Integrity Status Report (ISR)

Brief Description:	Live (or near live) reporting of multiple categories of asset integrity status using traffic light convention and configurable reporting rules, drawing data from multiple sources
Front End Software:	Web-Based (Internet Explorer 6.0 or newer)
Database Platform Supported:	MS Access, Oracle, MS SQL Server (any version)

Functionality Details:

The ISR concept is to make up-to-date asset integrity status visible across all categories, regardless of the data source. This provides asset managers and technical staff an easily accessible overview of integrity status, with the opportunity to drill-down into the details of areas of concern as required.
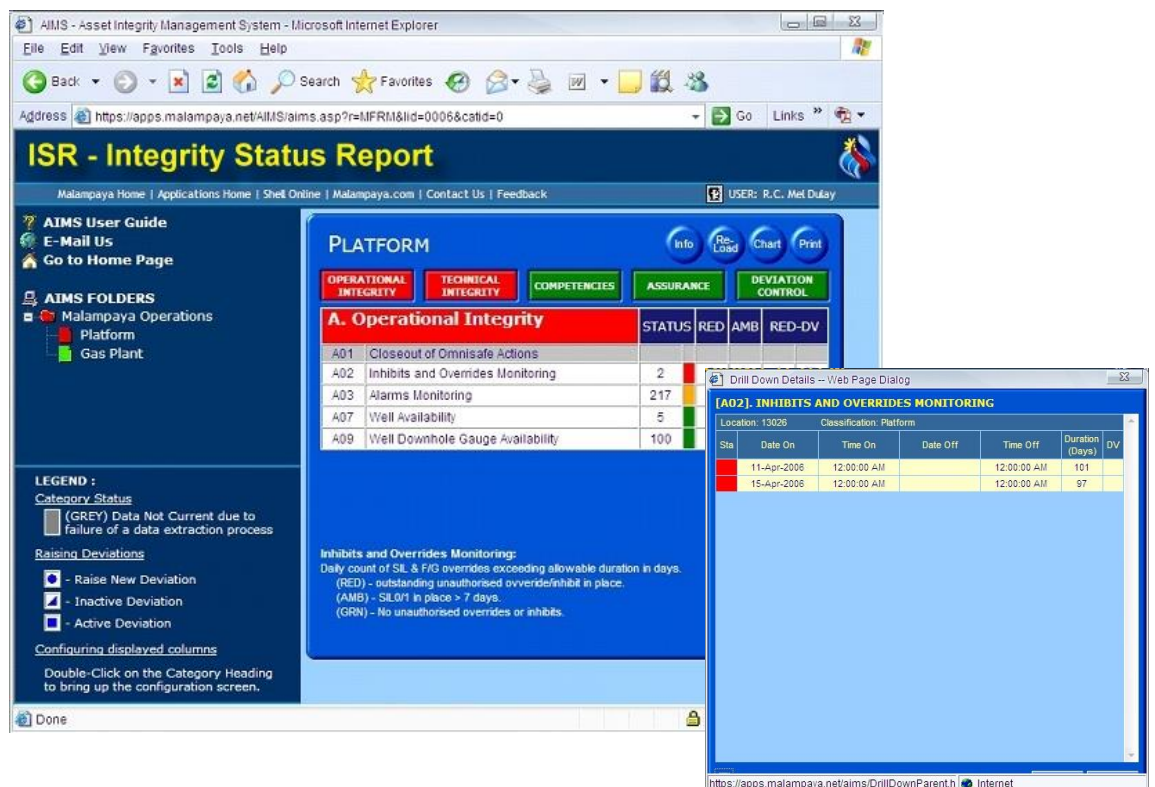
ISR reports integrity status against rules that have been documented and agreed to by the client. Hence a RED reported by the system means an "unacceptable condition" by the client's own definition.

Each client will have a unique situation regarding existing data sources, and each client will have their own requirement for integrity categories and sub-categories, as well as integrity reporting rules.

Each level of the ISR application is configurable without additional programming: e.g. asset hierarchy, integrity categories and sub-categories, integrity reporting (traffic light) rules, reported information/level of detail, user list and user rights.

The system uses a staging area for integrity relevant data, into which updates can be configured on differing frequencies for each data source.
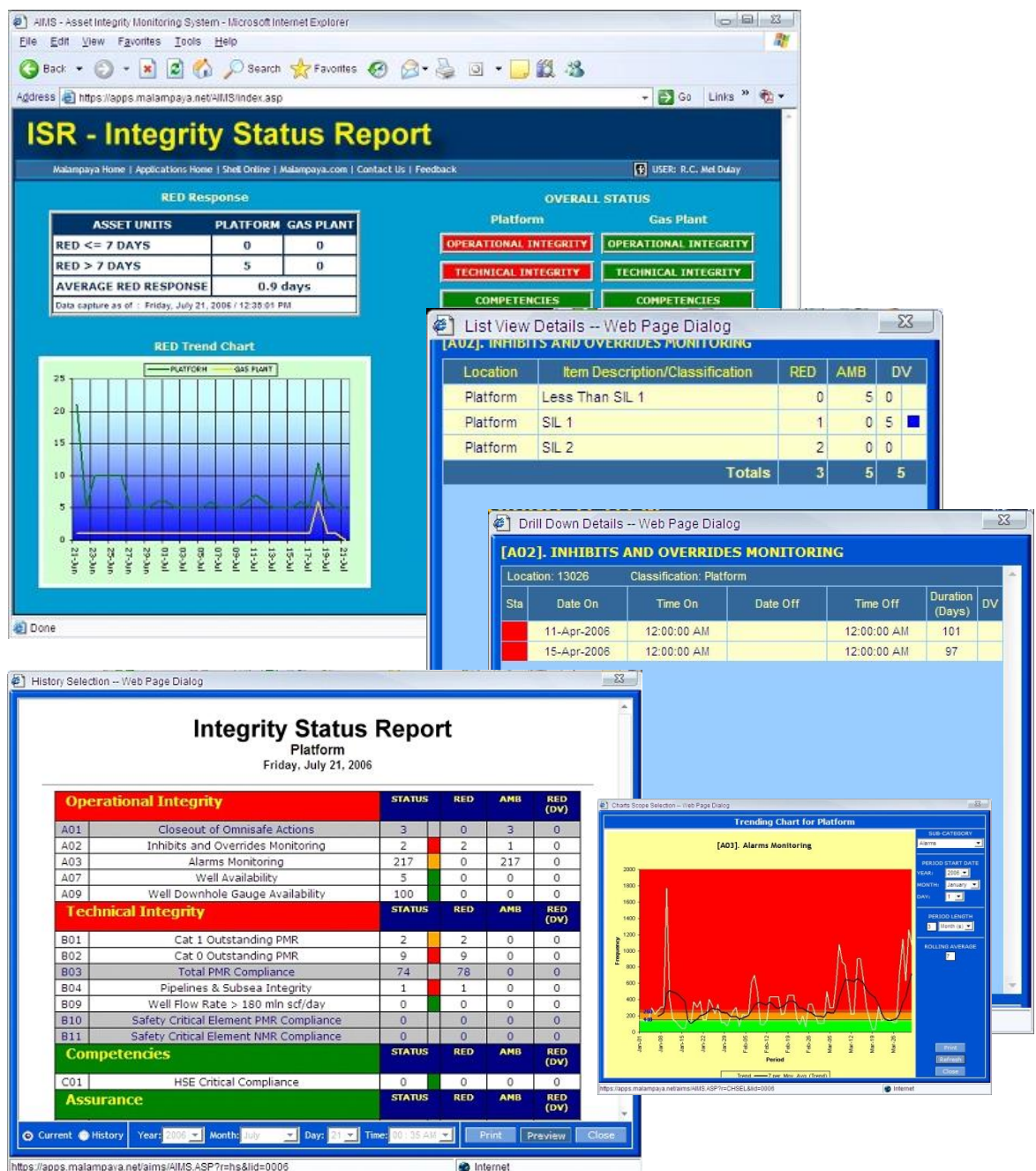
The ISR application can be used stand-alone, or integrated with the DevCon application, which is designed to manage responses to RED conditions.

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ISR includes the following specific functionality features:

- Web-based front end
- User registration, role assignment, user rights assignment
- On-screen display and function permissions according to user role
- Two level drill-down details
- Event driven automatic email notification to configurable recipients
- Automatic update of information and integrity status from multiple data sources
- Paperless, real time reporting, configurable to follow client's integrity status rules
- Suite of reports and trending charts
- Customizable dashboard or splash screen to suit client requirement

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