



Proactive rest hour compliance made easy

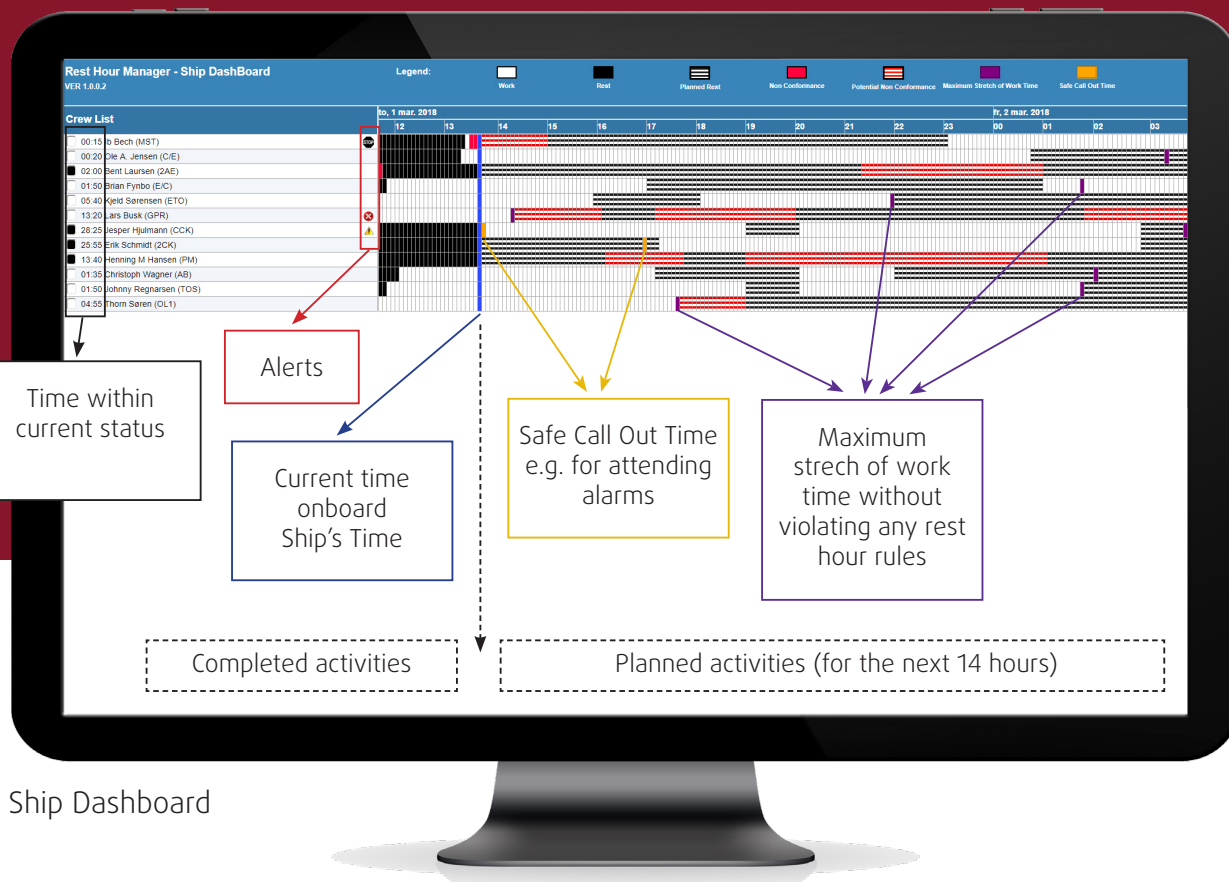
# REST MANAGER

with face recognition and real time validation of rest hour compliance  
including support for alcohol checks

[www.seasolutions.dk/restmanager](http://www.seasolutions.dk/restmanager)

**sea SOLUTIONS**

MLC2006 2.3 / Manila Amendments 2010 / ILO180 / OPA90



Ship Dashboard

The MLC 2006 Rest Hour Regulation is utterly important due to the grievous and costly consequences non-compliance might have.

The task to comply with all relevant rules and regulations has however proven to be very cumbersome.

### Fatigue Management

is a priority indeed. Ship operators need a better ability to prove to the customers (Oil Majors in particular) that Fatigue Management is a high priority area in their Risk Management Strategy, in order to provide them with a higher level of assurance.

Common practice today is to document the rest hours once work tasks are completed; meaning that violations are only realized after the fact.

### Simplifying processes

This is why we have taken a different approach by integrating latest technology to deliver an innovative solution which is easy to use and enabling a truly proactive compliance overview in real time.

Utilizing face recognition technology, and tablets/scanners at strategic locations onboard, work and rest hour data entries are made simple since our new generation REST MANAGER systematically updates live data and checks for all compliance aspects in a 5-minute real time cycle.

A specially designed dashboard monitor, email-based warning system, comprehensive documentation and management statistics are built-in features designed to make compliance transparent for the Master and Crew on board as well as all stakeholders a shore.

**Statement of Compliance** has been issued by Lloyd's Register, along with acknowledgements received from various Flag States. e.g. the Danish Maritime Authority and Isle of Man Ship Registry.

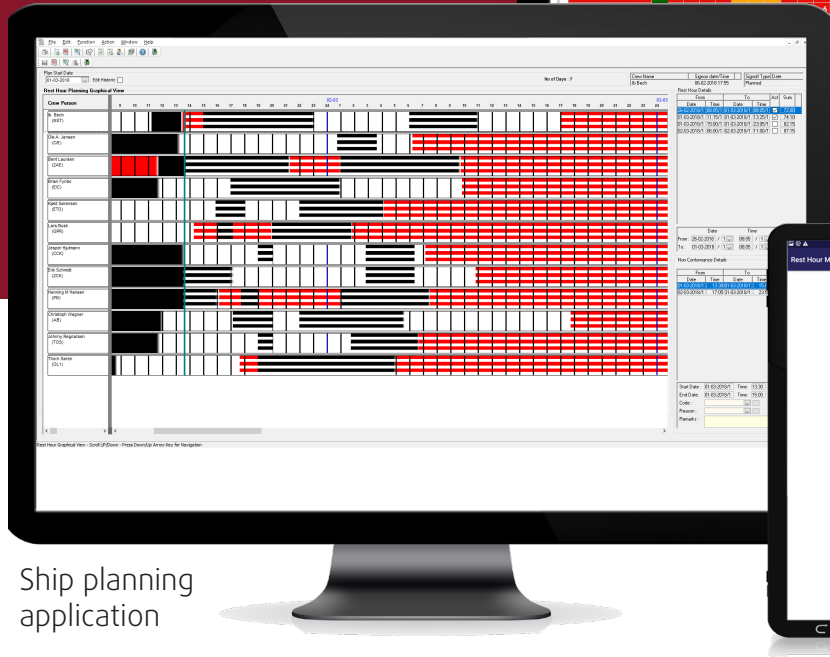
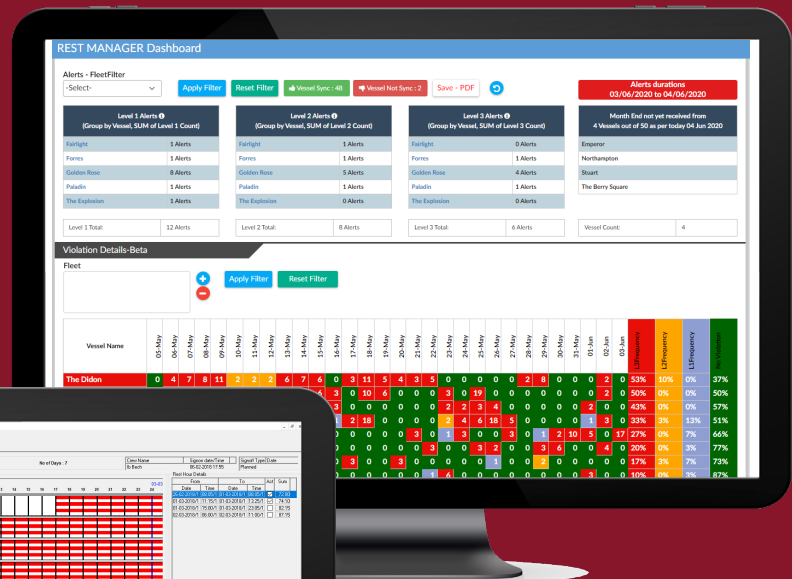
### Compliance

REST MANAGER offers full compliance with MLC 2006, Regulation 2.3, ILO Convention No. 180, the US OPA 90 and STCW95 / Manila Amendments 2010.

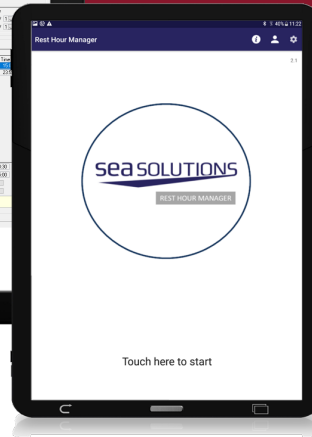
### On board alcohol checks

can be managed by REST MANAGER as an option, using bluetooth based breathanalyzers in conjunction with the check in process or based on defined nomination rules.

On shore Dashboard



Ship planning application



On board registration app

## Planning and notifications prevent violations

REST MANAGER integrates enhanced user interface with easy-to-use features to deliver a truly proactive compliance experience:

### Reduced cost

Ship Operators get a higher level of transparency on resource management which will lead to better optimization of crew resources

### Easy to use

Crew only needs to check in and out of work using tablets/mobile devices with fast face recognition technology.

### Adaptable

Time adjustment functionality to calculate and check work and rest hour compliance as vessel adapts to local time zones, including International Dateline crossing.

### Transparent

A Monitoring Dashboard on dedicated TV screens on board or on web browsers offers real time overview of each crew's work and rest hour status.

### Alert

Built-in warning system, which is easy to configure, sends emails to ensure immediate action onboard.

### Efficient

Instantly checking for compliance in 5-minute intervals - in real time - to warn of potential non-conformances well in advance for optimal planning of work and rest hours.

### Intuitive

Depicts each crew member's maximum stretch of working hours without risk of rest hour violation upon commencing duty.

### Clever

Shows the safe call out time for resting crew members without them violating the rest hours in case of urgent and unscheduled assignments.





## Your partner in proactive compliance

SeaSolutions is a leading provider of specialized maritime IT solutions; supporting more than 100 shipping-related organizations, ranging from the smallest to the largest shipping companies in the world.

We can support our customers with all services related to **REST MANAGER** including hardware as well as deployment and cloud hosting services.

**SeaSolutions and Teekay Tankers** have partnered in developing the new concept and solution which is now running onboard all Teekay Tankers vessels.

### Contact us

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