



We offer complete design, build and maintenance services to deliver our clients fully-finished, cost-effective and high performance buildings

MODCON

TURNKEY FACTORY-BUILT CONTRACTOR

HEALTHCARE . SCHOOLS . MIXED-USE . RESIDENTIAL . HOTELS

CAPABILITY STATEMENT

Modcon is inspired by the endless potential of
Modular Construction
Prefabricated Prefinished Volumetric Construction (PPVC)

UAE | OMAN | KSA | INDIA | JORDAN | KENYA | UK | GERMANY



info@modconslc.com | www.modconslc.com



WHO WE ARE

We are a leading provider of Design & Build Solutions and a pioneer of modular construction in the MENA region & India

Modcon was incorporated in **2005** with capabilities to provide specialist services to the construction industry. Since then the company has grown continually over the years by taking a professional approach and focusing on the **development of new technologies**. Today, we offer turnkey design and build solutions for hospitals and are capable of **providing turnkey solution to hospitals, schools, residential, mixed-use and others** in the Middle East, Africa and India.

Our in-house innovative **Factory-Built** methodology of construction assures our Clients worldwide a **Fast Track** procurement strategy and execution of projects.

Our construction capabilities covers projects on **green and brown fields/- conversions** – according to which our **multidisciplinary designers, engineers and factory teams** will conclude the Ultimate Construction Solutions at highest quality in time.

The organization is a family of over **1200 employees** with a global reach of **8 countries**.

FACTORY BUILT MODULAR CONSTRUCTION

DISTINCTIONS

FACTORIES

Dubai Industrial City 10,000 SQM

Dubai Techno Park 4,000 SQM

Dubai Industrial Park 3,000 SQM

Mangalore - India 3,000 SQM

Palakkad - India 3,000 SQM

Various Storage Facilities

15 years
EST. 2005



\$100M

Turnover in
2019



30+

Design, Research
& Development



1250+

Trained
Employees



300+

Finished
Projects



20

Cities
Project Spread



8

Different
Countries

OUR GLOBAL PRESENCE



UAE

P.O. Box 17 2544, Dubai
Tel: +971 4 2631308
Fax: + 971 4 263 1309



OMAN

P.O. Box 121, Muscat, Oman
Tel: +968 24128085
Tel: +968 91742686



KSA

P.O. Box 62628,
11595 Al-Olaya, Riyadh
Kingdom of Saudi Arabia



KENYA

P.O. Box 5538,
Nairobi, Kenya
Tel: + 254 752985675



JORDAN

P.O. Box 941 796,
Amman 11194, Jordan
Tel: + 962 6568 5755



INDIA

6/185 Ground Floor,
Defense Officers Colony, India
Tel: + 91 491 2971042



UK

Half House unit 5,
296a Green Lane Palmers
London- UK



GERMANY

Alte Marktoberdorfer Str 14
87616, Marktoberdorf
Germany



OUR CORPORATE PHILOSOPHY

The background image is a composite of two photographs. The left side shows a modern office interior with a curved staircase and a lounge area with orange and grey armchairs. The right side shows a hallway with a curved wall and a door.

At Modcon, we are excited that our vision to be the **First** choice in **Modular Construction** is coming through. After having established in UAE, Oman and India, we are now in Jordan, Kenya and Saudi Arabia.

Our Mission

Providing turnkey, comprehensive in house capabilities to deliver projects worldwide

Our Vision

To be the number one choice worldwide in prefabricated prefinished volumetric construction

WE DO DESIGN & BUILD

FROM INCEPTION TO COMPLETION

- Design and Modularization
- Architectural and Engineering Designs
- Construction : Civil, Architecture , MEP, IT...
- Medical Engineering
- Equipment and FF&E
- Maintenance
- Research & Development

HOSPITALS . CLINICS . LABORATORIES . SCHOOLS . MIXED-USE . RESIDENTIAL . HOTELS . LABOUR ACCOMODATION

OUR VERTICALS

01

Civil Construction

EXCAVATION | SHORING | DEWATERING
MASONRY | RCC

02

Modular Construction

MODULAR/PPVC | PRE-ENGINEERED
HOT-ROLLED | LIGHT GAUGE STEEL

03

Electro Mechanical Plumbing

HVAC | TESTING & COMMISSIONING
PLUMBING | FIRE FIGHTING | ELV/ELECTRICAL

04

Medical Engineering

MEDICAL GAS | MEDICAL OPERATING ROOM | P.T.S. | I.P.S.
NURSE CALL SYSTEMS | PENDANT | LEAD LINING & RF
SHIELDING | BED HEAD UNITS | CLEAN ROOMS

05

Joinery

DOORS | WINDOWS | FIXED CABINETRY
GENERAL & CUSTOMIZED FURNITURE

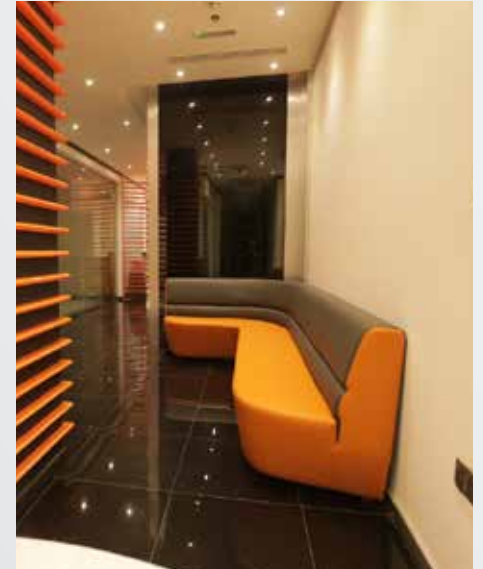
06

Fitouts

DRY WALL | GYPSUM
CEILING WALLS | FLOORING



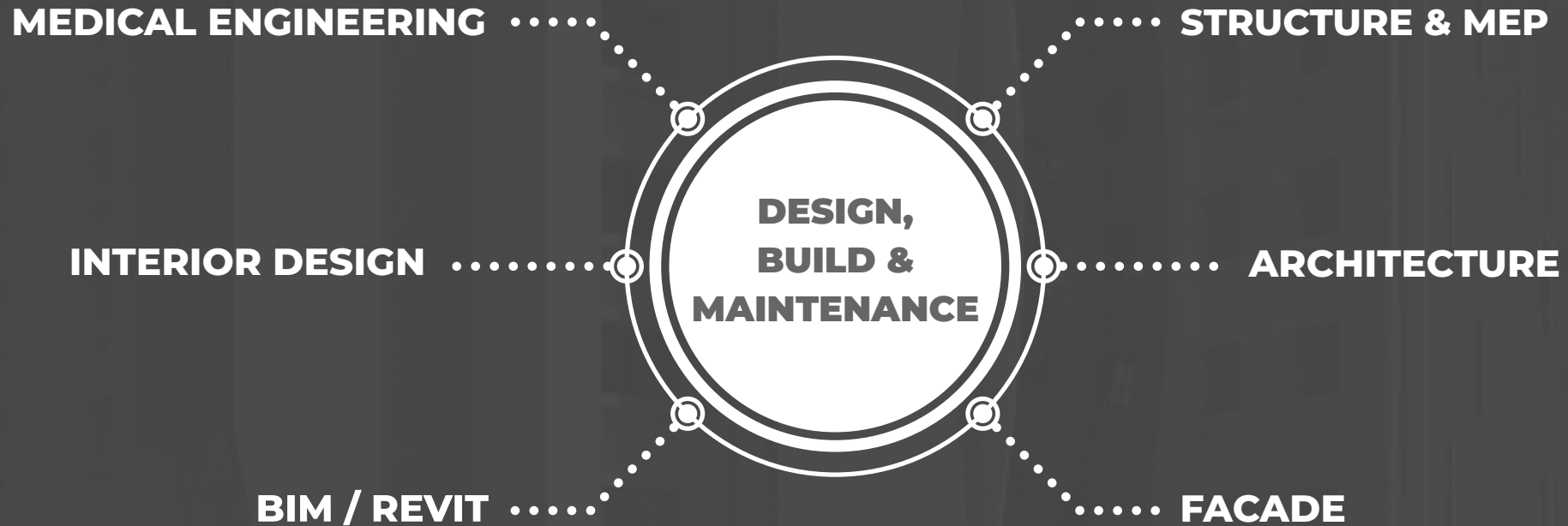
HEADQUARTER



FACTORIES



OUR IN-HOUSE DESIGN CAPABILITIES



OUR TOOLS

**AUTODESK
AUTOCAD**

**AUTODESK
REVIT**

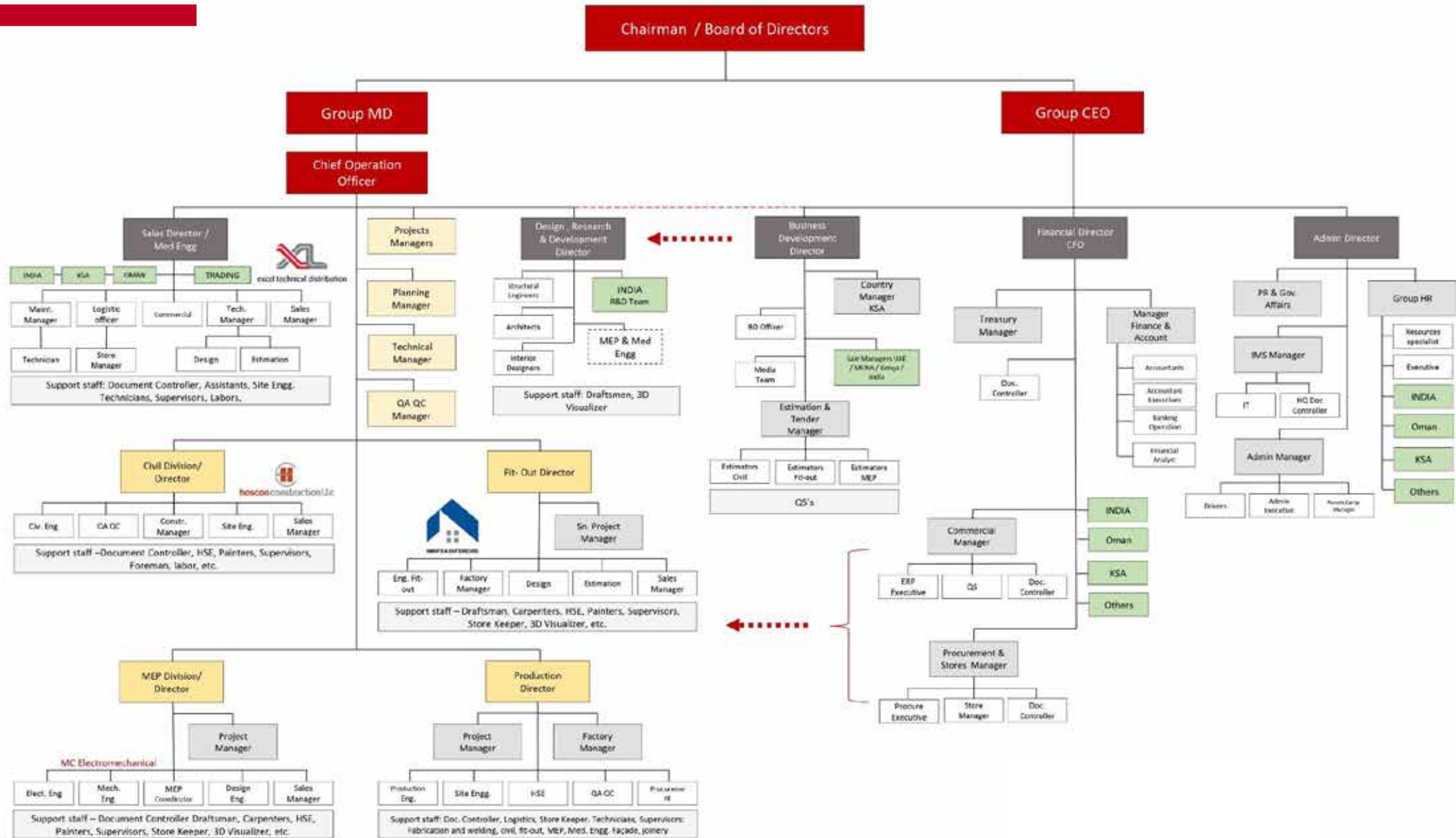
**AUTODESK
NAVIWORKS**

**TRIMBLE
SKETCHUP**

Group Companies



ORG. CHART



CONSTRUCTION METHODOLOGY

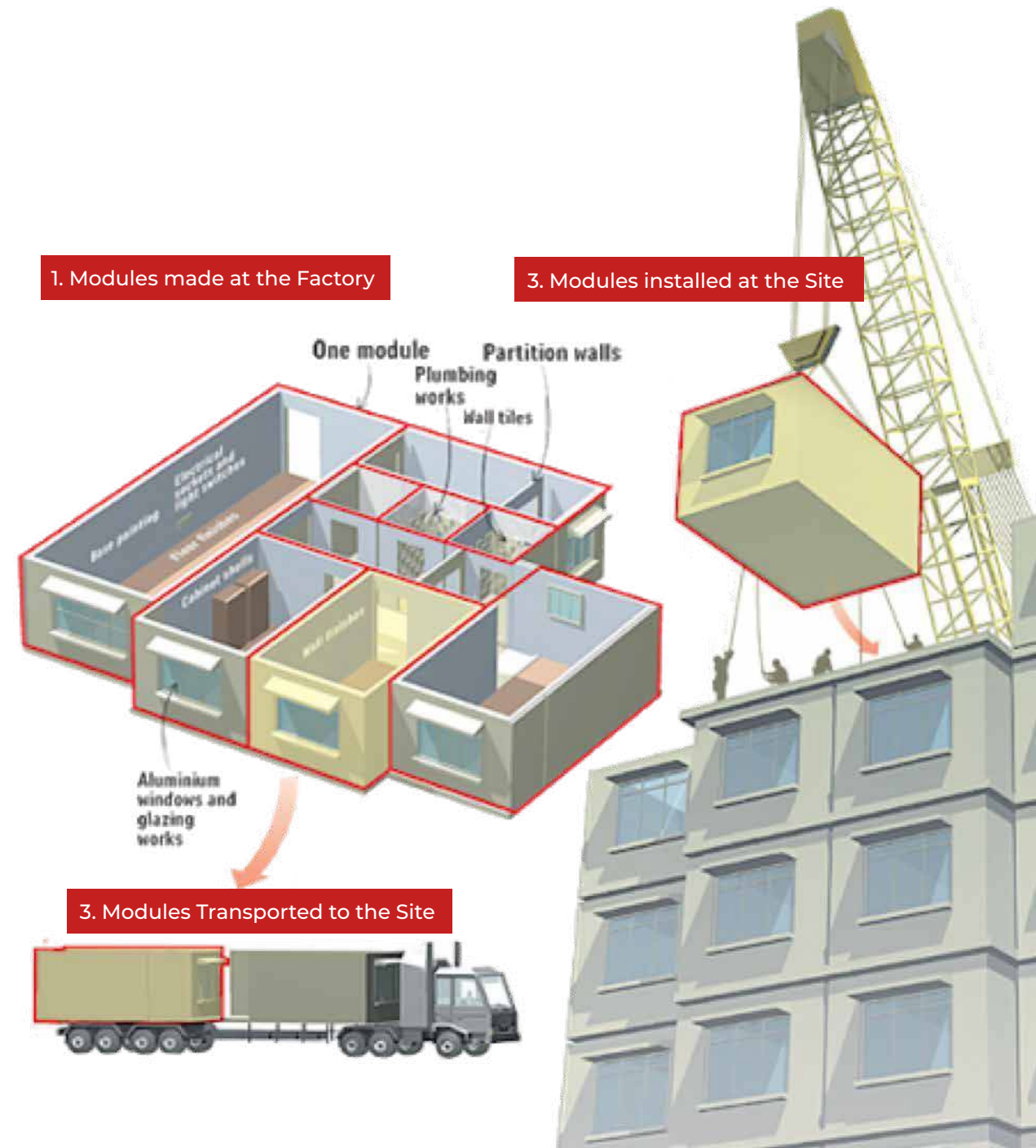
PREFABRICATED PREFINISHED VOLUMETRIC CONSTRUCTION

PPVC : is a construction method whereby **free-standing** volumetric modules made up of multiple units complete with internal finishes , fixtures and fittings are manufactured in factories and are then transported to work on site for installation in a **Lego-Like** manner (**complete with finishes** for walls, floors , ceilings Including MEP) are: constructed and assembled.

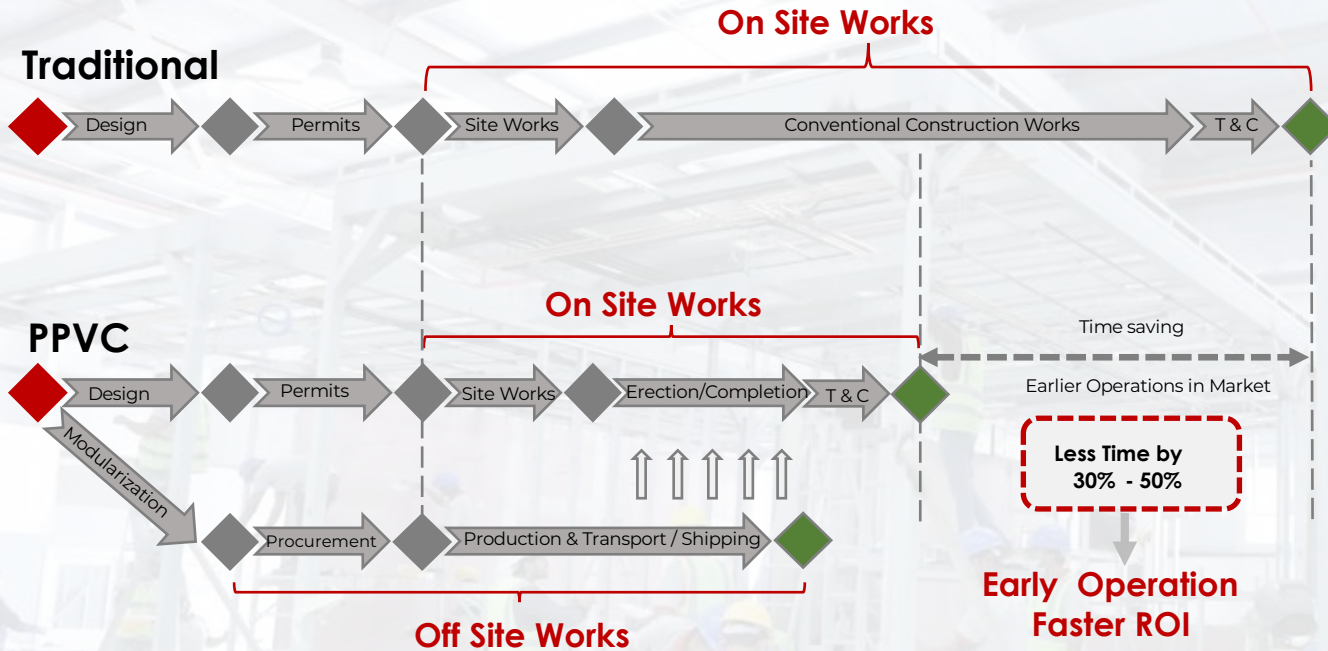
Game Changing: PPVC is one of the game-changing technologies that support the **Design for Manufacturing and Assembly DfMA** concept to significantly speed up construction

Structural Stability and Integrity: At Modcon modules structural grid is customized on project basis – **No Limitation**

Opportunity: Healthcare , Education, Housing , Offices ...



TRADITIONAL VS. PPVC



PPVC : P refabricated P refinished V olumetric C onstruction

OFFSITE

TRANSPORTATION

ONSITE

Procurement

Modules
Fabrication

Full Fit-Out

Shipment/
Transportation

Placement/
Erection

Service
Connection

Commissioning



WHY OUR MODULAR / PPVC ?

- **Single Source Construction** – All In-House & Expertise at ModCon
- **Immediate Mobilization** & Commencement of Works
- Building time **reduced by 30% – 50%** Vs Traditional Method
- Modules manufacturing in **controlled environment**
- **Safe conditions** for staff and work
- Possibility of **of 3 shifts** per day **in 24/7**
- No exposure to weather conditions - maintaining **quality & hygiene**
- **Integration** of MEP & Medical Engineering System - 95% fitted
- **Compliance** with Int'l Standard & **Adaption** to local, as needed
- Long **Life Span** up to **50 years**
- **Mobile Assets** and Flexibility to **relocate** or **expand**
- Very **Compatible** with **Combined Structural Systems**
- **Acoustic** Studies considered and tested
- Design considered **Seismic** provisions as per project location
- **Sustainability** in Manufacturing & Building



SUSTAINABILITY

*Our construction is customized to comply with
local and international codes of
Green Building/ Environmental Requirements*

MANUFACTURING SUSTAINABILITY

- Modular buildings are manufactured in controlled environments, **hygienic** , minimal exposure to outdoor weather conditions
- Modules building materials are **Recyclable**
- Offsite construction uses less energy , safer , **less emission of CO2** and Modular can be built to the exact same standards as traditional

BUILDING SUSTAINABILITY

- High Level of **thermal insulation** , efficient HVAC and control system for energy saving
- **Low VOC** Materials are used and minimal embodied carbon in materials , high strength to weight ratio, ease of deconstruction and re-use.
- **Acoustic** studies considered and tested off-site

... Indoor High-Quality of Air

IMS CERTIFIED

INTEGRATED MANAGEMENT SYSTEMS



ISO 9001 : 2015

QUALITY MANAGEMENT SYSTEM



ISO 14001 : 2015

ENVIRONMENTAL MANAGEMENT SYSTEM



ISO 45001 : 2018

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

Business Partners



HEALTHCARE











HEALTHCARE

Cont'd





HEALTHCARE

Cont'd



HEALTHCARE

Cont'd



HEALTHCARE

Cont'd



HEALTHCARE



HEALTHCARE

Cont'd



HEALTHCARE

Cont'd



HEALTHCARE

Cont'd



HEALTHCARE

Cont'd



MODULAR OTs

Cont'd



MODULAR OTs

Cont'd



ICUs & Imaging Dept.

Cont'd











Meditainer Containerized Medical Units for Indian Navy

Meditainer is Modcon Group's innovative containerized mobile medical emergency solution delivers a wide range of mobile medical units for emergency situations and areas with limited access to medical facilities.

Meditainer provides fully functional mobile medical ICUs, Operating rooms, sterilization units, CSSD, Medical Oxygen systems, X-Ray, Laboratory, Isolation Wards, Diagnostic Units, Dental units, Medical Wards, Generator Units and accessories to provide a fully functional and quickly deployable hospitals.



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- Construction : Civil, Architecture , MEP
- Medical Engineering

HEALTH CARE FACILITIES . EDUCATIONAL INSTITUTIONS . RESIDENTIAL . COMMERCIAL . HOTELS . MIXED-USE



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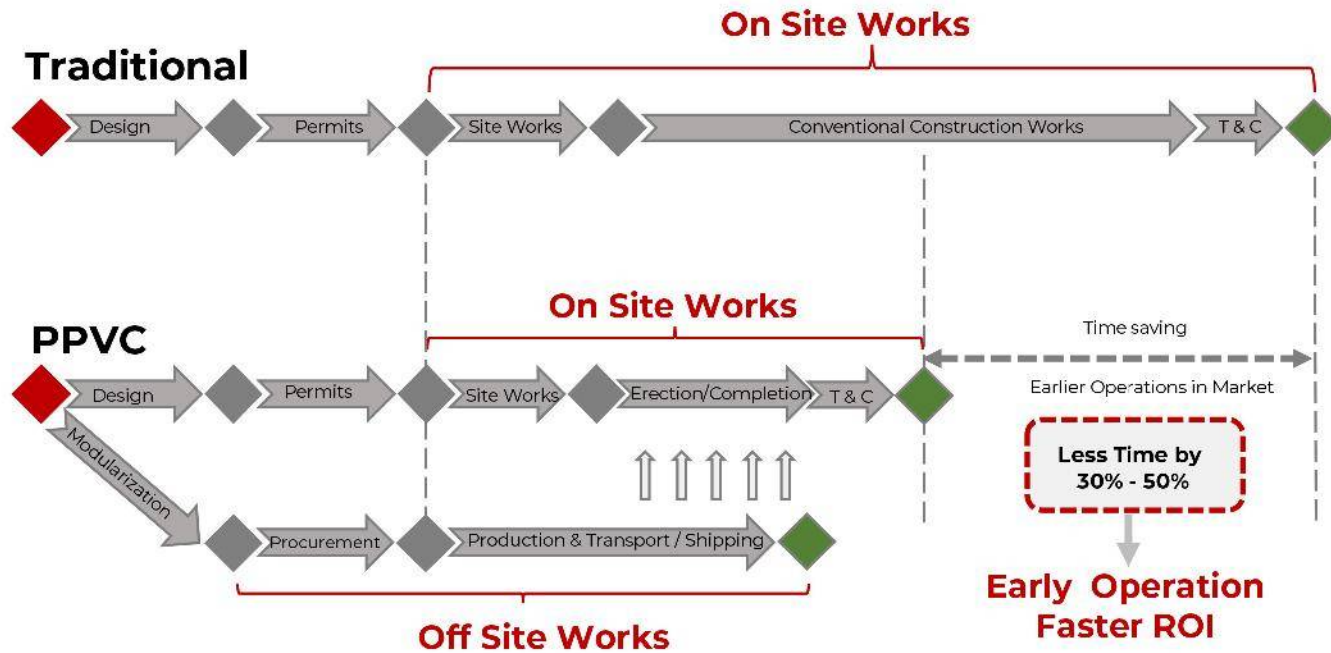
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MAJOR PROJECTS

CHRISTIAN MEDICAL COLLEGE
CHENNAI, TAMIL NADU, INDIA

BEFORE



AFTER



AVTIS HOSPITAL
NEMMARA, KERALA, INDIA



MODULAR HOUSE
PALAKKAD, KERALA, INDIA



B R LIFE HOSPITAL
UDUPPI, KARNATAKA, INDIA



MODULAR BUILDING
BANGALORE, KARNATAKA, INDIA



Modular Fuel Station Retail Store, Toilet block & Canopy

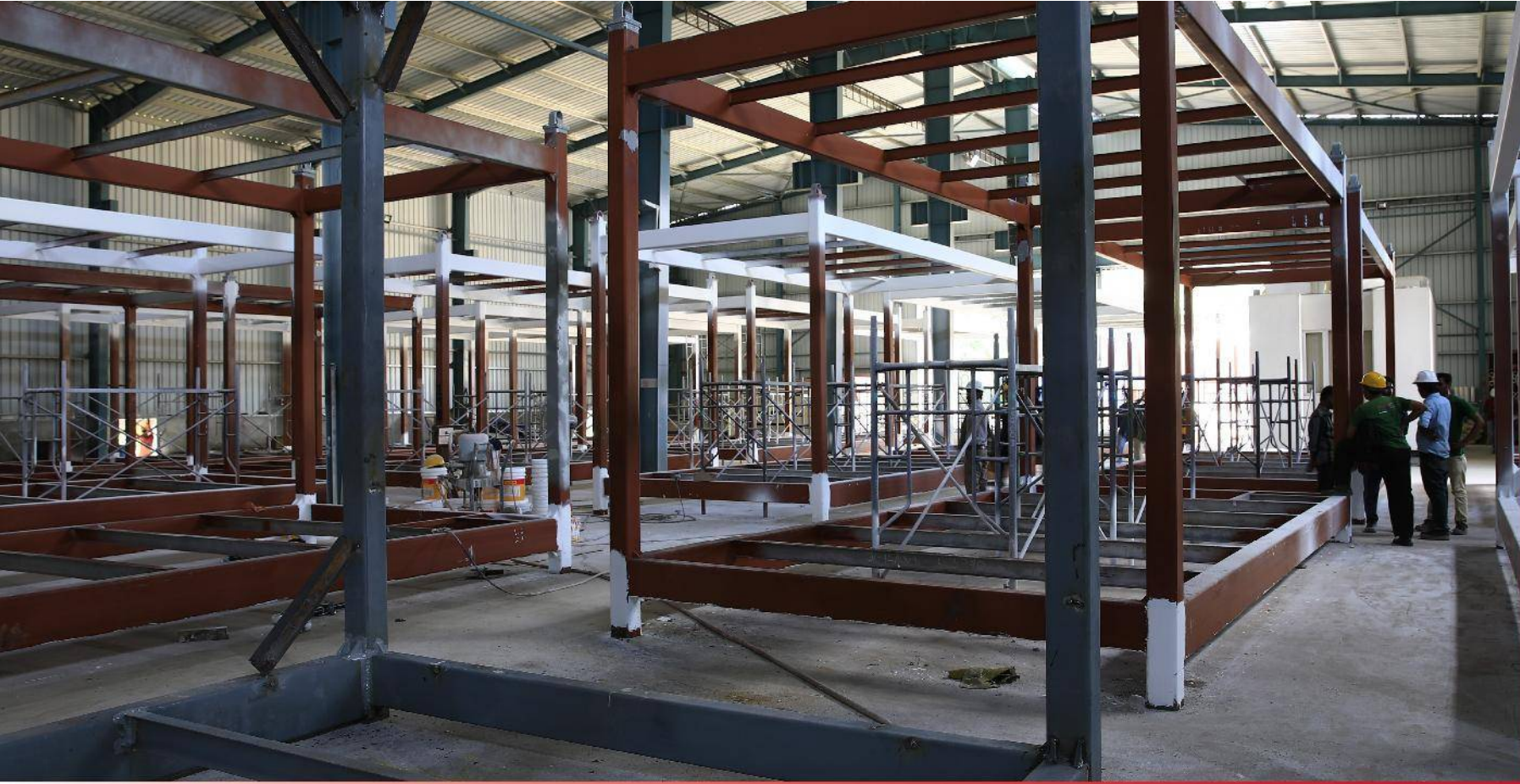
Shell India: Completed 45 Locations in South India



CONSTRUCTION STAGES

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CONSTRUCTION STAGES





CONSTRUCTION STAGES

COMPLETED AREAS

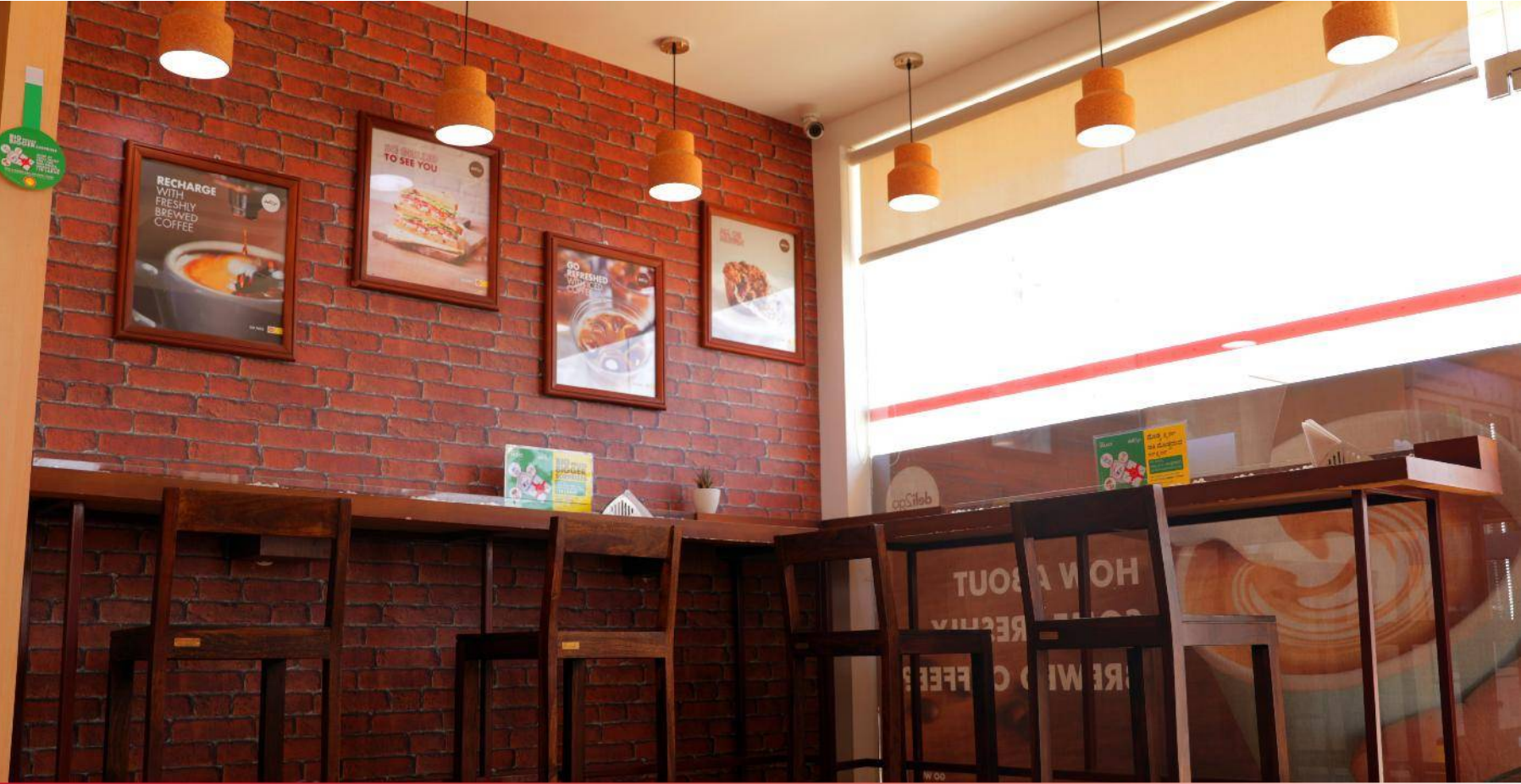
EXTERIOR VIEW





EXTERIOR VIEW

INTERIOR VIEWS





INTERIOR VIEWS

INTERIOR VIEWS





INTERIOR VIEWS





INTERIOR VIEWS

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