



Hospital Construction Projects



OmTrak





Queensland Satellite Hospitals Program

90 Current Projects



Client: Hutchinson Builders

Project:

The Hutchinson Builders team was confronted with a multi-faceted challenge that could test the mettle of even the most seasoned construction professionals. The task was not only to build multiple facilities across the Queensland Satellite Hospitals Program, but to do so harmoniously, ensuring that each hospital, though unique, would operate under one standardised network of specifications.

The complexity intensified as the team faced the meticulous task of collating operations and maintenance manuals pertaining to various Hospital Health Services. Additionally, the construction phase necessitated the tracking of defects and the management of Defect Liability Period (DLP) maintenance across not one but seven distinct hospital sites, encompassing dozens of service trades. It was a herculean coordination and data tracking effort waiting to be untangled.

OmTrak Tools Used:

Manuals Module: To manage the asset information and operations and maintenance manuals of the hospital buildings and facility assets.

Site Works Module: OmTrak Siteworks Software and App is being used to manage the defects during construction and DLP.

The Prince of Wales Hospital Redevelopment Project

NSW Health



Client: Fugen Constructions Pty Ltd and NSW Health

Project:

The Prince of Wales Hospital redevelopment has been allocated \$720 million. Project planning began in 2015 and construction is in progress. By 2022 the hospital will have:

- A new adult Emergency Department
- An expanded Psychiatric Emergency Care Centre (PECC)
- An expanded Intensive Care Unit
- Ten inpatient units (IPUs)
- New operating theatres
- An expanded Central Sterilising Service
- A medical assessment unit supporting the delivery of care in the patient's home
- A new helipad
- Education and research spaces for clinical research and innovation.

Project Value:

\$720 Million

OmTrak Tools Used:

Manuals Module: To manage the asset information and operations and maintenance manuals of the hospital buildings and facility assets.

Site Works Module: OmTrak Siteworks Software and App is being used to manage the defects during construction and DLP.

An aerial photograph of a large, modern hospital complex with multiple interconnected buildings. The buildings feature a facade of vertical slats and are surrounded by landscaped areas with trees and walkways. The entire image is overlaid with a semi-transparent blue filter. A white curved line frames the top and right sides of the image. The text 'NSW Health' and 'State Wide Hospitals' is displayed in white, bold, sans-serif font in the upper left quadrant.

NSW Health State Wide Hospitals

90 Current Projects



Client: NSW Health

Project:

Established in 2007, the State Government Health Infrastructure oversees the planning, design, procurement and construction of health capital works in NSW.

- 90 projects underway
- Australia's largest health capital program
- Includes the major redevelopment of existing public hospitals
- Includes the construction and development of new public hospitals and multipurpose medical centres
- The Asset Refurbishment and Replacement Program has a \$500 million budget.

NSW Health has strict asset data requirements that need to be carefully managed. The asset managers at NSW Health worked closely with the OmTrak team to define meta data and naming conventions to create consistent asset registers, O&M manuals and technical data across NSW hospitals. This process has provided a quality standard for builders to easily upload data during construction.

Project Value:

\$500 Million

Date:

2021

OmTrak Tools Used:

Manuals Module: To manage the asset information and operations and maintenance manuals of the hospital buildings and facility assets.

Site Works Module: OmTrak Siteworks Software and App is being used to manage the defects during construction and DLP.



Barwon Health Victoria

7 Projects



Client: Barwon Health, Victoria

Project:

Formed in 1998, Barwon Health is one of the largest and most comprehensive regional health services in Australia, providing care at all stages of life and circumstance. Health services available through Barwon Health cover the full spectrum from primary care, community services, aged care, rehabilitation, mental health, emergency and acute care.

OmTrak was used for the Maternity Day Assessment Unit, Medical Imaging, Barwon Health North, Project Love, Renal Facility and the Surgery Hub.

The Barwon Health maintenance team chose OmTrak software to manage assets and operations and maintenance manuals during construction. The maintenance managers had strict approval processes to allow them to adhere to the maintenance management standards and regulations of hospitals. Using OmTrak allowed them to approve data before handover and receive completed quality information that was ready to use from day 1 of the hospitals occupation.

OmTrak Tools Used:

Manuals Module: To manage the asset information and operations and maintenance manuals of the hospital buildings and facility assets.

Site Works Module: OmTrak Siteworks Software and App is being used to manage the defects during construction and DLP.



Victorian Heart Hospital Monash University

Clayton VIC

JOHN HOLLAND



Client: John Holland

Project:

The Victorian Heart Hospital will be Australia's first state-of-the-art, specialist cardiac hospital.

It will provide innovative, holistic and patient-centred care, as well as world-leading research and education.

Located on the Monash University Clayton campus, the hospital will integrate clinical cardiology services, research and education to create a centre of excellence, raising the profile of cardiovascular research, treatment and training. Patients with heart disease will be able to access world-class cardiac care and ground-breaking research, all under one roof.

Once completed, the Victorian Heart Hospital will have the capacity to provide up to 2,150 cardiac surgeries per year.

Project Value:

\$450 Million

Date:

2021

OmTrak Tools Used:

Manuals Module: To manage the asset information and operations and maintenance manuals of the hospital buildings and facility assets.

Site Works Module: OmTrak Siteworks Software and App is being used to manage the defects during construction and DLP.

The Gold Coast University Hospital

Gold Coast QLD



Client: Lend Lease

Project:

The \$1.76 billion, 750-bed tertiary Gold Coast University Hospital (GCUH) is a vital component in Queensland Health's vision to deliver state-of-the-art health service facilities designed to cope with extraordinary population growth in South East Queensland.

The project consists of six separate buildings, a total floor space of around 170,000 square metres, it includes 750 overnightbeds, tertiary level hospital facilities, pathology, and mental health facilities that provide new and expanded services for the Gold Coast. The hospital is located in the new, integrated Health and Knowledge Precinct at Southport and required the construction of roads and extensive landscaping to the 20 hectare site.

Project Value:

\$1.76 Billion

Date:

2013

OmTrak Tools Used:

Manuals Module: To manage the asset information and operations and maintenance manuals of the hospital buildings and facility assets.

Site Works Module: OmTrak Siteworks Software and App is being used to manage the defects during construction and DLP.

The background image shows a modern, multi-story aged care facility with large windows and a flat roof. In the foreground, there is a lush garden with various plants and flowers. A group of people, including a man in a red shirt and a woman in a green shirt, are standing in the garden. The entire image is overlaid with a blue gradient and white decorative lines.

Anglicare Aged Care Facilities

Gold Coast QLD



Client: Anglicare

Project:

Anglicare is one of Australia's leading aged care providers, operating 23 retirement and residential care facilities across greater Sydney.

A growing organisation, it had been acquiring or building new facilities to meet the increasing consumer demand. This meant that they had adopted multiple incumbent data systems that were not linked or integrated.

Anglicare needed:

- A way to bring all the facilities in their portfolio together in one centralised platform.
- To identify what information was missing or incorrect in their existing handover documentation.
- To ensure that each facility, and the organisation as a whole, was compliant with the Federal Aged Care Act.
- A strategic and efficient approach to ongoing maintenance planning and budgeting.

The lack of portfolio-wide visibility from operating separate data systems resulted in significant risk and ongoing inefficiency for Anglicare. With so many facilities using their own range of contractors and sub-contractors, it was impossible for the organisation as a whole to effectively maintain their assets.

Maintenance planning was decentralised and they had no way of determining if their maintenance spend was accurate or wasteful. Twelve out of the 23 facilities had been handed over with missing or incorrect documentation that was supplied in inappropriate formats. This put the organisation at a high risk of non-compliance with the Federal Aged Care Act.

OmTrak Tools Used:

Manuals Module: To manage the asset information and operations and maintenance manuals of the hospital buildings and facility assets.

Site Works Module: OmTrak Siteworks Software and App is being used to manage the defects during construction and DLP.

Consulting: We conducted a strategic review and assessment of all 23 Anglicare facilities. We worked closely with the facility managers to develop ongoing maintenance plans so that resources were deployed where they were needed most.



How OmTrak Helps Hospital Construction Projects?

Streamline hospital construction projects through design, construction and maintenance. OmTrak's connected solutions provide access levels to the whole team. Produce quality building information, reduce project delays and save time and money.

OmTrak Documents Module:

A small size hospital construction project of, say \$100m, can produce 20,000 documents ranging from initial feasibility studies, draft and final plans, special details, instructions, and updated plans over the entire design/construct phases. OmTrak Documents Module organises and streamlines large amounts of documentation

- **Third party project server:** Project members have access to one platform in a secure environment.
- **Project centric:** Transmittals and storage are contained, so its easy to search for documents.
- **Reduced Duplication:** If a consultant uploads a new file, they do it once and issue a transmittal email to all the parties who need a copy.
- **True collaboration process:** Built in review and mark up capability and workflows.

OmTrak O&M Manuals Module:

OmTrak's O&M Manuals Module allows multiple sub-contractors to each create their own separate O&M Manual during the 'Build' phase of the hospital. O&M Manuals are created for each project based on a client template. This template is matched to the hospitals end user needs. OmTrak O&M Manuals streamlines and standardises information, allowing a smooth handover and transition to FM..

- **Reduce handover delays:** Subcontractors can upload documentation during the construction phase. Project managers can then review and ascertain if the information is complete and approve before handover, minimising project delays.
- **Digital Handover:** Digital O&M manuals are professional, user-friendly and searchable. Data outputs are fit for asset management systems, including attribute and validation requirements.
- **Built in workflows and approvals:** OmTrak's O&M Manuals Module allows multiple sub-contractors to each create their own separate O&M Manual during the 'Build' phase of the hospital. O&M Manuals are created for each project based on a client template. This template is matched to the hospitals end user needs. OmTrak O&M Manuals streamlines and standardises information, allowing a smooth handover and transition to FM..
- **Smooth Transition to FM:** OmTrak's O&M Manuals are designed for compatibility with a variety of FM systems, allowing hospitals to quickly transition to FM.

Reduce hospital construction handover delays, and hit the ground running with facility management. OmTrak's method of collecting building and asset information serves as a guide to meeting statutory requirements. The information produced is high quality and thorough, this reduces the long term risks associated with missing or poor quality information. Asset data and O&M Manuals can be uploaded to your FM System or use OmTrak's highly efficient facility maintenance tools.

OmTrak Site Works Module:

Siteworks makes managing hospital construction defects and maintenance easy. The mobile application has full functionality both online and offline. Teams have real-time access and data collection ability even in mobile

black spots.

The scheduled maintenance function helps builders prove compliance during the DLP period. Maintenance can be automatically scheduled using existing data from the O&M Manuals.

OmTrak Facility Maintenance Module:

Scheduling maintenance across a portfolio of Hospitals traditionally relies on high-end, complicated and expensive software. Time-consuming to both implement and use, these systems often cause hospitals and facility managers more problems than they solve.

OmTrak's, calendar-driven maintenance scheduling is fast and easy. Customisable asset registers are included, Facility Managers can automate future maintenance work orders for every asset in the hospitals portfolio and export maintenance schedule log books. Scheduled maintenance can be linked to the operations and maintenance manuals to ensure proper servicing is completed.

OmTrak MPlan:

Mplan is used for the hospitals facility life cycle planning. It can reduce the cost of ongoing maintenance plan forecasts by up to 90%. This includes maintenance managing, upgrading and improving the portfolio, constructing new properties, and disposing of surplus or unusable property.

OmTrak's MPlan has 3 main functions:

- **Condition Audits:** Simplify the data collection process and reduce the cost of Condition Audits by up to 75%.
- **FM Planning:** Quickly generate 1 - 50 year maintenance plans. More accurate planning and risk assessments reduce spending and provide an automated cost forecast.
- **Knowledge Management:** Your Facility Maintenance staff are trained on the 7 step methodology behind MPlan and the ongoing use of the system. The OmTrak team support you to develop your own maintenance plans including regular reviews and updates.



Profile & Company Overview

WebFM, an award-winning firm, boasts a team of highly experienced consultants and software developers.

Since our inception, we've leveraged technology to simplify every aspect of building and facilities management. Our suite of integrated solutions - OmTrak, MPlan, and our bespoke consulting services - provides unparalleled efficiencies throughout the entire project lifecycle. We centralise all documents and collaborative interactions, ensuring that with WebFM, you have everything you need at your fingertips.

Our Story

WebFM was developed by Stuart Smith while he was working as an asset management consultant on the Sydney Olympic Games, he realised the gross inefficiencies and shortcomings of the incumbent asset handover process.

Stuart knew there must be a way to transform this process from manual and people-driven, to highly integrated, collaborative and data-driven. He used technology to develop a process that would revolutionise project handovers. He called it OmTrak.

We've continued to refine and improve our tools and consulting services in response to technological advancements. Today, some of the world's leading construction firms, government and defense departments and major education providers use WebFM to achieve an optimal asset solution.

Global Experience



15 Countries
Globally

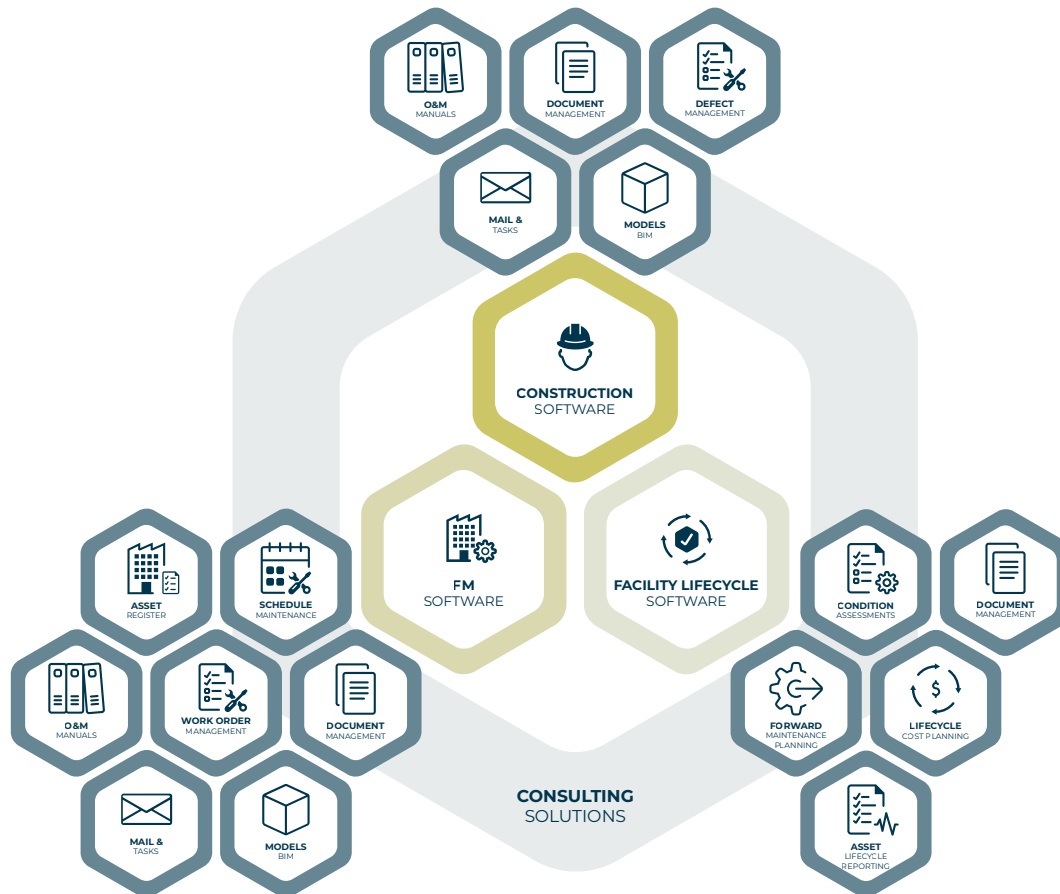
3500 Projects
Globally

USD250 Billion in Projects
Delivered

24 Years
Experience

System Description & Functionality

A complete, cloud-based asset lifecycle solution accessible anywhere, anytime - designed to reduce time, cost, and risk.



Document Management

Securely and quickly upload all your project-specific information in one online location. Control versions, comment, approve, collaborate and share.

Mail, RFIs & Tasks

OmTrak automatically captures and categorises all email correspondence, so you have a complete and undeletable audit trail.

Design Manuals

Create and review design reports during the initial feasibility and detailed design stages. Control of the process with up-to-date data available at any time.

Operations and Maintenance Manuals

Progressively create and review online to eliminate handover delays and improve the quality of your O&M manuals.

Defect Management

Record, distribute and manage defects, snags or punch lists faster and more efficiently using the mobile app.

BIM Management

Project teams can quickly and easily access and manage multidimensional project models improving decision making and co-ordination.

Project Reports

Track the status of approvals, workflows and data to gain greater visibility across the entire project.

Facility Maintenance

Streamline and automate ongoing maintenance scheduling. Schedule future maintenance and work orders.

Capabilities & Experience

WebFM's innovations simplify every stage of an asset's lifecycle, from the initial design and build through to ongoing maintenance. Our integrated solutions combine to give builders, owners and facility managers incredible efficiencies and reduced risk. Project handovers become seamless and asset maintenance becomes future proof. To date, more than 3,500 projects worth over \$250 billion are benefiting from our innovative approaches

WebFM's Head Office is located in Sydney, Australia, and our reach stretches across the globe. Our international client base boasts some of the world's leading construction firms, government, commercial, infrastructure, major health, and education providers. Wherever your project or team is located, WebFM can deliver a solution that's relevant for today, and for the future.

WebFM is led by the Australian Handover consulting team with a combined 60 plus years' experience delivering project globally.

OmTrak is an award-winning online platform developed specifically for construction projects. Its seven fully integrated modules combine to offer all project teams, owners, and facility managers one central, cloud-based collaboration platform.

Our specialist asset information handover and facility management consulting services enable you to work smarter. WebFM's consulting services will solve your asset challenges and help you realise smarter data management.

WebFM is Accredited with ISO 9001 - The International Organisation for Standardisation. It sets out the specification for company quality management systems and ISO 27001 - The international standard for information security. It sets out the specification for an information security management system (ISMS). WebFM accreditation with ISO 9001 and ISO 27001 gives its clients the highest standards of data security in the industry.

Please refer to omtrak.com/iso-certification for copies our certified certificates.



Solutions to Streamline Your Project

BE THE MASTER

“The end results for our clients are real time, cost saving and reduced risk. With OmTrak, there are no surprises and no information gaps and gives everyone involved a complete journey of confidence.”

STUART SMITH

Managing Director - WebFM

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