

## Major New Port Facility Securing one of the largest new Ports in the Middle East

“The solution was to embed two design consultants, experienced in design of critical infrastructure projects and port security to deliver a complex design, working to strict design and time constraints. Cornerstone was able to produce high quality deliverables to the required level of detail within the ambitious timescale of three months, with CornerStone’s specialist staff integrating seamlessly with the project delivery team”.



**Client:** Confidential  
**Sector:** Construction/Oil & Gas  
**Services:** Design Services  
**Location:** Saudi Arabia  
**Status:** Complete

### Project

CornerStone’s client, a Mechanical & Electrical Consultancy, had been engaged by a Saudi entity to produce a Front End Engineering Design (FEED) document to be used by the client as the basis of a Design & Build contract to develop a port and ship repair facility in Saudi Arabia. The time constraints of the end-client meant that work had to be completed within three months for the documents to be issued for tender and the project team had to work from a single location to aid collaboration and keep design documentation secure.

### Outcome

The solution was to embed two design consultants, experienced in design of critical infrastructure projects and port security to deliver a complex design document, working to strict design constraints and timelines. The two consultants were embedded in the project teams office and were soon able to demonstrate their experience of designing projects in the Kingdom of Saudi Arabia applying their knowledge of the High Commission for Industrial Security (HCIS) regulations. For the FEED design we developed a set of Operational Requirements (OR’s), a Concept Design with performance specifications and rough order of magnitude budgets, for installation of the proposed solution.

### About CornerStone

CornerStone is an award winning, independent, international Security Consultancy and Risk Management firm. We help organisations protect their people, assets, intellectual property and profits by identifying security threats and mitigating the risks that face today’s global businesses. We work with clients in various parts of the supply chain to provide objective, un-biased advice, acting as their trusted advisor. What makes us different is the quality of our people, our highly developed process, problem solving approach and our innovative solutions.

[www.cornerstonegrg.co.uk](http://www.cornerstonegrg.co.uk)