

BEYOND MANAGING RISK – PROVING COMPLIANCE



Objectives for Session

- Electric Generation Project Scope
 - Demonstrate compliance across silo'ed divisions and information systems
 - Assure all applicable federal, state, local, and internal policy requirements are being met
 - Tie evidence of task completion with every report
 - Manage over 10,000 tasks easily and effectively
 - Prove that implementing a compliance tool alleviates countless hours of extra work
- Compliance Management System (CMS) Project
- CMS using Enviance



Electric Generation Compliance Program Industry Best Practices & Enablers

Business case development allowed for external review of industry leading practices and the supporting key enablers that we have incorporated into the Compliance Program.

Connect to the Business Process

- Integration Quality & Transparency
- On-going Process Improvement
- Link to Business Planning Cycle
- Link to Strategic & Financial Risk Management

Leverage Technology

- Commitment & Assurance Tracking Systems
- Audit Reporting
- Workflow / Data Mining capability

Metrics & Performance

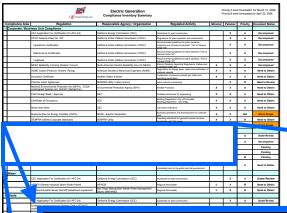
- Monitoring compliance metrics
- Understanding the cost of compliance (Cost of non-compliance & maintenance)

Change Management & Culture

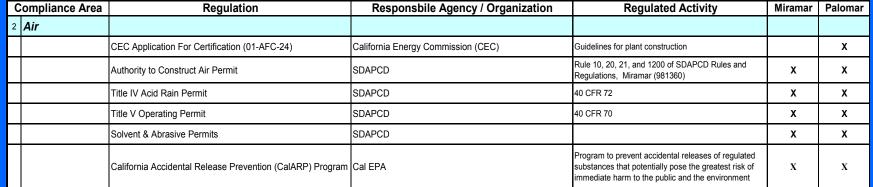
- Climate of transparency & integrity
- Training on compliance policies
- Incorporation of compliance in performance evaluations



Compliance Requirements Inventory

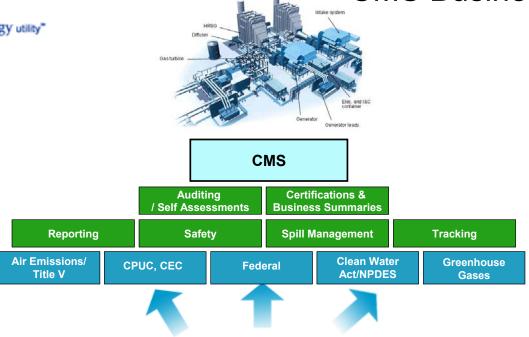


The Compliance Inventory was assembled and confirmed during the business case work that allowed for correct scoping and planning of CMS Project implementation activities.





CMS Business Objectives

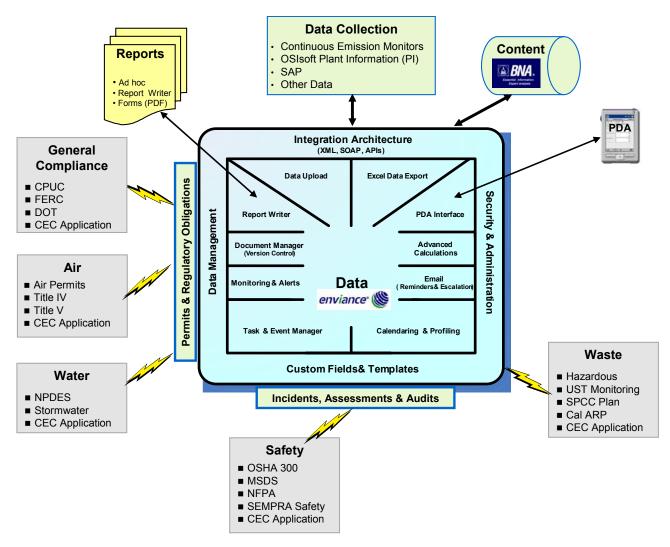


Regulatory Commitments, Regulatory Modifications, New Programs

- An inventory of compliance obligations that is centralized, managed and tracked with on-demand reporting for compliance certification.
- Processes are disciplined and systematic.
- Compliance documentation, tracking and escalation is automated through the solution to ensure:
 - ▶ Positive confirmation of compliance.
 - ▶ Automatic notification and escalation of obligations.
 - A single tool for compliance internal and external reporting



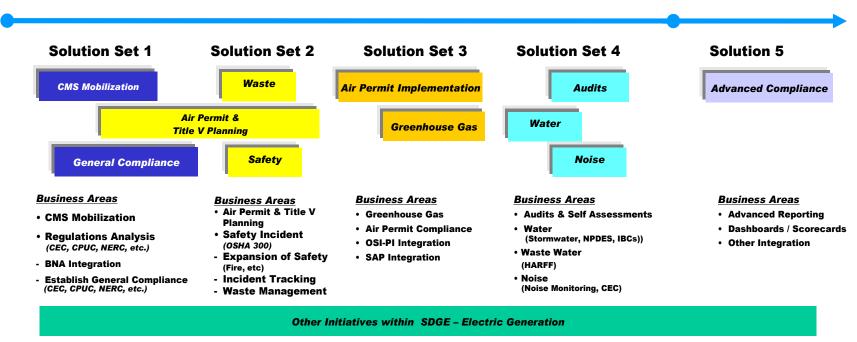
Compliance Management System





CMS Phased Implementation Stages

Business Requirements were organized into "Solution Sets" and an accelerated implementation schedule developed to support business requirements

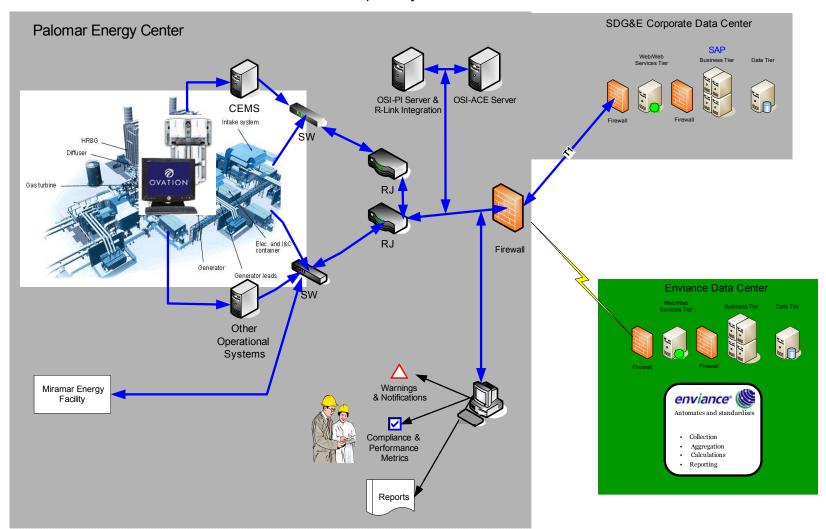


Data Management (SAP, (MyInfo), SCADA, GIS) & Network Infrastructure



System Architecture

SDG&E – Electric Generation Compliance Management System (CMS) Conceptual System Architecture



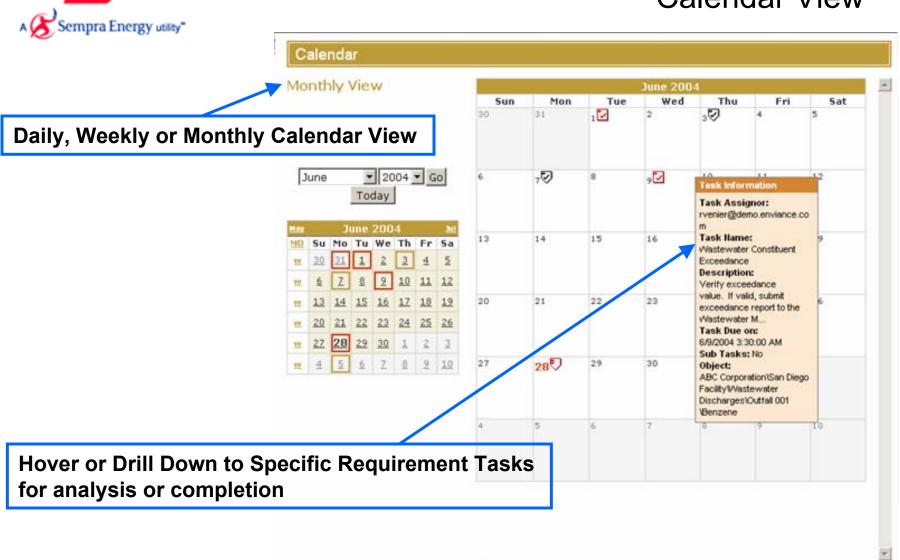


CMS Process Basics with Enviance

- A compliance commitment (or incident) is entered into CMS as a requirement with an associated "task" and assigned for completion.
 - Integration with Emissions Monitors and other operational systems will trigger task actions based on operating condition
- Automated e-mail notifications and escalating notices (if necessary) are generated prior to the actual due date.
- Tasks are completed and closed.
- Comprehensive and summary reports are generated for operating personnel and management.

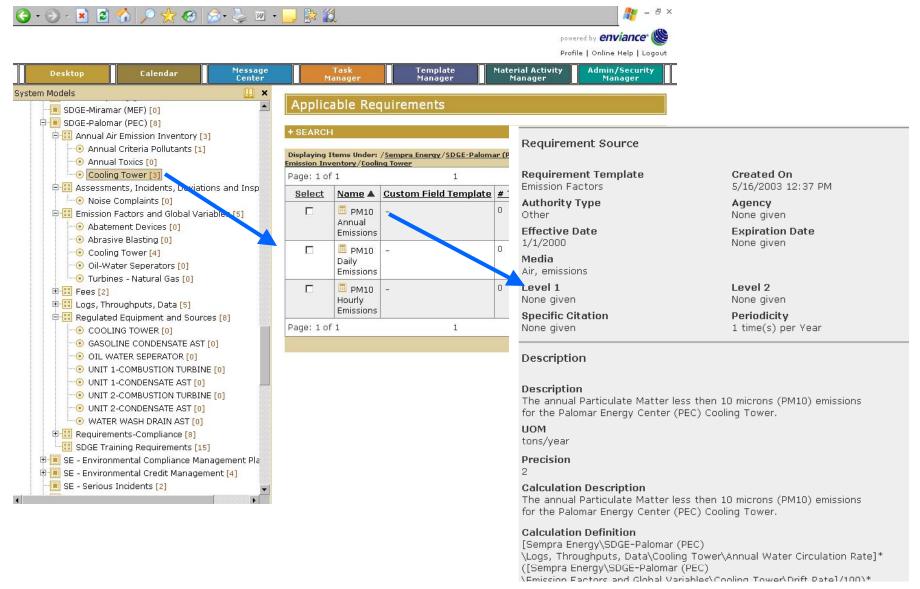


Calendar View





Requirements Definition





Task Assignment & Completion

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Reporting

Report Manager

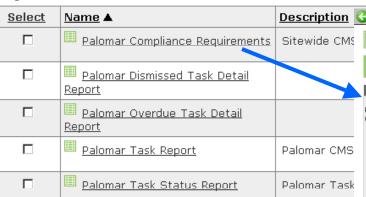
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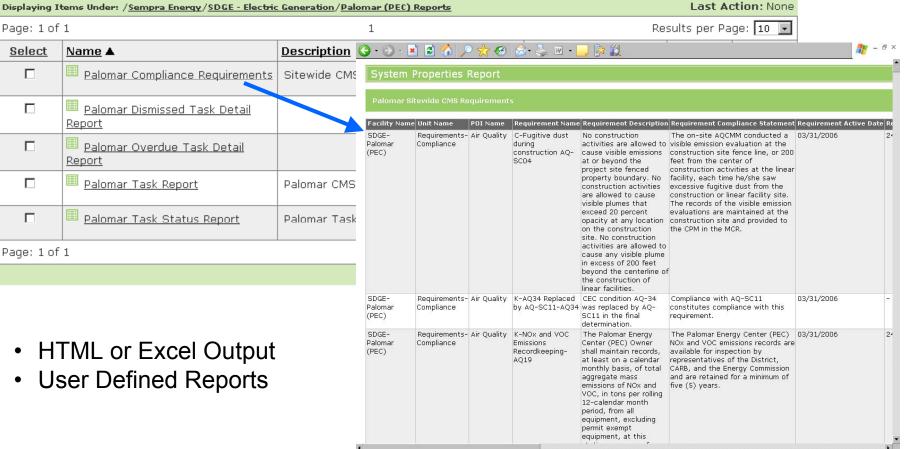
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- HTML or Excel Output
- **User Defined Reports**





Questions?