

# SENTINEL

## Security Intelligence and Incident Logging System



Lack of data in security management cause inaccurate information about security performance, related to:

- How many incidents occur during this month, last month, daily, monthly, yearly?
- How much loss (properties or life) during specified time in specified location?
- Which location & what type is the incident mostly occurred?
- Who is the most suspected person or party?
- How is the most incident's modus operandi?

In several countries, such as US and Canada, security/safety-related information systems have been established nation-wide

- US Academy of Science establishes patient safety reporting system
- US Coast Guard and the Maritime Adm. establishes a voluntary international maritime information safety system
- The Transportation Safety Board of Canada establishes confidential incident reporting system

Such system is usually known as *Security Incident Reporting System*, atau *Incident Reporting Information System (IRIS)*

**"SENTINEL is  
A unique solution  
for managing  
security incident"**

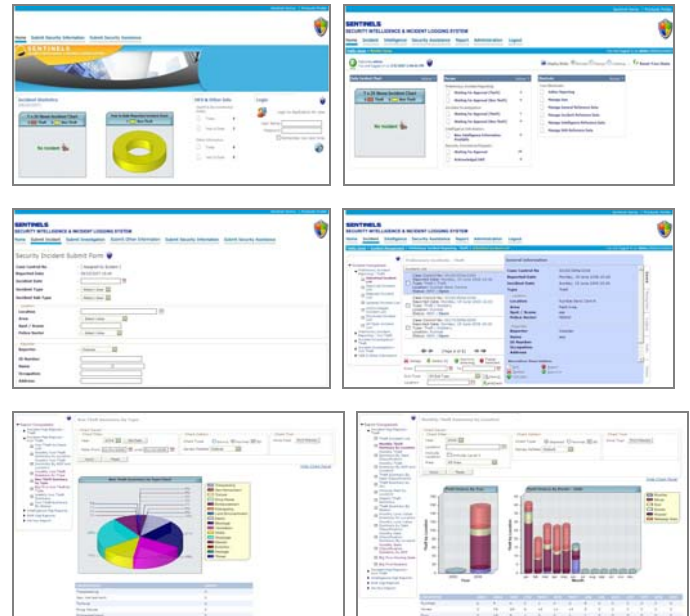
**Security Intelligence and Incident Logging System (SENTINEL)** is an application used to:

- Facilitate incident reporting/logging
- Manage investigation
- Analyze incident data for preventive effort (intelligence)
- Request and manage security assistance
- Report security performance to Management

### Modules and Features

- **Incident Management**  
*Simplify incident reporting; Approve or reject incident; Close or disclose incident case*
- **Investigation Management**  
*Register related incident to be further investigated; Assign investigator; Report investigation result; Close or disclose investigation, Trial monitoring*
- **Intelligence Information Management**  
*Facilitate the reporting of intelligence or any pre-incident information; Validate/invalidate intelligence information; Follow up the intelligence information into investigation*
- **Security Assistance Management**  
*Submit the Security Assistance Request(SAR); Review, approve or reject SAR; Report SAR implementation; Confirm SAR completion and rate the satisfaction level by requestor*
- **Report**  
*Used to display all modules reports in pre-defined reports. Also feature of Ad Hoc Reporting Tool*
- **Administration**  
*Used to manage SENTINEL application & master data*

### Application Captures



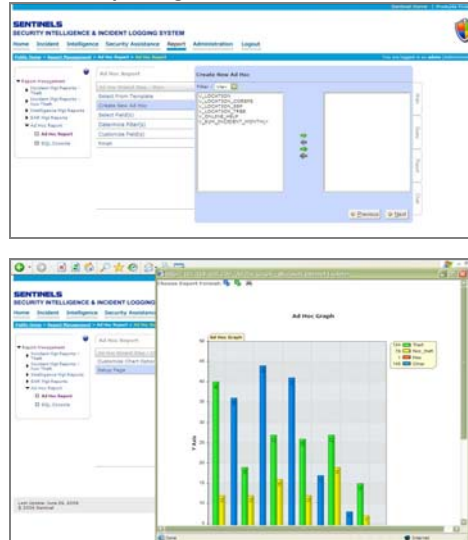
### Technology

- Platform
  - Development: **.NET 2.0**
  - OS: **MS Windows Server 2003**
  - Web server: **Microsoft IIS**
  - DBMS: **Oracle Database 9i/10g**
- Data provider and O-R mapping:  
**Oracle Client & NHibernate**
- Charting: **dotnetCHARTING 4.0**
- AJAX: **ASP.NET AJAX Extension (Atlas)**

### Technical Features

- Web-based (ASP.NET)
- Intuitive, easy-to-use, & sophisticated UI
- Implement best-practice business process (has been implemented in **PT. Chevron Pacific Indonesia**)
- AJAX implementation
- Powerful reporting tool: **Ad Hoc Reporting**

### Ad Hoc Reporting Tool



For further information, please contact:



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