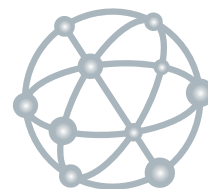




Castor VOYAGER

Manage the bandwidth of your Internet connections and secure your vessel operations.



CASTOR
M A R I N E

About Castor Voyager

The Castor VOYAGER Suite provides real-time visibility, control and protection of your internet traffic. By blocking undesired traffic, prioritizing application and securing your connection, the Internet will work smoother, end-users will enjoy a better user experience while your onboard network is protected from Cyber Threats.

Nearly all applications using the Internet have been developed without the limitations of satellite connections in mind. Without proper bandwidth management, key applications do not work properly and users suffer from poor experience. Of course we are keen to sell you higher speeds to overcome some of these issues, but your budget is better spent on blocking, limiting or prioritizing applications first before allocating budget for higher Internet speeds. **VOYAGER Command** makes sure your key company applications are not competing with bandwidth hungry applications such as iCloud, Windows Updates, Facebook Video and YouTube.

VOYAGER Protect secures vessel operations through Onboard Network Protection and Advanced EndPoint Protection services supported by a 24/7 Security Operating Centre. The service includes monthly reports per vessel detailing potential risk with recommendations to get your vessel's IT Infrastructure more secure.





Castor VOYAGER

VOYAGER consists of the following modules to help you manage and secure your internet traffic.

VOYAGER Analyze and Command are available as a do-IT-yourself tool and as a Managed Service whereby Castor configures VOYAGER based on your requirements and scheduled quarterly reviews.

VOYAGER Protect is a Managed Service module.

Analyze



Applications and user
traffic

Command



Enforce company
policies

Protect







Cyber Security

Castor VOYAGER Suite

VOYAGER allows for prioritizing, limiting and blocking on application level.

VOYAGER Analyze and **VOYAGER Command** module are an advanced tool to manage Internet traffic on a great level of detail through a user friendly interface without the need for an additional device onboard. VOYAGER provides insight in which applications use bandwidth and at the same time is a tool to prioritize, limit or block unwanted applications. This will give you control to assure the internet service is being used in line with the your requirements.

-  **ANALYZE** | displays which applications are using the internet connection. This module is included in your Internet service.
-  **COMMAND** | Prioritize, limit and block on application level.
-  **PROTECT** | Secures against Cyber Threats
-  **HOTSPOT** | Captive Portal allowing you to set Internet allowance per user per day or week across your fleet

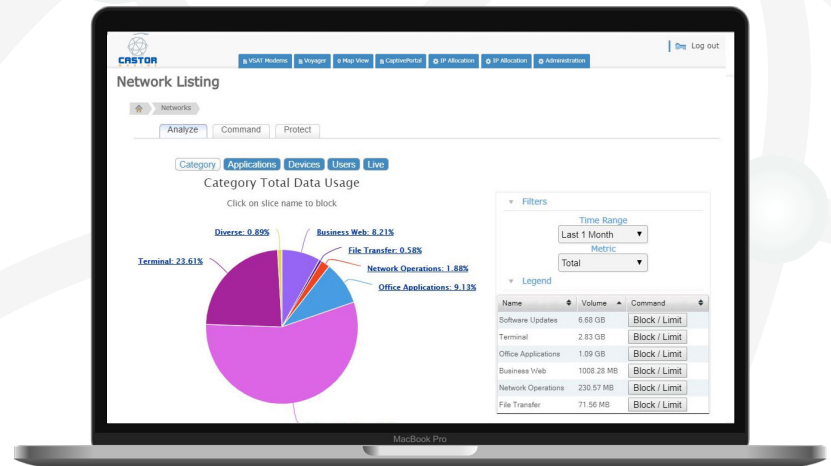
In addition, there is a (basic) Hotspot functionality: a teleport based Captive Portal allowing you to give users a bandwidth allowance per day/week.

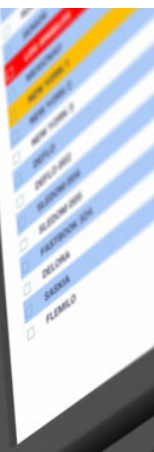
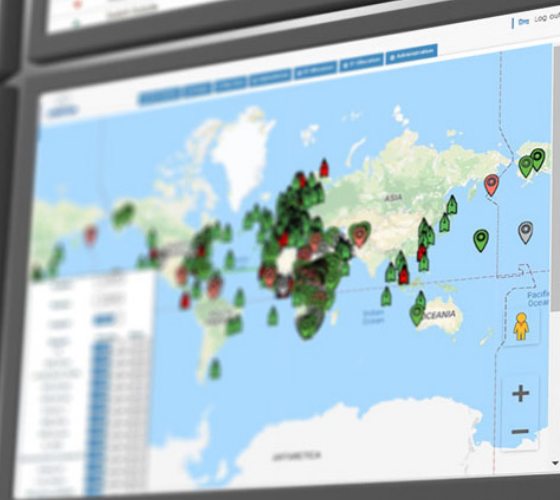
Read more about VOYAGER on www.castormarine.com/VOYAGER

VOYAGER Analyze

To help you understand the way your internet connection is used, we provide you with insight on your connection level, which is included in your service charges. **VOYAGER Analyze** shows a breakdown of your internet traffic by application category and per application. In our advanced set-up this includes insight on Fleet, Vessel, VLAN level and per IP address onboard.

VOYAGER Analyze gives insight, to take corrective measures we have **VOYAGER Command**.





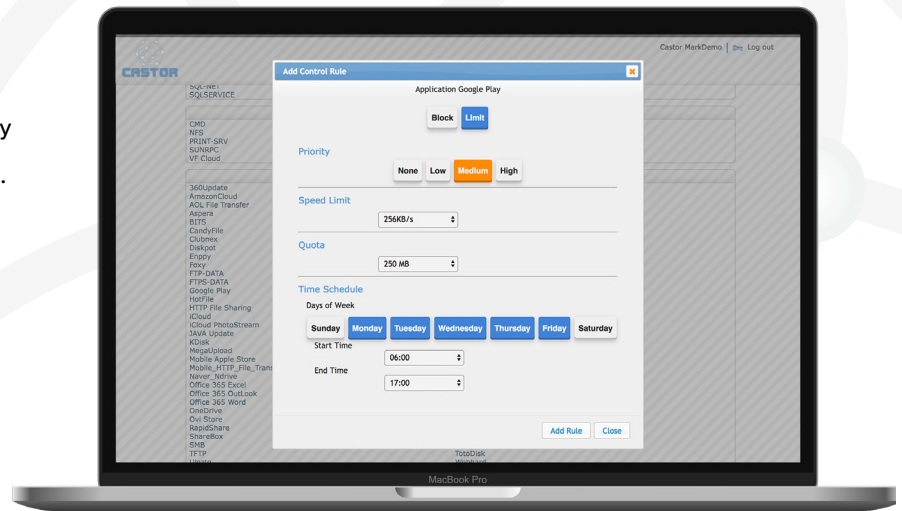
VOYAGER Command

VOYAGER Command allows for prioritizing, limiting and blocking application

A large portion of the your bandwidth is being used by non-business applications and applications that users are unaware off. These include Streaming, Social Media, Software Updates and Cloud Storage applications.

For some vessels we have found that more than 80% of the bandwidth is being used by software updates and non-business applications while at the same time the IT department receives complaints from Crew that e-mail is slow.

With **VOYAGER Command** you can configure which applications can use the internet connection and which applications have priority over others through our online customer portal.



Service Profiles

For your ease of use we have grouped and prioritized all applications and defined service profiles for specific cases. These allow you to select which profile best fits the desired use of your internet connection. Along with our standard profiles you have the ability to create your own personalized profile.

Standard



- Business and recreational applications are allowed, business has higher priority
- Streaming applications are blocked

Business Only



- Only Business applications are allowed, recreational applications are blocked
- Streaming applications are blocked

Welfare



- Business and recreational applications are allowed, business has higher priority
- Streaming applications are allowed





Customer Managed

It is of course also possible to completely manage the VOYAGER setup by yourself. Fine tune VOYAGER exactly to your needs.

VOYAGER Protect

Securing vessel operations is a priority for every fleet operator and ship manager, both shore-side and at sea.

VOYAGER Protect, protects your vessels against cyber security threats. The service components that keep you safe at sea include:

-  Onboard Network Protection
-  Advanced Endpoint Protection
-  24/7 Security NOC
-  Monthly Reporting

Onboard Network Protection

The Onboard Network Protection service is a 24/7 supported service by Port-IT based on WatchGuard Total Security Suite, a Unified Threat Management (UTM) solution tailored to the needs of the maritime market.

Advanced Endpoint Protection

A powerful multi-layered endpoint security solution for remote monitoring of onboard devices. Delivers IT security via multiple layers of protection by using ESET Endpoint Security. The service includes daily updates for all devices onboard using a special synchronization technique to minimize the impact on the internet connection.

Monthly Reporting

Receive monthly reports per vessel detailing potential risks with recommendations to get your vessel's IT Infrastructure more secure.

24/7 Security Operations Center

A 24/7 manned ISO 27001 certified facility where Network Security Engineers ensure your vessels stay protected. When threats are detected you will be immediately proactive informed.



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VOYAGER is part of the Customer Portal

VOYAGER is fully integrated into the overall Customer Portal which provides an overview of all your vessels. You can zoom into each vessels for a detailed analysis to see the statistics of a VSAT modem and usage of 4G simcard.




Key details include data like the bandwidth usage at any moment, total amount of traffic per day, bandwidth requested from a site, quality of reception/transmission and transmission and a lot of other useful information. All data are real-time.



Castor Marine

Castor Marine stands for reliable connectivity and IT services for Offshore, Commercial Shipping and the Yachting industries, the best possible service without third party dependence and support for your specific needs, wherever you are at sea.

Benefit from Castor's one-stop-shop solution:

-  Worldwide installation & support
-  Both Communication and IT solutions
-  Reliable network, thanks to our own teleports





Request your Castor VOYAGER demo!

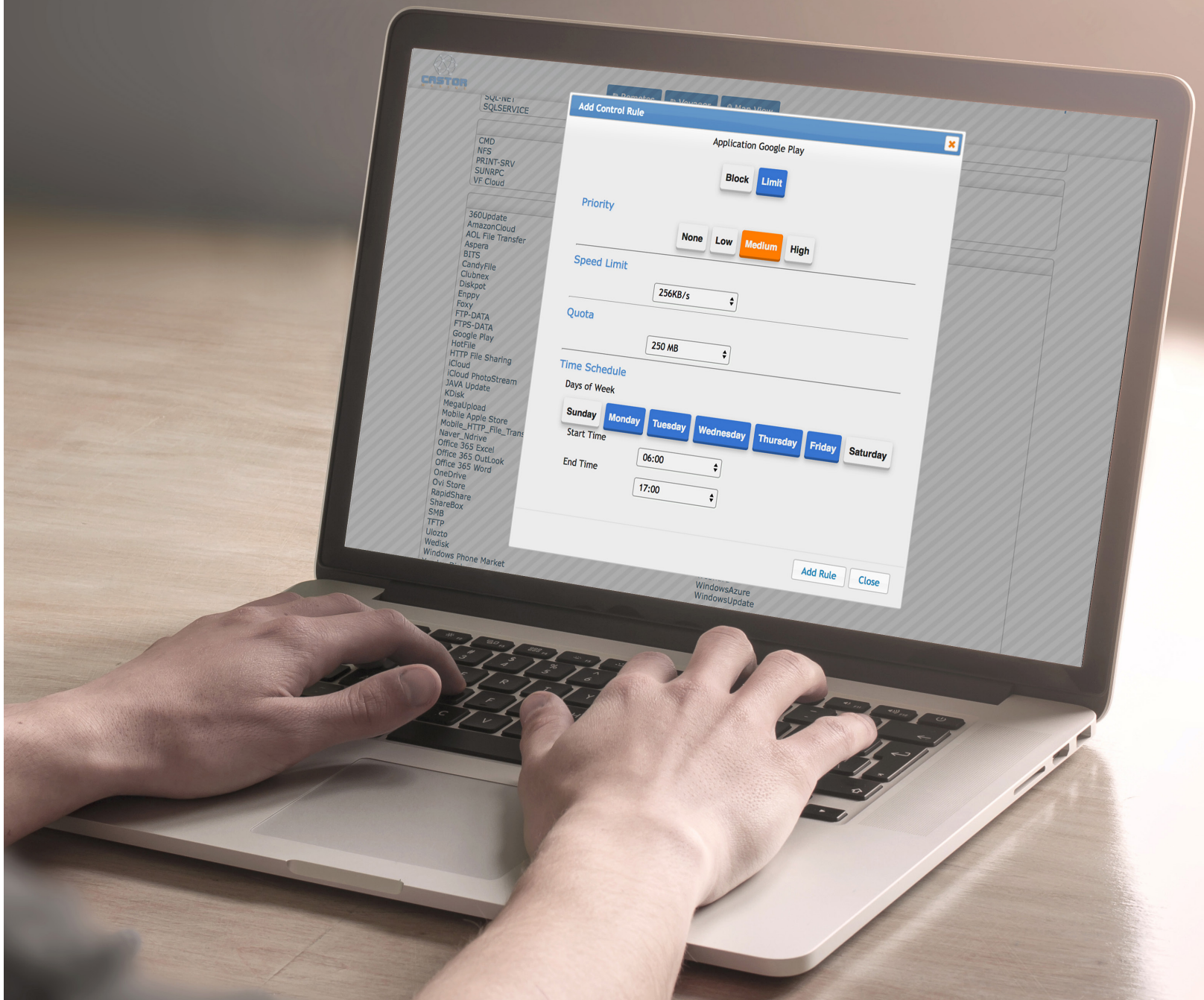
Please contact our Head Office

Utrecht | The Netherlands (HQ)

 Rijnzathe 4
3454 PV De Meern
The Netherlands

 +31 (0) 88 646 0100
 request@castormarine.com
 www.castormarine.com





Visit us online: www.castormarine.com