

Aspire Defence:

Keeping construction on track and driving project collaboration with the smart use of technology



Deliverables at-a-glance

- » Central storage and management of all stakeholder documents and drawings
- » Improved flow of information and co-ordination at every stage
- » Early identification of bottlenecks to reduce project delays
- » More informed decision-making
- » Reduced costs and improved productivity

Challenge: Leading the redevelopment of new living quarters for thousands of Army and civilian personnel

Entrusted with the task of delivering a new, modern living and working environment to 18,000 Army and civilian personnel in Aldershot and across the garrisons of Salisbury Plain, Aspire Defence (Aspire) had an integral role in realizing the vision of 'Project Allenby/Connaught'.

Working with the Ministry of Defence (MoD), the Project aimed to enhance the quality of life for Army personnel, civilian staff and the local communities around the garrisons of Aldershot, Tidworth, Bulford, Perham Down, Larkhill and Warminster. To help make this a reality, Aspire's responsibilities included the construction and refurbishment of 11,000 bedrooms, the development of new dining centers and community facilities, as well as overseeing general maintenance across the site.

Tasked with such a complex project – the number of buildings to be constructed could fill Hyde Park twice over – Aspire needed to efficiently manage enormous volumes of data at different stages of the 10-year project, as well as drive productivity through better collaboration and data storage methods. At the time, the company's only communication method was via its Local Area Network and email, which slowed the process considerably.

Instead, Aspire needed a more effective way to store, share, review and retrieve project collateral at the click of a button, in order to deliver the development to a high standard, within time and to budget.



“Without this solution, we could have drowned in a sea of paperwork. With over 50,000 drawings alone and 300 sub-contractors to keep informed, the sheer volume of paperwork is immense.”

Roger Stone
Project Controls Manager
Aspire Defence

Solution: Ensuring a streamlined approach to electronic document management with Opidis

Aspire rolled out an electronic document management solution from Opidis (formerly McLaren Software), which was selected due to its ease of use, flexible file structure and seamless storage and retrieval capabilities. The system also facilitates easier collaboration, with the ability to upload, view and amend documentation via one single, web-based repository.

The application enables all sub-contractors, architects and designers – irrespective of location – to store and manage their documents and drawings centrally. This functionality significantly improves the flow of information and ensures coordination at every stage – essential for a project involving 535 assets, 20 internal design and build contractor teams, and eight levels of approval and comment.

Speaking about the software, Roger Stone, Project Controls Manager at Aspire Defence said: “Without this solution, we could have drowned in a sea of paperwork. With over 50,000 drawings alone and 300 sub-contractors to keep informed, the sheer volume of paperwork is immense.”

With all information related to a project in one place, managers are able to make

more informed decisions and identify potential bottlenecks early to avoid significant delays.

Outcomes: Improved collaboration and enhanced productivity at every stage

Using the Opidis solution, Aspire now has an extremely efficient and cost-effective process for managing the vast amount of documents produced during the lifecycle of this large-scale, complex project. The application has been rolled out to all key development stages and is proving pivotal in driving consistency, collaboration and communication.

With the software in place, the team can seamlessly coordinate large volumes of design documentation and correspondence in a timely, accurate manner, reducing costs through improved productivity and minimizing delays caused by errors and resource limitations.

Sub-contractors are also able to produce, and keep track of, documents and drawings relating to all areas of the project – whether on site or remotely – as well as sharing them across the supply chain to ensure a coordinated approach.

Learn more about Opidis and our track record on other Construction projects by visiting www.opidis.com

Opidis (formerly McLaren Software) is a leading supplier of collaborative document management solutions to Owner Operators and EPCs, globally. Focused on maintaining complex engineering assets and large capital projects, Opidis solutions provide a single source of truth for all engineering content including P&IDs, drawings, vendor documents, safety manuals, as well as mobile and commissioning solutions – throughout the asset lifecycle.