



Securitrac Module 1 & 2

An application using e-tags and reader to manage compliance with the ISPS Code

Outline

Module 1

Securitrac Module 1 is a document management system that allows all the data required under the ISPS code (as interpreted by the International Chamber of Shipping) to be filed and managed in one place assisting in managing tasks and providing an electronic audit trail of compliance with safety procedures.

Module 2

Module 2 uses the Datatrac reader and electronic tags as proof of presence for security rounds. Data captured is automatically downloaded into the document management system as described above.



Rugged PDA with eTag Reader

Features and Benefits

- Provides for recording all the data required under the ISPS Code, as interpreted by the International Chamber of Shipping so that all data related to ISPS is kept in one system giving an electronic audit trail and prompting for the SSO.
- Automatically creates "Declaration of Security" between ship and port;
- Provides auditable proof of compliance;
- May be adapted to suit individual clients' security procedures;
- Module 2 makes use of the eTags to provide a record of Security Rounds.
- Irrefutable proof of what was done in every set of rounds.
- Automatic reporting reduces the work of the SSO
- Provides secure data for proof of compliance.
- Simplifies complex task requirements making compliance more achievable.

Designed for :

Ship Owners,
Technical Managers,
Port Authorities

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The Technology

Handheld Reader with Electronic Tags

What it does

Datatrak have combined a PDA with their own reader head in order to contact with and read data from electronic tags. This creates an electronic link between an object and a database. The resulting handheld reader is easy to operate with only one hand even when the operator is wearing a work glove.



PDA: Rugged PDA with Datatrak eTag

How it works

The contact memory tag is an electronic chip in a ruggedised case that has been manufactured with a unique identification number.

- The Datatrak solution provides that electronic tags are securely placed, either around a work area such as a vessel or on specific pieces of equipment.
- When the tag is touched by the Datatrak reader head a circuit is completed that enables the reader to read the identification number and any data saved on the tag.

The software in the PDA recognises the tag identification and through the Datatrak software program always records the time and date of contact for proof of presence and /or prompts the operator to take one or more specific actions.

If you think you have an activity which could benefit from our data capture technologies we would like to discuss it with you.

Contact jtobin@datatrak.co.uk



Oxley eTag

Operational Use

At the commencement of his tasks the operator would have been required to enter his own unique identification (PIN) to activate the PDA. At the end of a sequence of tasks the PDA is then docked in a cradle or connected by a lead to a computer and the data collected from the tags is downloaded automatically into the Datatrak management database.

It can then be imported into the client's own planned maintenance system or can be retained as a record of actions actually completed for compliance purposes.

After completion of the round the operator is not required to take any further actions, and does not need to update any maintenance record by typing into the computer.

The tag and reader automatically record the time of contact which avoids the necessity of entering time data and acts as an accurate proof that a task was performed, when it was performed and by whom.



Rugged PDA with Datatrak eTag Reader with remote readerhead

**Get to know more about Datatrak Solutions by ordering a Starter Pack now.
e-mail: sales@datatrak.co.uk or phone 020 7377 5773**