SYMETRI
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Challenging Construction to Work Smarter

Delivering leading technology solutions and services to increase construction capability and capacity

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SECTION 1

Meet the Symetri Construction Team

Contents:

SECTION 2

Digital Construction & BIM Consultancy

Helping you minimise risk and maximise opportunity

Symetri provide leading technology solutions and services which increase the capability and capacity of all those involved in the construction process, including:

The construction sector is going through a period of significant change. While economic conditions and a highly competitive market ensures that margins remain tight, technological change, BIM, and alternative ways of working, e.g. offsite construction, are creating opportunities for companies involved in construction to innovate and differentiate themselves from the competition. The client's requirements for smarter and more environmentally friendly buildings also provides a number of challenges and opportunities for those operating in this sector.

Those trying to manage the construction process are faced with the challenge of delivering high quality projects in a cost-effective way, while maintaining the safety of all their employees. Luckily, there is now a huge quantity of data which can help inform every decision, the key is to manage it in a way that allows complete control and quick analysis. The change in working practices necessitated by BIM requires all information to be captured and managed in a

standardised, consistent, and complete format to meet client specified requirements. In order to increase efficiency and safety, many construction companies are looking to carry out as much work as possible away from the construction site. There are huge benefits to doing this where possible in terms of increased quality, increased consistency, reduced downtime and reduced wastage.
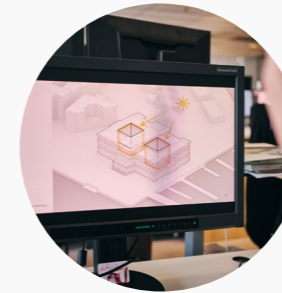
Those construction companies who can take advantage of mobile technology, integrated management solutions, big data analytics, artificial intelligence, machine learning, IOT, robotics/drones, BIM, augmented reality/virtual reality, 3D printing, and digital twins are likely to have a significant competitive advantage and see massive gains in terms of productivity. Symetri's consultancy team work in partnership with construction companies to identify how technology adoption can be used to drive the desired changes to their business.

Digital Transformation
The knowledge, solutions and support to enable digital transformation focused on satisfying each client's value drivers and desired outcomes

Implementation & Adoption
Provision of technology solutions, including the support, training and consultancy needed for their successful adoption

Project Support
The resource, solutions and support to ensure the successful delivery of projects in a BIM compliant fashion

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Implementation and Adoption
Helping you optimise your software investment

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A huge part of the digital transformation journey is to improve your processes and workflows via automation; something that is achieved with the implementation of innovative and collaborative technologies. At Symetri, we offer a wide range of construction solutions to help you embrace digitisation and lean methodologies, however the key is not just to implement the technology, but to optimise this investment by ensuring adoption.

Implementation

The Symetri Way offers you a safe journey from installation through to training, support and follow-up. A dedicated consultant with industry knowledge will guide you through the entire process, from start to finish and follow-up. When using Symetri expertise to install your software, you can be sure you have the best and optimised surroundings for your software environment. You minimise the risk, have a proper hand-over and receive the documentation when the installation is complete. The consultant will make sure you have a perfect start to your project and that the project is implemented correctly according to agreed milestones.

Adoption

There is no point investing in software that is not going to be used. Ensuring optimal setup, appropriate training and the right ongoing support is key to realising return on that software investment. We recommend that all implementations are complemented with appropriate levels of training and support. The Symetri consultancy team maintain their training qualifications on all offered products – as an Autodesk Authorised Training Centre and Elite Construction Partner - to ensure the best possible delivery of all solutions. Training is available on-site, at our UK-wide training centres or virtually and can be distributed according to your needs. We also offer pre-defined or custom support provisions to meet every client's needs.

Benefits of our implementation and adoption service

Smooth handover

In-depth training

Project support

Maximise productivity

Minimise risk

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Project Support
Helping you compete, collaborate and control your future

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Collaborating to deliver construction projects using new technologies and BIM practices in a compliant fashion can be challenging; especially if you are new to BIM, lack time or appropriately qualified resources to deliver in this fashion. Symetri are here to help, we offer a wide range of project support services to act as additional resource, help you improve your business processes and identify growth opportunities.

Symetri consultants work shoulder-to-shoulder with clients, contractors and sub-contractors to bring deep technology knowledge and practical industry experience. This can involve helping contractors define a BEP, de-risk their commitment and provide essential project delivery support. It can also involve helping clients produce specific EIR/AIR/OIR documentation with real value and ensure that all involved in the project process deliver to it.

Areas we can support your Construction projects with

Construction
Deliver projects smarter and improve client satisfaction whilst out on-site

Design
Control the design stage from the start, mitigating risk and avoiding rework

Information Management
Manage the data structure, progressive data capture from the supply chain, audit, development and handover

Pre-Construction
Chart a course through the many areas of detail that often slip companies up pre-construction planning and project initiation

Project Support Roles
Bringing deep technology knowledge and practical industry experience, by acting as an integral member of your project team

Technology Support
Improve your competitive advantage by leveraging best in class construction centric solutions

Digital Transformation

Helping you embrace digitisation and compete confidently in a digital world

The composite elements of the contractor's role are changing fast. So are expectations from all other stakeholders in any project, on how contractors manage projects and participate in the rapidly evolving digital value chain. While a construction project was once seen to be complete when it was built, this is no longer so. A built asset has a life going forward which unfolds as much in the digital as in the physical world. Understanding how to collaborate with, and share data is now an essential pillar of operations.

At Symetri, our consultants can provide impartial advice on trends, technologies, mandates and strategies affecting the construction sector. They'll also enable you to understand new digital environments and acquire the necessary new skills to embrace digitisation.

How we can help

Analyse
Monitor and control your project execution

Control
Manage/automate your project workflows

Digitise
Employ technology smarter and compete in a digital world

Integrate
Integrate your platforms for better collaboration

Optimise
Implement industry methodologies to minimise risk and maximise profit

Handover
Have the right data to manage and maintain your buildings from the start

Our Solutions

Helping you work smarter with leading edge technology

Several reports have shown that while technology has had a massive impact in increasing productivity across almost all sectors, construction has yet to see the same positive impact, this is set to change. We partner with the best in breed Construction technology providers to help our customers build a better future.

Benefits of our Construction solutions

- Ensure Compliance
- Reduce risk & rework
- Consistency of delivery
- Increase efficiency & control
- Improve quality
- Increase capacity

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ArchiveHub
matterlab's ArchiveHub is a complete BIM 360 archiving solution for AEC professionals, enabling users to download and browse complete project data easily. Whether it's for handover, archive or analysis, ArchiveHub keeps all information and file structures intact, minimising any risks of error or incomplete data.

Autodesk Construction Cloud
The Autodesk Construction Cloud unified platform brings together the most powerful portfolio of construction management software products in the industry, supporting workflows spanning all phases of construction—from design, to planning, to building, to operations.

Naviate
Symetri's Naviate is built on industry needs to improve and simplify workflows and tasks in project and construction management. It is designed to help Construction professionals simplify BIM data and model checking in Autodesk Revit.

Oculo
Oculo is a digital Construction solution which combines hard-hat cameras, BIM models/floorplans & artificial intelligence to remotely view, share & track on-site progress.

VisualLive
Unity's augmented reality (AR) software VisualLive allows real-time 3D visualisation, collaboration, and field-to-office communication across all stages of construction. These include design review, quality assurance/control, facilities management, and more.

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At Symetri we support innovative building owners, architecture, engineering, infra-structure and construction companies to optimise their working methods and increase the quality of their projects. Our purpose is to challenge people to work smarter and to turn ideas into new realities that shape a better future. With a combination of our own IP, best-of-breed technology from our partners and a comprehensive range of services, we enable our customers to build sustainably, maximise efficiency and increase their competitive advantage.

Our services include the provision of software, consultancy, training and support, and we offer a comprehensive range of IT and Document Management solutions.

Learn more:
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