

# Manifesting for Maximo

Works in harmony with IBM Maximo or as a standalone application.

## Shipping Manifests as part of Workflow

BPD Zenith's Manifesting for Maximo was formed around IBM Maximo and developed initially for the Oil and Gas market. Within this industry there is a requirement for companies to regularly ship items and materials from their onshore warehouses to their platforms via air or sea.

In the UK, there is a statutory requirement to provide the Captain of any vessel with a Shipping Manifest that describes the contents of everything that the voyage is carrying and a separate Manifest being required for each destination. Manifests are classed as 'Outbound' for Goods and Materials shipped offshore or 'Inbound' for Goods and Materials shipped onshore.

Although developed for the Oil and Gas market, the solution is applicable to any industry that must ship items and be able to log/monitor the items within a centrally accessible system. The key element of the solution is the imperceptible production of the Manifest document as part of the system workflow.

In addition to Manifest creation, Manifesting for Maximo provides full visibility of items on and offshore, improves the utilisation of shipping resources and provides enhanced management of items that have been returned to shore.

As IBM Platinum Business Partners specializing in Maximo Asset Management, we know and understand how well this product delivers value to our clients. It is this knowledge that forms the foundation of our solution.

## What is Manifesting for Maximo?

Rather than creating onerous additional activities, our solution integrates seamlessly with Maximo and performs with the workflow. When items are issued, transferred and receipted in the core Maximo product, it creates the required shipping item records. There is also an option to create shipping items manually if required.

In line with the constraints for shipping, there are other options that can be applied as necessary. Shipping items can be added to a container (containers themselves can be monitored through the system if need be), the container can optionally be added to a container group and finally containers and container groups can be added to Manifests.

A report can be produced from the Manifest document detailing all items and containers that have been added to that Manifest. The final report then fulfils the legal requirements. Importantly, the system can also cope with items that are classed as 'dangerous' providing the additional information required for such items as part of this process.

Once items are shipped, the solution is used to receipt all items that were on the manifest and to record any missing or damaged items. Details of all missing/damaged items are then sent to the users who created the manifest.

Finally, a consignment notes feature enables the planning of items being returned to be organized so that they can be sent correctly on to their return destination. The drivers of the trucks waiting to unload the ship are given these consignment notes and they then know where to go.

## Our Solution and Maximo

BPD's Manifesting solution adds a new module to Maximo "Manifesting" and within this module there are several new applications:

- **Ship Items** – A logical record representing the actual item to be shipped.
- **CCU Transactions** – Cargo Containment Units, for example, Shipping Containers, Pallets, Boxes etc. Ship items are added to a CCU.
- **Manifests** – The declaration of goods that will be shipped and where these goods will be shipped from and to. CCUs are added to a Manifest.
- **Container Tracking** – This optional application aids in the physical tracking of Shipping Containers and can act as a Shipping Container Register.
- **Shipment Type** – Examples are Bulk and Deck Cargo, Waste/Scrap, Air Freight, 3rd Party Container etc. Shipment types are associated with CCUs and make certain fields on the CCU mandatory.
- **HMRC Tariffs** – A recent addition to the Manifest solution to fulfil the requirements for HRMC's Union Customs Code Changes.

In addition, core Maximo applications have been configured to support the addition of the manifesting applications.



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## About BPD Zenith

**BPD Zenith is a leading IBM Maximo® Enterprise Asset Management partner for asset intensive organizations worldwide.**

As one of the few Maximo partners providing Enterprise Asset Management (EAM) and Asset Performance Management (APM) expertise across North America, Europe and Asia Pacific, we combine a local presence with global expertise to deliver tailored asset management solutions and trusted partnerships wherever you are on your maintenance and IoT journey.