s@tGate

New version v10.5.1

Under the concept that developing S@tGate is an ongoing process driven by the maritime ICT ever-changing needs, new version v10.5.1 is released with features that improve the service and add new functionalities to the platform.

Those new features and helpful tools are incorporated in new units and for the established ones, automatic update procedure will be followed.

What's New

Enhanced Access to the vessel via 1 Public IP

Due to the fact that Static Public IP address is not provided by Starlink, there are difficulties from shore to ship access for different type of applications. With OTESAT-Maritel vessels, regardless the number of satellite terminals and which terminal is active, one common OTESAT-Maritel Public IP address is offered to access your good vessel.

Remote Tools

Critical troubleshooting can be performed via the s@tGate's remote console. There is no need for extra programs to be installed, rather than simple access to a web browser. Several useful tools can be used to check and troubleshoot the vessel LAN like ping, nmap (network scan), packet sniffer, live network load of the terminal. Moreover, it can be customized to meet customer's troubleshooting needs in the best way possible.
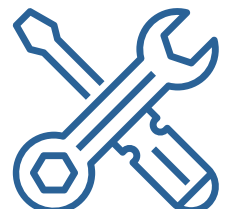
Firewalling

- ❖ Full Firewall control by Company Admin roles.

- ❖ A set (or sets) of vessel rules can be cloned to one or multiple vessels without having to create them from scratch for each vessel.

- ❖ Firewall Rules can be created without having to determine specific ports.

- ❖ Optimization to default firewall setup template.

- ❖ Tracking and record keeping of changes made to firewall rules (changelog) for troubleshooting purposes.

- ❖ Changes for safer rule creation (established, related).

- ❖ Simpler presentation of bidirectional firewalling rules, keeping one direction for the user interface.

- ❖ Bulk deletion of firewall rules.

- ❖ Automatic deletion of corresponding firewalling rules when Services are being deleted.

- ❖ Smart and direct apply of new firewalling rules without any reboot of the system.

- ❖ Automatic completion of company and vessel name details during firewalling rules creation.

- ❖ Firewall can support rules to specific destination DOMAINS for vessel's LAN devices (source IPs). New 'Chain' field in the firewall setup menu has been added with the name "Bypass". The Domain name is then determined in the corresponding "Domain" field.

- ❖ Configuring ports with ranges and multiple IP addresses is now permitted in the same firewall rule.

- ❖ Change to source & destination IP control of firewall rules so that IP ranges to be accepted with "–".
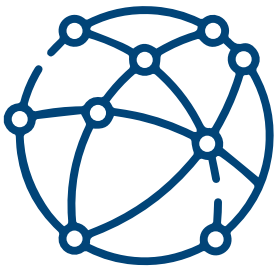
Networking, Interfaces, Security

- ❖ Direct on-the-fly "synch" of interfaces, firewall rules and services from server to vessel.

- ❖ Optimized synchronization between vessels and server regarding interface status (online/offline).

- ❖ Optimization in the transmission of analytical Web Logs form vessel to server.

- ❖ Security optimization for "REMOTE TOOLS" access on board the vessels.

- ❖ Optimization in the automatic update procedure of new versions to the vessels.

- ❖ Improvement in the monitoring of resources of vessel's satgates.

Dashboard Statistics
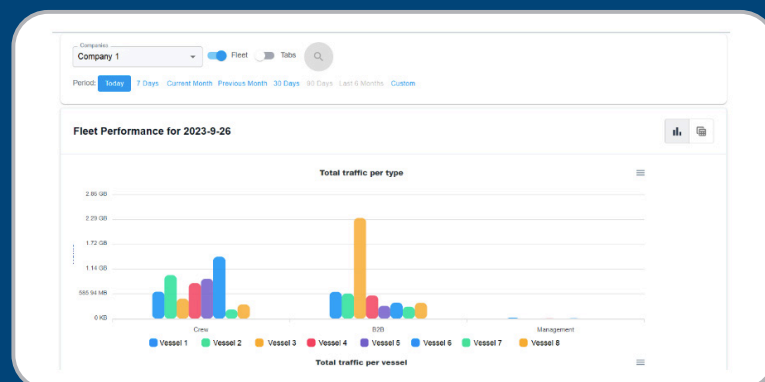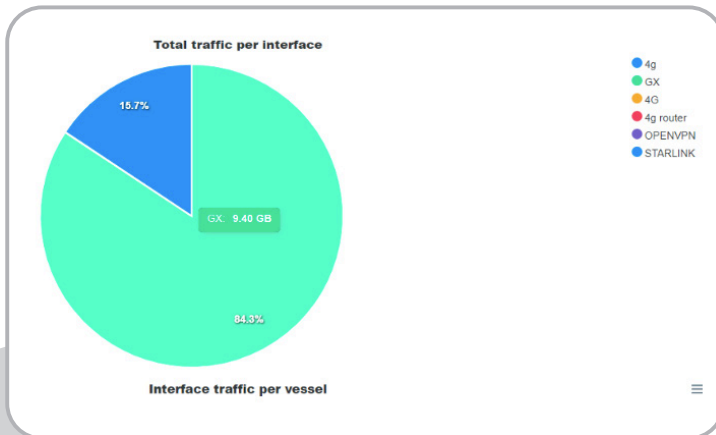
A variety of new statistic logs and display graphs have been implemented in the Dashboard menu of s@tGatgate Server's Web Portal. User can select the whole fleet or a combination of one up to 6 vessels.

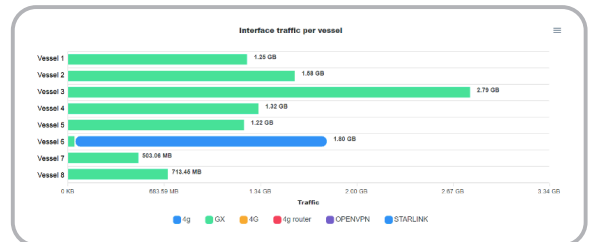❖ Total traffic per vessel in Business, Crew networks and management for administrative purposes.
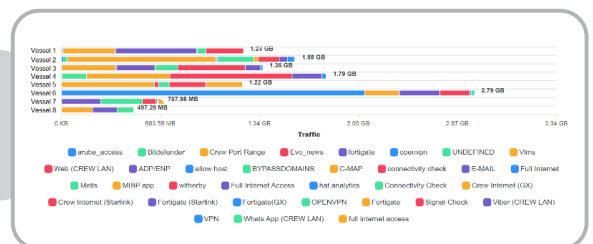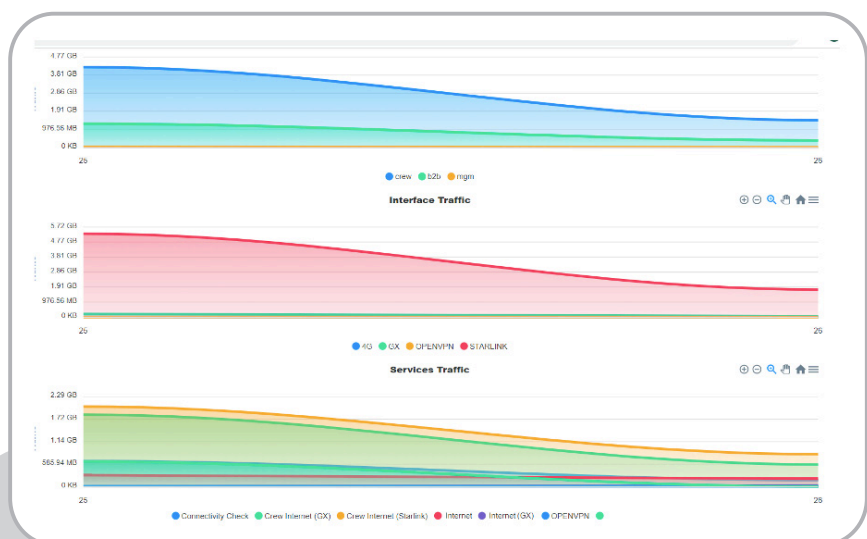
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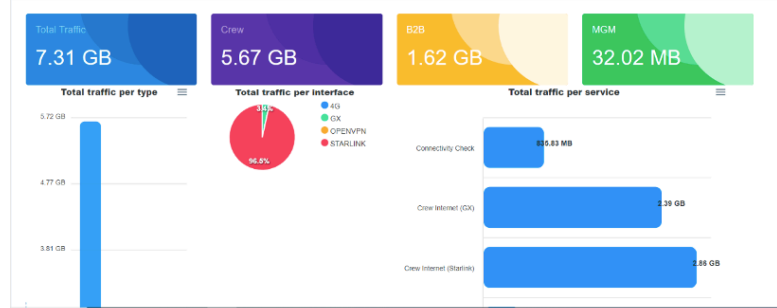❖ Total Traffic per Interface / Satellite System onboard.
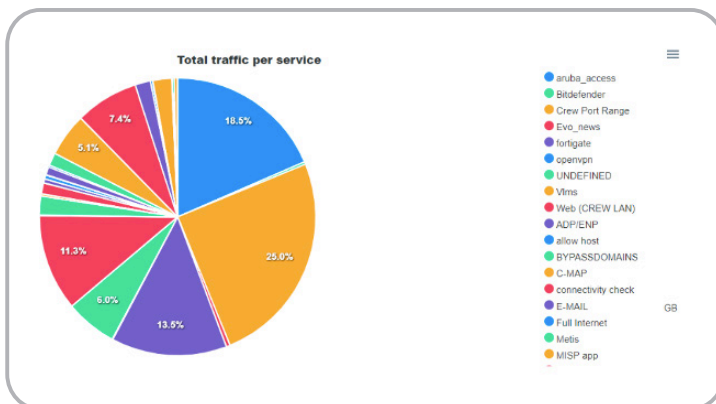
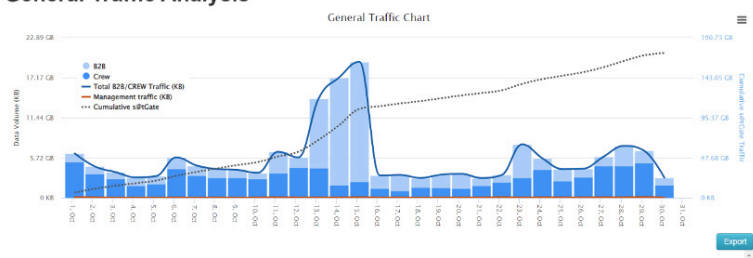❖ Traffic per Services running on board the vessel LANs.
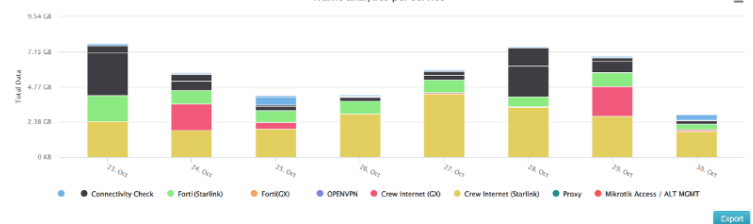
❖ Interface, Service and Network Traffic monitoring.

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- ❖ Vessel Performance.
- ❖ General Traffic Analysis and per service.
- ❖ Crew Internet Voucher sales statistics.

Additional features

❖ Server Two-Factor-Authentication using SMS to user's mobile phone.

❖ Time limit per day has been implemented for crew users (for example, it is not permitted the crew to browse the internet for more than 4 hours per day).

❖ Daily, weekly, monthly usage limits can be determined for specific user accounts.

❖ A maximum number of active devices per user can be defined to improve the control over the simultaneous data usage on board. Restriction to the number of devices per crew or B2B users.

Usage

Role *   All

Q Search   ⟳ Clean

Displaying 1-6 of 6 results

Role	Account	Daily Volume	Daily Time	Daily Units	Weekly Volume	Weekly Time	Weekly Units	Monthly Volume	Monthly Time	Monthly Units			
Crew	N/A	9,31 TB	1 day(s)	9.999.999.999,99	9,31 TB	7 day(s)	9.999.999.999,99	9,31 TB	210 day(s)	9.999.999.999,99	●	✎	🗑
B2B	N/A	1,91 GB	1 day(s)	999.999,00	9.54 GB	7 day(s)	999.999,00	95,37 GB	210 day(s)	999.999,00	●	✎	🗑
Crew	crewtest	976,56 MB	6.944 day(s)	99.999,99	9.54 GB	6.944 day(s)	9.999,99	976,56 MB	69.444 day(s)	1.000.000,00	●	✎	🗑
B2B	aggelos	9,31 TB	1 day(s)	9.999.999.999,99	9,31 TB	7 day(s)	9.999.999.999,99	30,00 GB	30 day(s)	9.999.999.999,99	●	✎	🗑
B2B	b2btest	4,88 MB	69.444 day(s)	999.999,99	4,88 MB	69.444 day(s)	999.999,99	4,88 MB	69.444 day(s)	5.000,00	●	✎	🗑
Crew	test2	3,05 GB	69 day(s)	1.000.000,00	28,61 GB	69 day(s)	5.000.000,00	47,68 GB	69 day(s)	10.000.000,00	●	✎	🗑

+ Create Usage   Export

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