MariWeb version 8

MariWeb V8 is the latest version of the IMIS Global **high performance, standards compliant, web enabled**, Maritime Information System environment. **MariWeb** V8 has a **15 year heritage** that extends back to an innovative product designed in 2001 with an initial product release 3 years later in 2004.

MariWeb V8 embraces a wide range of new software technologies that ensures a **resilient and high performance** processing environment with a responsive, web enabled Human Machine Interface including real time Electronic Chart System that **includes S-63 and S-57 charts**.

The **MariWeb** V8 processes **all 196 publicly defined AIS messages** ensuring that all AIS messages are available in real time to **MariWeb** V8 users.

MariWeb V8 interfaces with **CCTV and radar systems** to provide an additional view in sensitive areas or where AIS coverage is not sufficient. **MariWeb** V8 is the foundation of **PortWeb**. See the **PortWeb** brochure for details.

The **MariWeb** V8 **historical data analytics** ensures that all data is stored in a high performance, Geographic Information System enabled database. The database is able to be queried with a wide range of ad hoc and / or scheduled hourly, daily, weekly, monthly and annual template reports. The report templates can be expanded at any time.
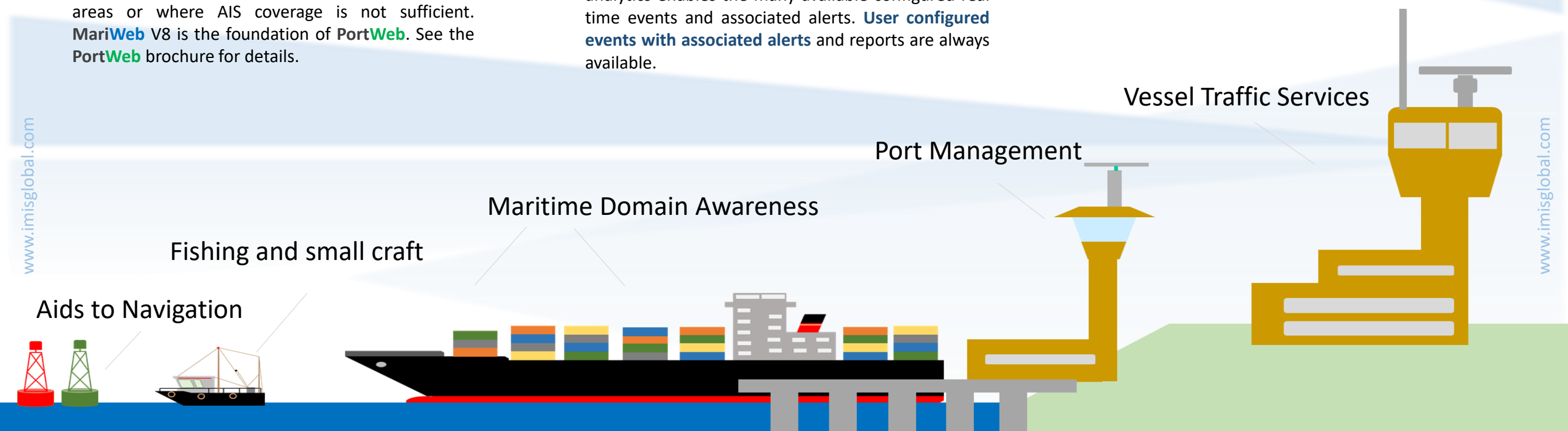
The **MariWeb** V8 connects to Terrestrial AIS, Satellite AIS, 3GPP, IoT and similar systems using a range of **open standard interfaces** that meet published standards. **MariWeb** V8 processes, stores and distributes **more than 10,000 messages a second**.

The **MariWeb** V8 **streaming data analytics** ensures that the AIS data is clean and secure. Streaming data analytics enables the many available configured real time events and associated alerts. **User configured events with associated alerts** and reports are always available.

Hosted **MariWeb** is a **multi-tenant system** with a sophisticated customer, user and data management system running in a **globally distributed private cloud** environment. The central storage node and backup storage facility is in the United Kingdom.

IMIS Global monitors and maintains the *Hosted* **MariWeb** system and ensures that this global service is active, running, secure and available for your **24/7 use with >99.9% availability**.

The **MariWeb** V8 Human Machine Interface provides a user friendly interface using a multiplicity of high resolution monitors or a single, handheld tablet that can **display more than 150,000 AIS targets**.

Vessel Traffic Services

Port Management

Maritime Domain Awareness

Fishing and small craft

Aids to Navigation

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MariWeb
Connecting the maritime world

Version 8

3GPP tracking device interface

Integrated cyber security

Visual Analytics

IoT enabled

Multi-tenant system

Radar interface

AtoN Monitoring

Navigational quality ECS

AIS base station configuration

>10,000 AIS messages per second

Real Time M2M data streams

Finely granulated permissions

High Performance GIS database

>200,000 vessels displayed

AtoN Management

196 published AIS messages decoded

CCTV interface

>200,000 tracked

AIS base station monitoring

AtoN Analytics

Historical Analytics

Open Standards

Real Time web ECS target updates

Vessel Density Charts

Streaming Analytics

High performance M2M streaming

>99.9% availability

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