

# CONSTRUCTING TOMORROW'S FUTURE TODAY



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## Digitally **Transforming** your Business

Technology is disrupting and transforming the way we work. Over the past decade, we've seen a significant transformative shift in work processes due to the rapid adoption and development of technology. By embracing this positive change, progressive and innovative companies not only benefit from improved productivity, profitability and effectiveness, but their employees also reclaim a sense of work-life balance.

As the landscape of business continues to evolve and competition increases, it is vital that organisations combine best practices, sound research and cutting-edge technology to stay ahead of the curve.



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# Our Goal Is Simple

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**MECCSS Solutions is Construction Tech Consultancy specialising in Software Solutions & Organisational Development. Since 2009, we have grown from strength to strength, delivering cost & performance driven solutions to the Kingdom of Bahrain & the MENA region.**

With a wealth of consulting experience in Construction Software and Organisational Development/Human Resource Management (HRM), our consultants are fully equipped to assist you in tackling your technology and organisational challenges.

## Mission And Vision

- To help organisations achieve their strategic goals and improve company performance.
- Provide professional solutions that aid and assist departmental processes and procedures.
- Promote and deliver innovative Construction Tech systems and solutions to our clients.
- Increase business productivity by introducing state of the art systems and practical solutions.

**MECCSS offers Professional Solutions for the following industries**



Construction and Development



Oil and Gas



## MECCSS Construction Technology

Construction is one of the most demanding industries in which to operate, with underlying challenges in productivity, profitability, performance, labour, and sustainability to contend with. Leveraging on our expertise and vast knowledge of the construction industry, MECCSS offers a comprehensive suite of solutions developed to tackle these issues.

Developed specifically for the construction industry, these software solutions streamline functions, increase efficiency, productivity and ultimately help maximise profit margins. Our software solutions cover the following:

- **5D BIM QUANTITY SURVEYING** • **MATERIALS INVENTORY** • **CUSTOMER ACCOUNTS**
- **ESTIMATION AND TENDERING** • **MACHINERIES MAINTENANCE** • **RECEIVABLES**
- **BUDGETING & COST CONTROL** • **ACCOUNTS & FINANCIALS** • **FIELD SERVICE MANAGEMENT**
- **SUBCONTRACTOR MANAGEMENT** • **HR PAYROLL** • **DOCUMENT MANAGEMENT**
- **PURCHASING** • **SUPPLIES ACCOUNTS** • **PAYABLES**

## Bahrain World Trade Center

Software Solutions that we provide have been used to build some of the most iconic and technologically advanced construction projects in the Middle East.

Name: The Bahrain World Trade Center

Location: Manama, Bahrain

Construction started: 2004

Completion: 2008

Cost: \$150 million

Height: 240-metre-high (787 ft) 50-floors.

Management: Atkins

Main contractor: NASS Contracting

Murray and Roberts

Interesting fact: It is the first skyscraper in the world to integrate wind turbines into its design.

**CONSTRUCTING**  
TOMORROW'S FUTURE,  
**TODAY.**



# Get with The program

In recent years, we've seen the development and introduction of a number of disruptive technologies such as 3D printing, Building Information Modelling (BIM), Virtual Reality Simulations, Survey Drones, to name a few.

As the complexity and intricacy of construction projects increases - developers, consultants and contractors are finding it increasingly difficult to manage cost, efficiency and time.

At Meccss Solutions we stay up to date with construction technology, to ensure that you our clients, can benefit from the latest in technological advancements and stay one step ahead of the curve.

“If construction productivity were to catch up with the total economy, the industry’s value added could rise by **\$1.6 Trillion** a year”

McKinsey & Company (2017).

With the global construction value forecasted to reach \$10.5 trillion by 2023, the construction industry is arguably one of the most valuable, complex and information intensive industries in the world. Counterintuitively, it is also one of the least digitised industries.

According to a recent study by McKinsey & Company (2017), there is an opportunity to add an estimated \$1.6 Trillion to the sector’s value – with technology adoption being one of it’s driving factors.



ProjectVIEW is a comprehensive Cost Management and Construction Management ERP System that assists Contractors and Project Managers in estimating, controlling and monitoring the cost of their projects from Tendering to Execution- by digitalizing, aligning and integrating daily tasks and processes in the office and on site. ProjectVIEW is an integrated Construction ERP system seamlessly connected with Primavera and any BIM system.



Vortex is an Facility and Asset Management Software addressed to companies that have a Technical Support department with the main objective of repairing and maintaining equipment, optimizing their service and further organizing their technical department through the proper management of human resources with the use of mobile application.



Accuracy and consistency are critical to every successful bid strategy, and estimating software is the only way to ensure both can be maintained.

Valesco Estimating is quick and easy to use and enables your team to produce accurate and consistent tenders and valuations.



Cubicost Takeoff for Architecture & Structure (TAS) is a BIM-Based quantity takeoff software that helps Construction professionals (Owners, Consultants, Contractors ...etc.) calculate and check quantities rapidly and accurately.

It works intuitively and collaboratively in the full life cycle of construction projects; thus improving the work efficiency and cost management of enterprises.



Cubicost Takeoff for Rebar (TRB) is a BIM-Based Quantity Takeoff Software that focuses specifically on rebar, helping Construction professionals (Owners, Consultants, Contractors ... etc.) calculate and check rebar quantities rapidly and accurately.

Its 3D visualization of rebar, quantity extraction via various reports and collaborative integration makes rebar takeoff precise, intelligent and efficient.



Cubicost Tender Management Software (TBQ) is the perfect digital solution for cost estimation and management.

TBQ is a server-based collaborative platform that seamlessly integrates with Cubicost TAS and TRB, allowing different teams to work together; forming an efficient construction cost solution, taking the lead in the era of BIM.





# CONSTRUCTION SERVICES

## Fields of Expertise

Construction is one of the most demanding industries in which to operate, with underlying challenges in productivity, profitability, performance, labour, and sustainability to contend with.

Here at MECCSS, we understand these challenges and strive to assist our clients by leveraging on our vast knowledge and expertise of various construction work processes.

### 5D BIM QUANTITY TAKEOFF

Quantity Takeoff is a vital, but time-consuming part of the construction estimation process, requiring a high level of accuracy and commitment. As a company versed in BIM Quantity Takeoff, MECCSS Solutions is ready to take on this important task; thereby allowing your company to reduce overhead costs, increase efficiency, place more successful bids and maximise your profit margins.

### PROJECT COSTING

Costing and controlling cost is very essential to the success of every project. At MECCSS we provide solutions based on the challenges faced by Cost Management teams in controlling their budgets; which may otherwise lead to conflict between agencies and clients.

Our expertise in Project Costing, helps you manage and navigate important aspects such as Cost Monitoring, Payments and Budget Control etc.; all of which can significantly impact the success of a project. We focus client policies and establish elemental cost planning by using the most appropriate methods which includes advance level addendum management. Our process is centralised using 5D project models, bringing you extra value and transparency.

### SOFTWARE TRAINING

MECCSS delivers comprehensive training and development for all of the software solutions that we provide; from basic to advanced levels. Training programs can be conducted either at your place of work, our training centre or online. Furthermore, we engage in development activities throughout the year, ensuring that our clients are fully trained and confident while using the software. These activities include webinars, workshops and product updates.

### BESPOKE TRAINING PROGRAMS

On request, MECCSS develops bespoke training programs to suit your company's needs. This can include:

- Quantity Surveying courses: Basic to Advanced levels.
- BIM QS Professional

# Increase

**your recruitment decision accuracy by more than 40% using Psychometric Assessments**

## Psychometric assessment **Assess, Identify and Develop** talent

Used by over 80% of Fortune 500 and FTSE 100 companies, psychometric assessments are objective, standardised and scientific tests used for measuring the behavioural style and mental capabilities of an individual. Psychometric tests are designed specifically to measure a candidate's 'fit'/suitability for a particular role, based on job's required personality traits and aptitude. Psychometric assessments therefore allow us to determine the extent to which a candidate's cognitive abilities and personality matches those that are required to successfully perform a job.



## Organisational Development Solutions

### EXECUTIVE SELECTION

A rigorous executive selection programme of one-on-one assessment, feedback, and induction with an experienced Business Psychologist. The programme is challenging for candidates and matches the gravity of the hiring decision and the level of the role. It comprises of:

- Psychometric assessment & interview.
- Comprehensive verbal and written reporting.
- Feedback sessions with the candidate & their manager.
- Creation of a structured development plan.
- Tailored induction coaching.

### DEVELOPMENT – TALENT DEVELOPMENT ASSESSMENT

A rigorous talent development programme that stretches over 5 months of one-on-one engagement with an experienced Business Psychologist. The programme is a developmental 'deep dive' involving over 20 contact hours and comprises:

- A standardised psychometric assessment & interview.
- A written, comprehensive assessment report.
- Feedback sessions with the person & their manager.
- Creation of a structured development plan.
- Tailored development coaching sessions.

### EXECUTIVE COACHING – LEADERSHIP TRANSFORMATION

Our leadership development programme are conducted one-on-one or in small teams or groups by an experienced business psychologist. The programme typically stretch over six months or more and include a series of structured sessions to introduce our unique combination of models, tools, and techniques in an applied, experiential way. Leaders learn from us about how they can better use role mindset, authority, and assertiveness to influence their own and others' behaviour. They also learn how to create more consciously a workplace culture that serves their business needs.

### RECRUITMENT - EXECUTIVE RECRUITMENT

Whether you're looking for contract hires or permanent employees, our team of experienced recruitment experts will provide you with right candidates to meet your specific job specifications. Meccss Solutions specialises in the following sectors:

- Construction
- Oil & Gas

We want  
your Business to grow



## Partner with us

Our primary mission and objective is clear - To help organisations achieve their strategic goals and improve overall company performance.

We believe that it is essential to partner with our clients in order to provide a holistic and pragmatic solution. We will work closely with your organisation to develop innovative and tailor-made solutions, based on careful analysis and understanding of your needs and challenges.

To find out how your organisation could benefit from our services, contact us for a free consultation.

Feel Free  
to **contact** us  
and let us  
**HELP**  
you find the best  
***solutions***

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