



# Overview Presentation

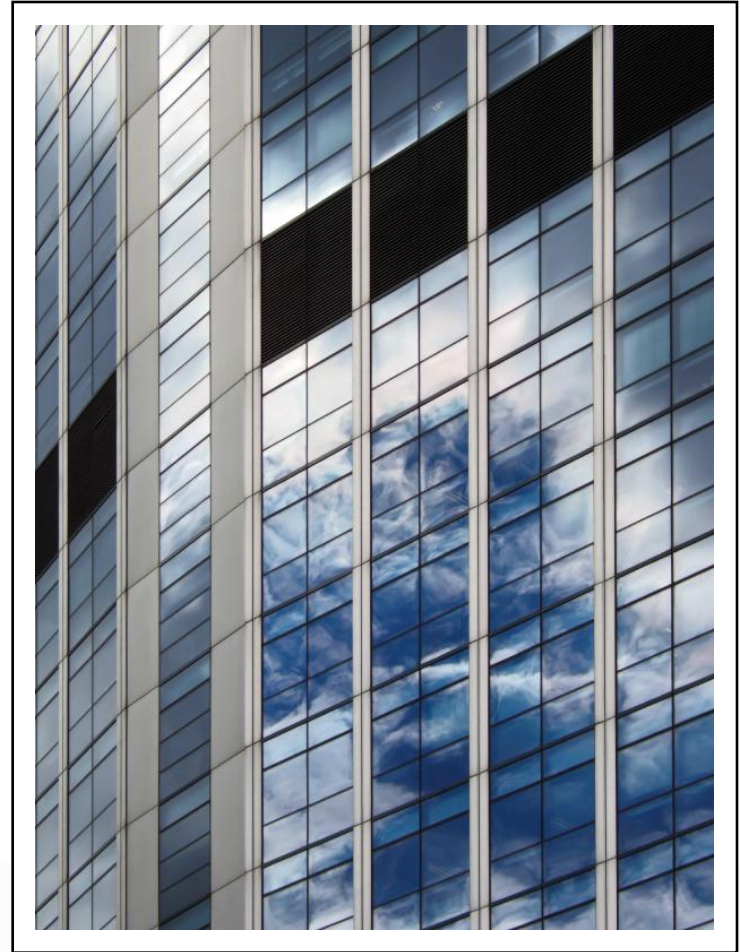
**VisionMonitor Software, LLC**

# Introduction to VisionMonitor

- **Founded in 2000 by Houston-based technology and business experts with a background of providing web-based software solutions.**
- **Corporate headquarters in Houston, TX**
- **Provide the Compliance Intelligence™ software suite to enable companies to manage Operational and Environmental Risk**



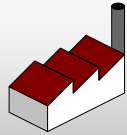
ISV/Software Solutions



# Environmental Risk Management System™ (ERMS)



# Industries and Solutions



## Industries

- **Oil & Gas**
- **Petrochemical**
- **Refining**
- **Utilities**
- **Pharmaceutical**
- **Cement**
- **Healthcare**
- **Manufacturing**



## Data Management Solutions

- **Greenhouse Gas**
- **NOx**
- **Title V**
- **Safety**
- **HRVOC**
- **Event Management**
- **EMS**
- **ISO 14001**
- **Task Management**
- **Many, many others**

# VisionMonitor = Performance

Thousands of  
Data Parameters

Multiple  
Data Historians

Multiple  
Locations

**1 ERM System**

**Compliance**



**Intelligence**



# VisionMonitor Compliance Intelligence™ Suite

# Personalized Dashboard with Real-Time Data

The screenshot displays the VisionMonitor web application interface. The top navigation bar includes links for Home, Help, and Log Out, along with a breadcrumb trail: VisionMonitor > EPA > TCEQ > DE Calculator. The main menu contains tabs for Home, Information, Compliance, Data Repository, Prediction, Event Manager, and Task Manager. The left sidebar features sections for Preferences, Weather and Safety, Web Alerts, and Current News. The main content area is titled 'Information Center' and includes a 'Weather Station' widget with real-time data for Monday, January 07, 2008, at 1:25 PM. Below the weather widget is a safety alert: 'Have a Safe and Healthy Day!' with statistics: 45 Days since last Lost Time Injury, 65 Days without an OSHA Recordable, 120 Days without a Reportable Release, and 75 Days since last Emergency Alarm. The 'Emissions Report' section features a bar chart titled 'Emissions Intensity' showing data for 2004, 2005, 2006, and 2007. The chart compares Emissions Intensity (Ton), GHG Total Emissions (Ton), and M3 OE(Cu Meter) across these years. Below the chart are two performance indicator tables: 'NOx Emissions Performance Indicators' and 'CO2 Emissions Performance Indicators', each showing status for various units.

**Weather Station**  
 Monday, January 07, 2008 1:25 PM  
 Wind: 10 mph, Barometer: 30.23, Temp: 75.1°  
 Humidity: 30%  
 Direction: 250°  
 Weather information is current up to this minute.

**Have a Safe and Healthy Day!**  
 45 Days since last Lost Time Injury  
 65 Days without an OSHA Recordable  
 120 Days without a Reportable Release  
 75 Days since last Emergency Alarm

**Emissions Report**  
 Emissions Intensity

Year	Emissions Intensity (Ton)	GHG Total Emissions (Ton)	M3 OE(Cu Meter)
2004	~0.35	~0.10	~1300
2005	~0.35	~0.12	~1400
2006	~0.32	~0.10	~1350
2007	~0.35	~0.12	~1400

**NOx Emissions Performance Indicators**

UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 7	UNIT 8	UNIT 9	UNIT 10	UNIT 11	UNIT 12	UNIT 13
Alert	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good	Good

**CO2 Emissions Performance Indicators**

UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 7
Good	Good	Good	Good	Good	Good	Good

# Compliance Management

The screenshot shows the VisionMonitor Compliance Manager interface. The top navigation bar includes 'Home', 'Reg Change', 'Reg Change Map', 'KPI', 'Information', 'Compliance', 'Data Repository', 'Predictive', 'Event Manager', and 'Task Manager'. The 'Compliance' tab is active, showing a list of open compliances. The left sidebar contains a tree view of the compliance structure, with 'LB Area' selected. The main content area displays a table of compliance items.

Title	Description	Last Modified	Modified By
<b>General Safety</b>	General Safety	2/15/2007 3:50:00 PM	West, Randy
<b>Management System Inspection</b>	Management System Inspection	9/1/2006 2:34:00 PM	Admin, Sys
<b>Method 19 Stack Test</b>	Method 19 Stack Test	3/19/2007 3:59:00 PM	West, Randy
<b>Training and Understanding</b>	Training and Understanding	9/1/2006 2:35:00 PM	Admin, Sys

# Compliance Checklist

Compliance Checklist Items for LB 10										
General Safety - General Safety										Show only checkbox items ▾
Due Date : 1/12/2008 11:59:59 PM										
More	Index	Item ID	Check	Item Name	Input	Log Entry	Exception	Details Link	External Link	History Link
	1.1	110	<input type="checkbox"/>	Equipment and Cabinet Labels ▾	Yes ▾		No ▾			
	1.2	122	<input type="checkbox"/>	Combustable Materials ▾	<input type="text"/>		No ▾			
	1.3	111	<input type="checkbox"/>	Emergency Sprinkler System ▾	Yes ▾		No ▾			
	1.4	123	<input type="checkbox"/>	<b>Pressure Reading</b> <a href="#">Item Description:</a> Measure pressure on main lines and input value in the data entry field. <a href="#">Note Text:</a> - none - <a href="#">Citation / Requirements:</a> - none - <a href="#">Log Entry:</a> - no log entered -	<input type="text"/> Optimum: 150 PSI - 225 PSI		No ▾			
▲	1.7	124	<input type="checkbox"/>	Date of Last Safety Training ▾	<input type="text"/>		No ▾			
	1.8	114	<input type="checkbox"/>	Fire Extinguishers ▾	Yes ▾		No ▾			
▲	1.10	116	<input type="checkbox"/>	Eye and Face Protection ▾	Yes ▾		No ▾			

Save Reset Continue Exit

# Event Management

The screenshot shows the VisionMonitor software interface. At the top, there is a navigation bar with the VisionMonitor logo and links for Home, Help, and Log Out. Below this is a secondary navigation bar with tabs for VisionMonitor, TCEQ, EPA, EIA 1605EZ, and DE Calculator. A third navigation bar contains tabs for Home, Reg Change, Reg Change Map, KPI, Information, Compliance, Data Repository, and Predictive. The main window title is 'Event Manager' and it has a menu bar with options: Convert, Pipe Volume, Spill Volume, Comp Weight, Overfill (L), Overfill (V), Thermal, and PSV Relief.

The central part of the window is titled 'Add New Event(s)'. It features a sub-menu with 'Edit', 'Options', and 'Help'. Below the menu is a prompt: 'Click an Item to Edit/Update its Settings'. The main area contains a tree view under the heading 'Event List'. The tree structure is as follows:

- Event List
  - Injury - [Click to edit] (Incomplete)
    - Injuries
      - [Click to edit]
    - Investigations
      - [Click to edit] (Incomplete)
  - Upset - [Click to edit] (Incomplete)
    - Environmental
      - [Click to edit] (Incomplete)

At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'.

# Task Management

The screenshot displays the VisionMonitor Task Tracker interface. At the top, there is a navigation bar with the VisionMonitor logo and links for Home, Help, and Log Out. Below this is a secondary navigation bar with tabs for Home, Reg Change, Reg Change Map, KPI, Information, Compliance, Data Repository, and Predictive. The main content area is titled 'Task Manager' and contains a 'Task Tracker' section. This section has a sub-header 'Available Tasks' and buttons for Add, Criteria, Search, HTML, Excel, and Reset. The tasks are listed in a table with the following columns: Entered Date, Status, Name/Description, Assigned To, Urgency, and Due Date. The tasks are grouped into categories: [Corrective Action Maintenance] - Sticking PRV, [Corrective Action Maintenance] - Work Order Generation, [LB Inspection] - LB Continual Improvement, and [LB Inspection] - LB Corrective Action.

Entered Date	Status	Name/Description	Assigned To	Urgency	Due Date
<b>[Corrective Action Maintenance] - Sticking PRV</b>					
11/11/2005 2:50:33 PM	In Progress	<b>Repair Sticking LCV in Production Trap</b> Operator advised there is a sticking level control valve in the production trap. Send crew to repair this valve immediately.	Armstrong, Larry	High	3/26/2007 12:00:00 AM
<b>[Corrective Action Maintenance] - Work Order Generation</b>					
11/11/2005 2:53:55 PM	Created	<b>Work Permit Authorization</b> All work permits are to be countersigned by the production superintendent prior to beginning any corrective action maintenance activity.	Grant, Casey	Medium	3/22/2007 12:00:00 AM
<b>[LB Inspection] - LB Continual Improvement</b>					
3/20/2007 9:25:02 PM	Created	<b>Revise Maintenance Schedule</b> Revise schedule to increase preventative maintenance activities	Green, John	Medium	4/11/2007 7:00:00 AM
9/5/2006 11:29:55 AM	Ready to Test	<b>Gas Cylinder Securing Mechanism</b> Schedule meeting with maintenance group to discuss revising the gas cylinder securing mechanism.	Williams, Tom	Low	3/15/2007 5:00:00 PM
9/5/2006 11:17:59 AM	Closed	<b>Identify Potential Hazards in LB 12</b> Identify and document all potential hazards in LB 12. Setup a recurring inspection to be performed monthly.	Smith, Tom	High	3/12/2007 11:59:00 AM
<b>[LB Inspection] - LB Corrective Action</b>					
2/16/2007 4:20:43 PM	Created	<b>Repair leaking Oil Pump and Stair</b> Oil pump is leaking on stair and causing a hazard. Area is closed until repairs are complete	Smith, John	High	3/25/2007 12:00:00 AM

# Regulatory Tracking

**VisionMonitor** Home Help Log Out

VisionMonitor TCEQ EPA EIA 1605EZ DE Calculator

Home Reg Change Reg Change Map KPI Information Compliance Data Repository Predictive

Regulatory Change Report

### Information Center

#### Regulatory Change Report

The following regulations have recently changed and may have an impact on current operations. Click the regulatory link to view the full text of the corresponding regulation. Operational tasks may be affected by these regulatory changes.

#### Proposed Regulatory Changes (Pending Approval)

**12/14/2007**  
[40 CFR 63.760\(b\)](#)  
**Summary**  
This citation has changed to read, "...each emission point located at a facility that meets the criteria specified in paragraph (a) of this section and listed in paragraphs (b)(1) through (4) of this section" rather than "paragraphs (b)(1) through (3)" as stated previously.

#### Environmental

**12/10/2007**  
[70 FR 34595](#)  
**Summary**  
Final rule of the EPA amends regulations under 40 CFR 9 and 86 to establish a manufacturer-run, in-use emissions testing program for 2007 and later model year heavy-duty diesel vehicles. The rule requires engine manufacturers to measure exhaust emissions from their diesel engines using portable emissions measuring systems. The rule also provides for manufacturers to report a significant amount of emissions data generated from engines used in regular service, which the agency will use to evaluate compliance with emissions requirements. The rule is the result of an agreement between EPA and the Engine Manufacturers Association. The rule is effective Aug. 15, 2005. Contact: Carol Connell; EPA, Office of Transportation and Air Quality, (734-214-4349). Related citations are 40cfr86, 40cfr86.007-11, 40cfr86.007-11(a), 40cfr86.007-11(a)(4), 40cfr86.1



# Summary

# Results

VisionMonitor helps our customers:



- ✔ Better manage their data, their processes, and their compliance
- ✔ Improve performance and operational efficiency
- ✔ Leverage environmental liabilities as environmental assets
- ✔ Save Millions of Dollars

# For More Information

- Visit us on the web at <http://www.visionmonitor.com>
- **Contact an Account Representative**
  - Sales
    - Phone: # 713.935.0500 x310
    - Email: sales@visionmonitor.com



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**with**

 **VisionMonitor**