



## Reduce weather-related downtime and costs with an unmatched marine forecasting engine

The weather is one of your biggest challenges. It impacts crew and asset safety, as well as the timeliness and profitability of your operations. Having the right weather insights is essential to making the correct business and operational decisions.

DTN marine forecasting engine hosts the most accurate marine forecast and hindcast data globally. This innovative, flexible, and fully-scalable forecast platform serves the highest-value marine use-cases.

By utilizing the latest cloud technology, DTN can run a global suite of marine forecast models that can be tuned to exactly match your shipping and offshore needs. These high-resolution models can be integrated into global and regional forecast runs on the fly. And the output can be configured to your business requirements. The engine includes an ongoing verification suite using satellite, buoy, and private observation networks. Models and forecast data are also continuously validated, calibrated, and tuned to the latest observations.

Cost and down-time reduction can easily support savings of more than \$1 million



## DTN proprietary weather forecast data benefit you in many ways

- Reduce weather-related downtime and associated costs. Leading marine forecast models that can be fine-tuned to fit site-specific operations can help enhance situational forecast accuracy by multiple percentage points. The operational and financial savings can be significant — on the order of more than \$1 million a year.
- Enhance operational safety for people and assets. Higher-resolution weather models provide significantly more detailed forecasts. It improves both forecast data accuracy and offshore safety. For example, modeling tropical storm systems in the highest detail possible assists forecasters and master mariners who support or route vessels in the region.
- Supports greater decision-making confidence. More accurate weather data allows you to make better decisions faster and with greater confidence, even in challenging weather and sea conditions. By being able to resolve weather phenomena along coasts and close to harbors, you can provide trusted operational support and help increase efficiencies.

DTN marine forecasting engine helps build confidence also helps build confidence for and unburdens crews at sea, allowing them to make faster decisions with less risk.

## The DTN advantage

We help you get the weather data you need to make informed decisions to support safety and operations. By integrating our weather data into your systems, you can stay ahead of adverse weather across all of your sites. Our flexible data means you can configure outputs based on your needs. DTN marine weather API ensures that you have access to marine weather forecasts and analytical data exactly when and where you need it most.

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