



Energy Planning
& Trading

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A greenhouse gas emissions and allowance
trading and compliance solution

EmissionsTracker

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A GHG emissions and allowance trading and compliance solution

EmissionsTracker is a comprehensive software solution that automates end-to-end emissions tracking and management processes. It is designed to support enterprise-wide inventory tracking, trading and compliance.

The solution supports comprehensive environmental products including greenhouse gases (GHG), emissions reduction credits, CO₂ offsets, CO₂ credits, SO₂, NOX, REC, and Kyoto Protocol defined products such as CER, ERU and VER. Powered by FARRMS, EmissionsTracker provides a leading-edge integrated platform for mitigating financial and regulatory risks.

Harness the power of EmissionsTracker

- Enterprise-wide single platform for tracking and compliance of complex emissions portfolios (GHG and others)
- Automate tracking of emissions sources and sinks
- Interface with CEM systems
- Interface with federal and state level registries
- Trade environmental products
- Avoid double counting
- Flexible user-defined jurisdiction rules
- Complete settlement and accounting
- Full workflow functionality



Emissions inventory management and compliance reporting

EmissionsTracker is a flexible user configurable system that supports multiple compliance jurisdictions and will interface with federal and state level registries.

EmissionsTracker supports enterprise-wide accounting of emissions inventory from multiple sources. The system automates the interfaces to existing continuous emissions monitoring (CEM) systems and supports complex modeling and accounting of greenhouse gases (GHG) and other emissions products that are not monitored via CEM processes. EmissionsTracker supports complete accounting of GHGs and other emissions and provides forecasting capabilities. Furthermore, the system supports enterprise-wide accounting of offsets and reductions from multiple sinks.

Front office support

EmissionsTracker provides a trading platform that supports purchases/sales of environmental products such as emissions allowances, offsets, and credits to meet compliance requirements or financially optimize the portfolio.

Middle office support

EmissionsTracker provides confirmation process and risk management capabilities. EmissionsTracker will interface with existing enterprise risk management systems as needed.

Back office support

EmissionsTracker supports complete settlement and accounting of emissions allowances, credits and other products. EmissionsTracker also provides shadow settlement functionality in order to reconcile invoice statements and prepare invoice/remittance statements. In addition, EmissionsTracker provides automatic accounting entries for settlement and emissions inventories which can be uploaded into a general ledger system.

Functions	EmissionsTracker Solution
Administer and set up strategy	<ul style="list-style-type: none"> • Setup flexible rules for multiple jurisdictions • Define tracking, compliance and accounting book structure • Define sources and sinks of emissions and credits • Define credits valuation models • Emissions GHG inventory accounting approach
Manage prices	<ul style="list-style-type: none"> • Manage prices for credits from different sources • Manage prices for credits valuation
Manage transactions	<ul style="list-style-type: none"> • Support all types of environmental products (e.g., CO₂, SO₂, NOX, RECs, etc.) • Interface with multiple registries • Detailed lifecycle of credits • Confirm sales and purchases • Credit position and activities
Run measurement	<ul style="list-style-type: none"> • Various types of accounting • Create automatic journal entries • Invoice check out and reconciliation • Automatic adjustment entries • Close accounting periods
Reporting	<ul style="list-style-type: none"> • Compliance reporting for multiple jurisdictions • Settlement reporting • Credit exposure reporting • Journal entries and other accounting reports
Feeder systems	<ul style="list-style-type: none"> • Interface with CEM systems • Various import/export formats • Utilize your current architecture and infrastructure

ABOUT

Emissions Tracker was formerly from Pioneer Solutions, which is now part of Hitachi Energy. We are a leading provider of software products powered by our Financial and Regulatory Risk Management System (FARRMS). FARRMS is an integrated platform providing straight through processing for specific front office, middle office and back office functions.

The FARRMS solutions allow organizations to realize new efficiencies as data and processes are managed across multiple groups. In addition to the FARRMS software products, we provide consulting, implementation and environmental reporting services.

Hitachi Energy
marketing-update@hitachienergy.com
hitachienergy.com