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E-SMART introduces proactive safety analyticals

International Terminal Solutions are pleased to announce the launch of a new Straddle Carrier operational safety module.

The module is a further expansion of the [E-SMART](#) management tool providing an instant visualisation of the plant and equipment operated across the port. This new module is different to most other safety related systems as it is designed to identify issues and trends before an accident occurs. This philosophy allows the management to take proactive remedial action based on unequivocal facts and thus avoids all the post-accident complications associated with serious and potentially fatal incidents.

The new module allows management to identify areas of the yard where the layout or inadequate yard maintenance may cause Straddle Carrier instability, and is able to quantify this in easily understood screens. It will identify individual Straddle Carriers with poor stability performance, and provides KPI data about an individual operators safe operational performance, highlighting those demonstrating the highest risk before the operator is involved in an accident.

Early indications from trial sites are showing great results, with the terminals pre-emptively tackling issues head on and being able to solve them at a much earlier stage.

Allan Jones, Head of Business Development at ITS commented “it is gratifying to see how quickly potential risks were exposed. For forward thinking terminals we are helping them to avoid accidents in areas where the risk was previously difficult to quantify and are also highlighting previously unidentified potential hazards. With clear information at their fingertips it is very quick and easy for management to see the issues, as it takes only a glance using the E-SMART KPI tools and on screen graphs and charts to clearly identify areas for concern. The system is making a real contribution to employee welfare and minimising operational disruptions caused by accidents.”

Within this release of E-SMART are other safety monitoring features such as Emergency Stop and fire detection alerts. This new version follows on from the recent upgrade earlier this year with additional general engineering/operational parameters such as live monitoring of fuel levels, engine status and fault monitoring.



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