



# HELPING DRAGON LNG WITH REGULATORY COMPLIANCE

## Improving the accuracy and visibility of compliance during inspections with Maximo and Fingertip.

Dragon LNG is a key energy provider for the UK. The business's Liquefied Natural Gas (LNG) import terminal receives, stores and regasifies LNG. This provides a vital source of clean and reliable energy for the UK.

### Taking a new approach to inspections

Dragon LNG's manual, paper-based ATEX inspection process was proving time consuming and cumbersome to manage. Paper forms had to be filled out by technicians and these were then put into PDF format to upload to the system and the details entered onto a spreadsheet to create reports. The result was an administrative millstone that became a full-time job for one administrator.

The business wanted a new solution that:

- Saved time completing admin tasks
- Removed the paper trail
- Fully integrated with Maximo

Although there were several ATEX inspection solutions on the market, none of these integrated directly with Maximo. This was a major issue for Dragon LNG, because all their maintenance records were stored in Maximo.

Following a series of discussions, we offered Dragon LNG an ideal solution, by utilising the mobile forms capability in Fingertip. Fingertip's mobile forms can be configured, using conditional logic, to guide technicians through complex maintenance processes, and ensure that those processes are carried out the way you want them to be, every time. This is especially important for clients where safety is paramount, such as when dealing with volatile products such as LNG.



“Fingertip enables technicians to operate more effectively out in the field using specific Maximo functionality. The developers worked with us to create a version of Fingertip that would relate specifically to ATEX inspections. It would become a paperless process with everything held in one place – namely Maximo.”

“Eventually, we will have a totally mobile workforce so that all of our work orders will carry a real time stamp and our data will be accurate and up to date at all times. We think Fingertip is a great solution.”

John Jones, Maintenance Planner,  
Dragon LNG

### Transitioning seamlessly to a new system

Dragon LNG wanted the transition to the new system to be as seamless as possible. This meant that the screens presented to technicians had to look like the existing paper forms they filled out, as did the output report to ensure user continuity.

The specific inspection forms for particular assets were:

- Instantly available to technicians (to avoid delays)
- Formatted in the same way as the existing paper forms
- Able to feed back errors & data input into Maximo accurately

### Storing all data in one central system

Although ATEX inspections still require the same time allocation from technicians, the administrative tasks that once followed the inspections have been eradicated. Data is now input in real time at the point of work directly into Maximo.

The inspection is either signed off or flagged for further action with work orders issued and re-inspections scheduled. An audit trail of all inspections is available, and all details are centrally stored in Maximo for inspection at any time.

### Providing benefits to the entire business

Following the successful delivery of the ATEX inspections process running smoothly, attention has turned to other potential applications that would benefit from a mobile solution.

Dragon LNG have recently extended the use of Fingertip to manage inspections for other equipment including valves and flange joints.

The inspections capability uses the core Fingertip Audit and Inspection functionality to provide a solution to meet the compliance requirement for inspecting assets with Atmospheric Explosion risks, which can only be done using ATEX devices.

This module is also suitable for all types of process and compliance driven inspections, including building condition audits, electrical inspections, safety inspections, meter readings and asset data collection.

For more information, please get in touch

<https://bpdzenith.com>



**EMEA** +44 (0)808 1800 360

**Canada** +1 (587) 955 9522

**US** (403) 589 6990

**Australia** 1800 508 504

**New Zealand** 0800 508 504

**Singapore** +65 6817 1845

**Macau** (853) 28 711 663