual 3D Rendering visualization) representing the details and material.



REALIZATION



03. INSTALLATION

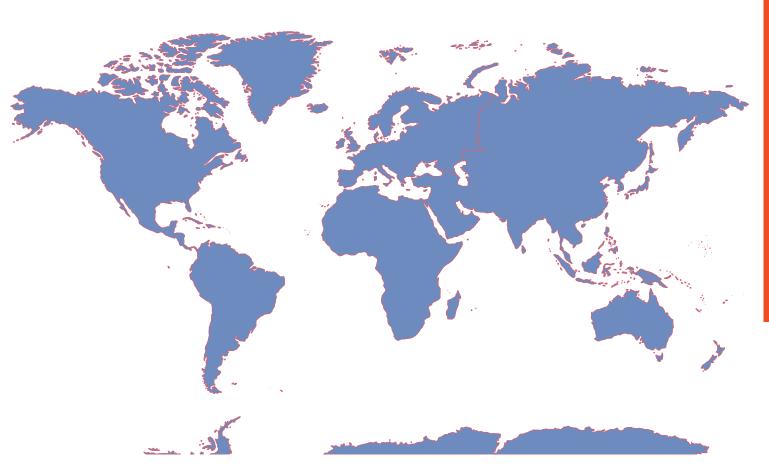
Once the 3D Model is approved, the production phase starts, where every MODULAR element is manufactured using the latest production technologies. The on-site installation is performed straight forward by specialized team, in coordination with all the other Medical and MEP systems, ensuring a final optimal result and giving shape to your ideas, that come to reality.

04. ASSISTANCE

Transforma will support you throughout the whole investment cycle, from its inception, through all the phases up to the works completion: cost controlling, BOQs, Materials ordering supporting you and your staff in making you fit-in perfectly with our solutions and give you complete mastery of their use. Our constant support will allow you to overcome any possible difficulties with your project.



PROJECT REFERENCE



- Solca Hospita Ecuador
- Ortus Hospital UAE
- Burjeel Royal Hospital -UAE
- Burjeel Day Care Al Reem Island UAE
- Al Bustan Hospital UAE
- Tawam Hospital, PICU rooms- UAE
- Al Qassimi Hospital Project & Sleep Lab UAE
- Al Qassimi Mother & Child Hospital
- Lebano France Hospital Lebonan
- Mazaya Hospital- Kuwait
- Sheikh Khalifa Central Hospital- UAE
- Mirdiff Private Hospital- UAE
- Al Rahaa Hospital- UAE
- Kalba Project- UAE
- RAK Dialysis- UAE
- Military Hospital-ZAMBIA
- Hamdaniya ICU, Iraq
- University Hospital Egypt
- Ismailiah Hospital- Egypt
- Luxor Hospital- Egypt
- · Ismailiah Dental Hospital- Egypt
- Barho Calabar Hospital Nigeria
- Sharora Hospital project KSA
- Madinah Hospital Project KSA

- Irbid Speciality Hospital Jordan
- Najah Hospital Palestine
- Dar Al Oum Porject- KSA
- Salamaniya Medical Complex- Bahrain
- PHI Medical Clinic Qatar
- Sabah Speciality Hospital UAE
- Plastic Surgery Hospital Project Qatar
- Elemental Hospital Project UAE
- Dallah Hospital Project- KSA
- Al Ahli Hospital Qatar
- Hospital Project Indonesia



PROJECT REFERENCE



- Sacred Heart Hospital, Jalandhar, Punjab
- Chandra Lakshmi Hospital , Ghaziabad, Uttar Pradesh
- Dr. Velan Hospital, Trichy, Tamilnadu
- MRR Childrens Hospital, Mumbai, Maharashtra
- Thangam Hospital, Namakkal, Tamilnadu
- IGIMS- Phase 1, Patna, Bihar
- KR Hospital, Coimbatore
- North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences (NEIGRIMS), Shillong, Meghalaya
- BMCRI, Bengaluru, Karnataka
- IGIMS- Phase 2, Patna, Bihar
- IGIMS- Phase 3, Patna, Bihar
- Fortis Hospital Project, Noida, Uttar Pradesh
- KMCH Hospital (Kovai Medical Center and Hospital), Coimbatore

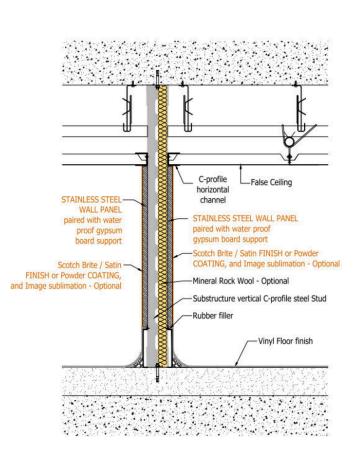
STAINLESS STEEL WALL PANEL

Stainless steel offers numerous benefits, making it a popular material across various industries. Here are some key advantages:

Transforma provides a modular wall panel system designed and manufactured for specific use in operation rooms and other areas in hospitals; the panels are manufactured with high precision using **Stainless Steel AISI 304** with an antimicrobial powder coated surface finish resistant to living organisms and chemical substances backed with **Anti-Humidity gypsum plasterboard**; 12.5 mm.

We use the following types of stainless steel for wall production:

- · 1 MM THICKNESS STAINLESS STEEL AISI 304.
- Powder-coated stainless steel AISI 304 is available in any color from THE RAL COLOR PALETTE



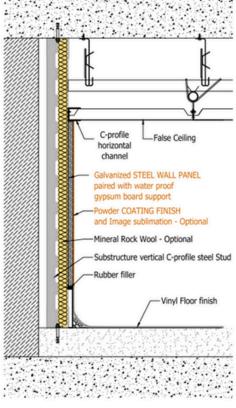


GALVANIZED STEEL WALL PANEL

Transforma provides a modular wall panel system designed and manufactured for specific use in operation rooms and other areas in hospitals; the panels are manufactured with high precision using Galvanized Steel ST02 with Zinc Z275 coating and chromate surface treatment with Powder coated surface finish resistant to living organisms and chemical substances with an antimicrobial powder coated surface finish resistant to living organisms and chemical substances backed with Anti-Humidity gypsum plasterboard; 12.5 mm. We use the following types of stainless steel for wall production:

- · 1 MM THICKNESS GALVANIZED STEEL.
- Powder-coated stainless steel is available in any color from THE RAL COLOR PALETTE



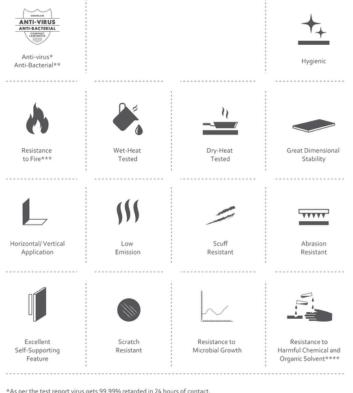


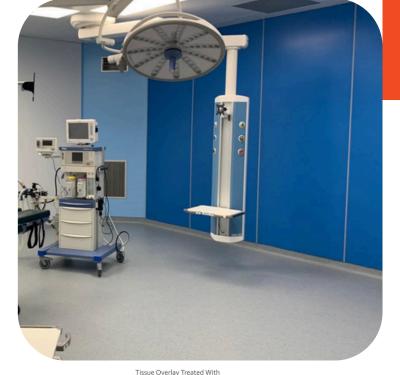


HIGH PRESSURE LAMINATE (HPL)

Transforma provides a modular wall panel system designed and manufactured for specific use in operation rooms and other areas in hospitals; the panels are manufactured with high precision using High Pressure Laminate (HPL) solid boards with an antimicrobial surface finish resistant to living organisms and chemical substances.

10 MM THICK HPL PANEL; SOLID CORE, BOTH SIDE LAMINATED

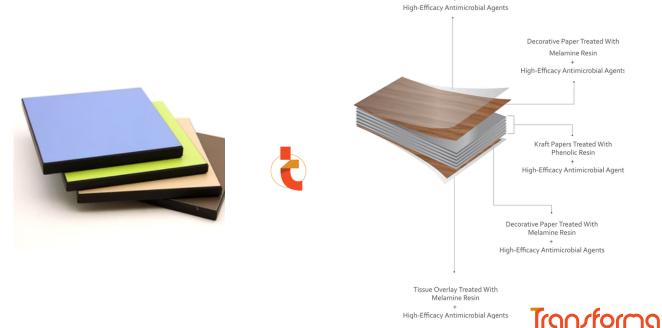




Melamine Resin



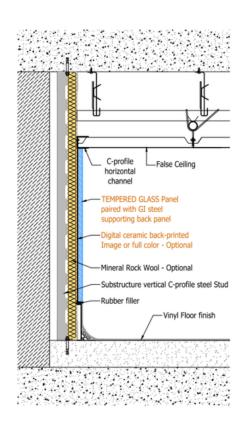
^{**}As per the test report bacteria gets 99.99% retarded in 24 hours of contact.



GLASS WALL PANEL

Transforma provides an aesthetic modular wall panel system designed and manufactured for specific use in operation rooms and other areas in hospitals, suiting the specific requests of clients in terms of colors and designs by also maintaining the required hygiene standards; the panels are manufactured with back-printed/back-painted tempered glass with special steel support.

TEMPERED GLASS OF 10MM THICKNESS











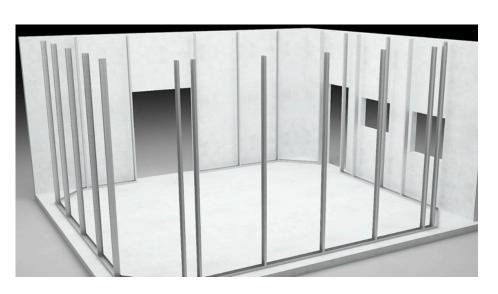


WALL PANEL TECHNOLOGY

The total thickness of the wall panel is 14 mm with a set of alternating screw hole bends on the perimeter of the wall panel (alternating between adjacent panels to enable the modularity status and the ability to remove a single wall panel without adjusting any of the surrounding panels.

The Wall Panels are mounted on 2mm Thickness Galvanized Steel Substructure. The supporting structure has a width of at least 100 mm in order to support any required electrical, medical gas, screens or accessories needed to be placed in any specified location of the operation theater. Transforma wall panel installation system allows the customer to customize the wall design upon request; the wall size, thickness, panel distribution, height and location of the accessories is customizable.

The 6mm Gap will be closed with a removable joint profile (Food Grade) made of white or Grey Colored silicone rubber. The joint profiles of 6 mm and will be closed airtight and flush mounted into the wall panels. The silicone rubber joint profiles is resistant against all hospital-approved detergents and germicides. Gasket resistant to detergents, bactericides, water, steam and disinfectants.









OTHER CEILING COMPONENTS

FALSE CEILING TILES:

An air tight clip-in ceiling system with powder coating surface finish specifically created for use in operation rooms and critical areas in the hospital premises. The system also be easily accessible for quick and easy maintenance; where one panel could be removed easily without having to remove any of the surroundings, and finally the system is built to be compatible with all other ceiling systems and accessories; such as lighting and ventilation systems.

Size: 600 x 600 mm



Transforma provides a unidirectional Operation Room ceiling filtration system that offers a controlled distribution of filtered air, thanks to absolute filters positioned above the operating theater. The frame and filters are made of Stainless Steel AISI 304/ anodized aluminum with H14 filters, with all pieces fixed together in a perfectly planar manner for ease of cleaning. The diffuser is modular to make transportation and installation operations easier in the case that the system is not supplied as one piece.

Size: As per NABH Standard

IP65 CEILING LIGHT:

Transforma offers the following variation of Ceiling lights:

- IP65 Ceiling with on/off driver
- IP65 Ceiling light with DALI Dimmable Driver
- IP65 Ceiling light with Analogue Driver
- IP65 Ceiling light with RGB LED DMX Driver









SURGEON CONTROL PANEL:

A built-in flush mounted touchscreen surgical control panel solution that matches the modular wall panel solution provided in Operation rooms and other areas requested by clients for the monitoring and control of several systems in the room; from lighting, ventilation, medical gas, humidity, pressure, alarms, time, stopwatch, and other customizable controls requested by the client

The following are the options:

- 21" TOUCH SCREEN CONTROL PANEL
- MEMBRANE TYPE CONTROL PANEL









XRAY VIEWER:

Transforma provides a built-in flush mounted X-ray viewer solution that matches the modular wall panel solution provided in Operation rooms and other areas requested by clients. The LED technology used in the specialized X-ray viewers allows for a longer lifetime, lower energy consumption and provides the type of light that is more suitable to read X-ray films with no flickering to reduce the possibility of causing any eye fatigue for the user.

- DOUBLE PANEL X-RAY VIEWER
- TRIPLE PANEL X-RAY VIEWER



STORAGE CABINET:

Transforma Healthcare offers a range of Operation theater storage cabinets, tailored for the specific needs of clients; standard cabinet sizes are available alongside the ability to adjust and tailor shape and size of the cabinets.

Transforma has selected to realize the storage cabinets using Stainless Steel AISI 304 material that is anti-corrosive and capable of handling the rigorous hygiene detergents used in Operation Rooms.

The cabinets can be produced with scotch-brite fine finishing or any RAL colored antimicrobial powder coating, selected to the preference of the client.

Width: 1180 mm x Depth: 450 mm x Height: 2,150 mm

Shelves: 4 height adjustable



PASS THROUGH CABINET WITH INBUILT UV LIGHT:

Transforma Healthcare offers the solution of a Pass-through Cabinet with a simultaneous automatic interlocking system that will only allow the cabinet doors -on both ends- to be accessed simultaneously. Transforma has selected to realize the Pass-through Cabinet using Stainless Steel AISI 304 a material that is anti-corrosive and capable of handling the rigorous hygiene detergents.

• SIZE : CUSTOMIZED AS PER THE PROJECT REQUIRMENT.





DOORS:

Transforma provides a wide range of sliding door solutions to satisfy the specific needs of clients in different areas of a hospital in the following variations :

- AUTOMATIC SLIDING DOORS
- AUTOMATIC HINGED DOORS
- MANUAL SLIDING DOORS
- MANUAL HINGED DOORS

Material Finishes:

- AISI 304 STAINLESS STEEL
- HIGH PRESSURE LAMINATE
- PPGI
- Door leaf thickness: 40 mm
- Fix stainless steel handles on both sides.
- Stainless steel hinges.
- Touchless switch button on each side (2 u.)
- Foot switch button on each side (2 u.)
- Double glazed flush window WxH 400x400 mm. composed by 2 laminated glasses







AUDIO VIDEO INTEGRATION SYSTEM:

Schedule, Stream, Control, record, archive, route, integrate PACS HIS*, flush mount / wall mount inside the operating room.

- Intuitive & user friendly Graphic User interface
- Audio and Video streaming to workstations / mobiles / tablets at any location inside the hospital network
- Simultaneous 2 Channel recording with Audio- side by side mode / single mode FHD
- WHO Safety Checklist
- Audio feedback for key user actions to enhance patient safety
- Conduct Video conferencing and share any connected camera feed with a live audience
- Swivel-mounted washable silicone keyboard tray
- Front inputs for convenient connections to Medical devices
- Control via footswitch
- Integrate with HIS systems to import surgical worklists (HL7 ORM, HL7 ADT)





SCRUB SINK:

Transforma provides a range of hospital specialized scrub sinks with anti-splash and anti-stacking fluid tank design. The sinks are produced in three different standard sizes and two different material finishes to satisfy the requirements of the clients; the possibility of customization is also available when needed. :

- SINGLE BAY SCRUB SINK
- DOUBLE BAY SCRUB SINK
- TRIP BAY SCRUB SINK

Material Finishes:

- AISI 304 STAINI ESS STEEL
- High Back Splash.
- Perforated Drain Board.
- Sensor Operated Water Flow Control System.
- Knee Operated Water Flow Control System.
- Sensor Operated Soap Dispenser.
- Elbow Operated Soap Dispenser.
- 5 Ltr different Tank; Soap & Betadine
- Front Panels are Easily Openable for Maintenance.
- Welded Fabrication in Tungston Gas





CEILING PENDANT

CEILING SUPPLY UNITS:

Transforma provides tailored ceiling mounted Pendant and Columns in accordance with your needed duties. Our Solutions apply to Surgical and Anaesthesia application as well as in ICU Units, Neonatology, Recovery Rooms, and Emergency Room. With an especially high load capacity and a wide range of configuration to choose from our ceiling supply unit offers virtually unlimited horizontal and vertical positioning options for your workstation.







SINGLE ARM SUPPLY UNITS

RIGID CEILING SUPPLY UNITS

Accessories

- · Electrical Socket: 8 Pieces
- · Rail Rack: 2 Pieces
- · Shelves
- · IV Pole
- DrawerData socket (RJ45)
- Medical gas outlets (BS, DIN, AF) Features
- · Material : High Strength Aluminium Extrusion
- · Application : Hospital, Clinical Purpose
- · Optional electromagnetic and pneumatic brake system



ICU/NICU BRIDGE PENDANT



MOTORIZED CEILING SUPPLY UNITS

Comply: IS/ISO 11197: 2019, IS/ISO IEC 60601-1:2015 + A1: 2020 IS/ISO 7396-1: 2016 + A1: 2017. IS ISO 9170-1:2017

IS/ISO 19054: 2005 + A 1: 2016 (Medical Rail)





NURSE CALL SYSTEM

Wireless Nurse Call system:

• Alerts on Nurse call, Housekeeping, and F&B call.Wireless system helps fast, instant support and easy to access. Data and Overview of calls and response time.

Cost Effective Solution:

The Transforma system is completely modular and can be configured according to your needs. Since the Transforma system is completely battery operated, there are no installation costs or wiring charges even for plug points.

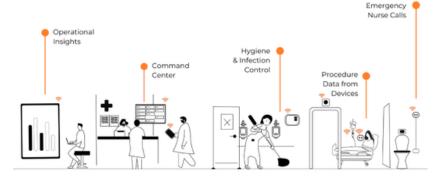


Easy maintenance :

Unlike any other system, Transforma devices can be reconfigured for use on any bed, making for hassle-free maintenance and adjustments. Our mobile application reduces system downtime if some units are faulty.

Data at your fingertips

The Transforma nurse call system implements a long-range RF network, making it one of the most reliable wireless systems available on the market. Cloud-based monitoring includes data for each unit, all missed patient calls and mobile data and service details are available on your mobile phone.



Easy to configure

Very easy to install and configure because Transforma system is completely battery operated.



























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