

Level 3 ENVIRONMENTAL COMPLIANCE DATA MANAGEMENT SYSTEM (ECDMS)

CASE STUDY

PROJECT GOALS:

1. To significantly improve resource efficiencies with a visual and live data aggregation system that optimizes global asset management and significantly reduces environmental liabilities and corporate risk.
2. To enhance system intelligence across multiple operational platforms.
3. To demonstrate sustainable business practices.

PROJECT SCOPE:

Full integration with existing platform and operating IT systems.

- Creation of 1500 site profiles containing dynamic data from many sources.
- Auto verification function that compares current site and asset data against all applicable regulations.
- Auto alert generation whenever an asset change crosses a regulatory threshold, whenever deadlines are approaching or whenever applicable regulations change.
- Export of all types of asset data into a Google Earth viewer.
- Auto report generation for Tier II reports and HazMat plans.
- Shared calendar function showing upcoming deadlines.
- Field facing portal on mobile devices.
- Real-time integration with national regulatory service.
- Expansion of services to support enterprise sustainability efforts.

UNIQUE FEATURES:

- Full Integration with Existing Systems
- Auto Verification of Regulatory Compliance
- Auto Alert Generation
- Auto Report Generation
- Google Earth Integration
- Field Facing Portal

MEASURABLE RESULTS:

- Reduction in corporate risk
- Reduction in environmental liabilities, health and safety
- Avoidance of repeated fines
- Improved data accuracy and critical response time
- Improved decision making
- Increase in staff efficiency
- Overall time /money saver



DOCUMENT ACCESS
Documents and maps linked to assets are accessible by clicking on the image.



DATA ACCESS
Cross-system data can be accessed through one web portal.



REAL-TIME ASSET STATUS
Immediate status visualization, assets symbolized according to custom verification checks.



ALERTS AND WARNINGS
Alert summaries allow rapid response to risk potential and immediate corrective action measures.