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# Mainstay

Confident Calculated Clearance



## Big Data for Big Decisions

When it comes to vetting and evaluating the clearance of a vessel for use in transporting oil, gas and other hazardous liquids, there has never before been more industry data available to assess your potential risk.

Although now able to provide greater insight into a vessel's particulars, vetting inspections, history, owners, crew and incidents, this abundance of data brings a demand of its own in the form of data integrity, and the need for assurance teams to process an ever-increasing volume of industry data.



# Introducing Mainstay - **Confident, Calculated Clearance**

Optimising and applying the three areas at the core of the Vetting System:

- **Data Collection & Processing**
- **Management Risk Rules & Policies**
- **MA Process Control & Audit**

Mainstay utilises a complete view of the environment to intelligently process and analyse complex data from multiple sources.

By automating multiple data source collection and combining it to provide a single view of the marine data landscape, Mainstay simplifies information key to your operation and business policies through a structured MA analysis and process-controlled environment.





The background of the entire slide is a photograph of a pier extending into the ocean at sunset. The sky is a pale, hazy blue, and the water is dark with gentle ripples. The pier is made of dark, silhouetted wooden posts. On the left side of the image, there is a dark blue triangular graphic element pointing towards the top right corner.

# Why Mainstay?

## Configurable Performance

Working closely with clients and the wider industry has allowed MIS to truly gauge an understanding of the key requirements of a traditional Vetting System.

A fundamental understanding that MA teams across the globe have their own processes, procedures and policies, has been the driver behind ensuring many elements of Mainstay remain configurable to requirement; allowing you to consider each application of the Vetting System individually by its key features and its value to your vetting operation when implementing your own vetting processes, policies and rules.

## Developing Today

Through a comprehensive programming interface (API), Mainstay seamlessly integrates Marine Assurance into the wider process of your organisation, bringing together operations teams, charterers, voyage planners and analysts with Marine Assurance specialists to ensure safety, pollution prevention and risk management are at the forefront of your business.

## Preparing for Tomorrow

Providing an element of 'future proofing', the fully scalable Mainstay model can support your long-term business plans, adapting to your changing business operation and marine assurance needs as your operation evolves.



# Mainstay - Your Vetting DNA

To make a clearance decision you can trust, there is nothing more important than your Vetting DNA: Data and Analytics.

Without accurate up-to-date data, a vetting decision can be flawed or misinformed.

Failing perceptive analysis, data fails to become effective information.

As an intelligent Vetting System, Mainstay understands the complexities of the modern vetting operation and supports vetting teams in making insightful clearance decisions.

## In-depth Data

Your business relies on accurate, real-time and complete data.

Through its ability to manage extensive volumes of in-depth data in a single view, Mainstay provides an accurate and complete central store of information for your vetting operation, accessible online, 24/7, at the touch of a button.

With automatic scheduled retrieval of all data including that of OCIMF, IHS, EBIS and Coast Guards, alongside preparation of aggregated data views in line with business specific configured controls, Mainstay ensures that the most up-to-date marine assurance data is available for vetting teams to make decisions, and that your teams are alerted to any changes to vessels under contract and how that change could affect their suitability.

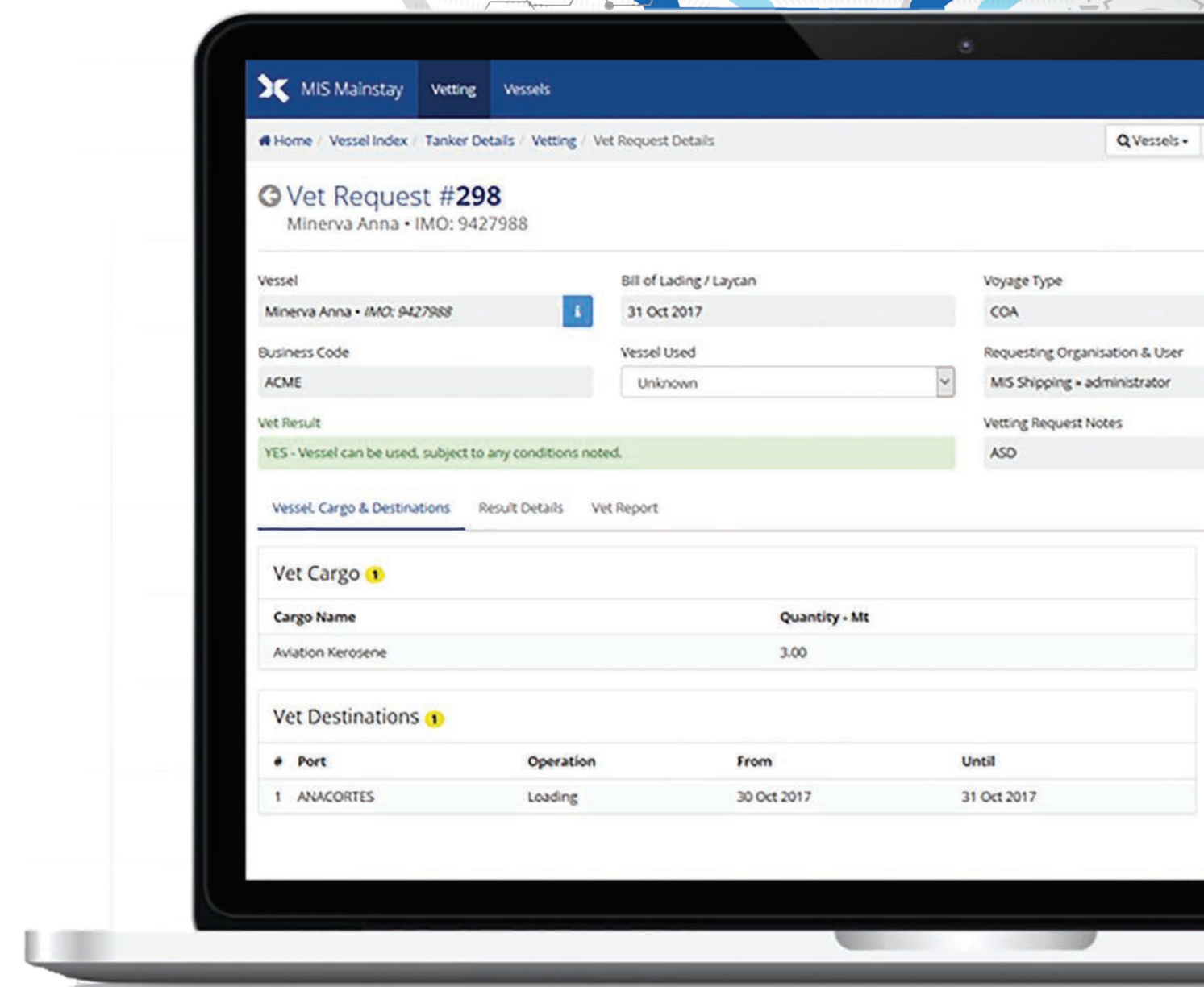
## Accurate Analytics

Mainstay takes an innovative approach to the processing and aggregation of marine data.

Using a highly configurable and fully featured vetting rules engine to automatically apply assurance rules, policies and proven algorithms to vessels, terminals and fleet operators, Mainstay comprehensively processes Marine Assurance data; identifying potential risks that lay in hiding.

## Reliable Reporting

Mainstay outputs vetting information in intuitive and structured reports, highlighting insights, showcasing trends and identifying risks, allowing your vetting team to confidently put your company's name against a clearance decision.





# The Rules Engine

## Enforcing Management Policies Through Practice

With the ability to include a combination of rules and data channels when processing a clearance, the Mainstay Rules Engine allows you to create vetting rules in line with a clearance request's specific parameters, cross-referenced against your vetting policies.

With no limits to the number of proactive rules in use, the Rules Engine can be used to model virtually any scenario required for Marine Assurance.

This approach empowers teams to develop highly customised and context relevant Vetting Rules Profiles to capture and reliably implement management policies to the vessels proposed for company business on a global, regional or departmental vetting policy basis.

## Proactive Notification

Data Events monitor the circumstances that matter to your business policies and issue targeted messages and alerts if and when important data changes; ensuring your MA team remains up-to-date on changes that could affect a vessel's suitability for your operation, without being exposed to information overload.

Data Events are configured to be aware of your data context and what is important; for example, when a vessel has recently been cleared for use or if it is part of a time charter/COA agreement.

The ability for MA teams to internally amend rule profiles as required, without returning to the MIS team to develop a new rule, ultimately reduces on-going system development time and cost.







## Full Audit, Accountability and Compliance Control

Alongside on-going automated checks to ensure the integrity of data sources, Mainstay incorporates a level of traceability and accountability for data and decision-making processes, ensuring that all key activities and decisions are fully recorded and auditable:

### Data Tracking

To improve auditability and accountability, all data and activity within Mainstay is tracked. All data changes have a full audit history, whether they be systemic in nature (e.g. receipt of data updates from an industry source) or carried out by a system user.

### Rules Recording

All management policies contained within rules profiles are versioned. A full library of historic decisions can be re-created and justified based upon exact data models available at the time of a decision.

### User Management

A detailed user management system allows specific permissions, privileges and restrictions to be set at user and group/departmental level. All such permissions and changes to their application are fully tracked for audit.



# The Benefits of Mainstay - Supporting You Near and Far



## Online When You Are

Whenever or wherever your business is working, Mainstay is online to support. Accessible worldwide around the clock\*, through desktop and mobile devices, Mainstay will support your team in making confident, calculated vetting decisions.



## System Support

Offered as a managed service, be confident that MIS will be on hand to support you and your Marine Assurance processes, should the need arise\*\*.



## Improving Efficiency

Remove the need for repeated reports and ensure the relevant teams are kept up-to-date with operation-wide information sharing and user-management rules settings.



## Updates & Development

Subject to thorough on-going review, update, and development, keeping pace with the latest industry changes - Mainstay ensures users are equipped with the latest Marine Assurance software.



## System Simplicity

Built with usability in mind, whether through predictive text searching, the ability to bookmark vessels or personalised dashboard widgets, Mainstay is designed to support your MA team through intuitive design and function.



## User Training

Mainstay training can be offered on site, across the web or at the MIS UK offices. Users are fully supported around the clock with access to comprehensive user guides and video tutorials.

\*Systems downtime may be experienced during software upgrade windows, where possible, pre-arranged with the client. Unforeseen issues may also result in a period of offline status.

\*\* The MIS Mainstay Help Desk will operate to a process and schedule agreed during set-up.







## Affordable Assurance

Mainstay's approach to a Vetting System's development minimises the risks of uncertainty and complexity, often associated with marine assurance software through offering a tried and tested foundation platform on which to build a system fit for requirement.

While ensuring the same high-level service and functionality as a custom-built Vetting System, the initial development cost and the on-going ownership fees of Mainstay provide the opportunity of system ownership to operations of all sizes and requirements.





## About MIS

We are the leading marine assurance technology experts. Our ship vetting and compliance solutions help charterers, ports and terminals manage safety, environmental and operational performance.

We're marine specialists, with the insights to understand your challenges. Our team operate exclusively within the marine assurance sector and our core software is maintained in-house by people who know the industry.

Our Mainstay© platform is the authority on vessel condition and compliance. Supporting customers in automating marine assurance policies, it provides focus on areas requiring human expertise, helping to make informed and concentrated decisions to manage safety, risk and cost.

Our intuitive platform adapts to your processes and future-proofs assurance through seamless 'software as a service' upgrades, delivering our latest innovations.

Let MIS Marine empower your decision-making.

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