



MCG ENERGY SOLUTIONS, LLC

Software Solutions for Energy

MCG ENERGY SOFTWARE SUITE



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MCG's products form a dynamic and natively integrated Energy Software Suite with the tools to thrive in wholesale and retail energy markets. Our applications can be used individually or together. Native integration enables MCG applications to communicate with each other out of the box, greatly reducing cost and risk of integration for a comprehensive solution. MCG customers can add more MCG applications to enhance their existing MCG solutions with little to no cost to implement.

MCG specializes in hosted solutions in our NIST 800-53 Mod level compliant private cloud, which is included in annual third-party SOC and NIST auditing. MCG maintains its systems and hardware, enabling customers to fully focus on their business.

MCG solutions are integrated with all North American ISOs and RTOs. Software Assurance is part of our standard support and maintenance. This means that changes required to MCG applications due to specification changes in e-Tagging, OASIS, or market changes are all included at no extra charge.

Details about all of our products and brochures are available at the MCG website –

– An easy-to-use system for bid capture, physical scheduling and tagging, ISO market submissions for physicals, financials and asset management, market clearing, real time scheduling, performance reporting, and settlements.

– A fully integrated trading, credit, and market risk management solution for complex, multi-commodity energy companies working with natural gas, power, crude and related products, NGLs, coal, emissions, and RECs, etc., including gas scheduling.

– Combines state of the art technology with a rich feature set for managing credit risk, including counterparty, contract, collateral, exposure management, advanced credit analytics, and credit scoring.

– Merges operational and commercial data in an easily navigated format that streamlines tasks from processing nominations to generating expected cash flows. Uses transport rates from the pipeline and actualized data to generate invoices and closing statements.

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– Tracks and manages time series data for load, imbalance, and contracts, while tracking a meter's sources to generate an official profile from the best available data. Validates meter data across profiles or intervals to manage data quality issues (bad reads, stuck meters, dated values, etc.). Also interfaces with ISO markets for MDMA function.

– Flexible platform for TransCo and GenCo businesses that performs OATT, grandfathered transmission, ISO transmission revenue shadowing, as well as ad hoc billing projects tailored to your unique requirements.

– Integrated workflow solution for managing the entire outage process that simplifies planning, approving, scheduling, submitting, and reporting generator outages. Integrated with ISO/RTOs and RCs to automate outage management across portfolios, with 2-way ticket synchronization for generation and transmission assets, and NERC GADS and TADS compliance reporting.

– Simplifies outage management communication by logging events, activities, and compliance requirements in one flexible and easy to use solution. Allows all of an organization's facilities, assets, and equipment to share information in a single platform that automates existing manual processes and eliminates errors.

– Advances and streamlines Health Safety Environment (HSE) management with desktop and mobile tools including Permit to Work (PTW), Job Hazard Analysis (JHA), Job Safety Analysis (JSA), and Lockout Tagout (LOTO). Enhances communication and compliance between the field and office, while reducing the effort of ensuring the safety of your employees and work environments.

– Warehouses and archives data from all MCG products in a single platform with full search, filter, report, and display building capabilities. Includes a programmatic API for performing queries directly against the HDS database, eliminating production impacts from long running queries.

– Fully featured interchange and transmission scheduling system integrating MCG e-Tag and OASIS interfaces to automatically create, categorize, and track interchange and transmission schedules for reliability entities.

– Organizes and displays ISO market and energy industry data from an array of sources for analytics and decision support. Works from a desktop UI or optional easy-to-implement high speed API. IDS provides updates, event monitoring, and alerts for opportunities and risks to your business, while allowing you to visualize and report on the decision making process.

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KEY FEATURES

- _ All products are natively integrated
- _ Integration with all North American ISOs and RTOs
- _ Hosting in MCG's SOC and NIST 800-53 Mod level compliant private cloud
- _ Best-in-industry wholesale and retail energy software
- _ Rapidly expanding offerings that meet the changing industry and markets
- _ Single vendor implementation, hosting, support, and maintenance
- _ Standard Support & Maintenance includes Software Assurance

KEY BENEFITS

- _ Products can be used individually or together as a comprehensive energy solution
- _ New products can often be implemented for existing MCG customers at zero cost
- _ A full suite of front, middle, and back office software to thrive in energy markets
- _ Software is kept up to date with energy markets and the energy industry
- _ MCG's single vendor model allows you to focus on your business

For complete information, contact MCG at: **612-376-7757** or email: **sales@mcgenergy.com**