



MCG ENERGY SOLUTIONS, LLC

Software Solutions for Energy

HOSTED DATA SERVICES

www.mcgenenergy.com

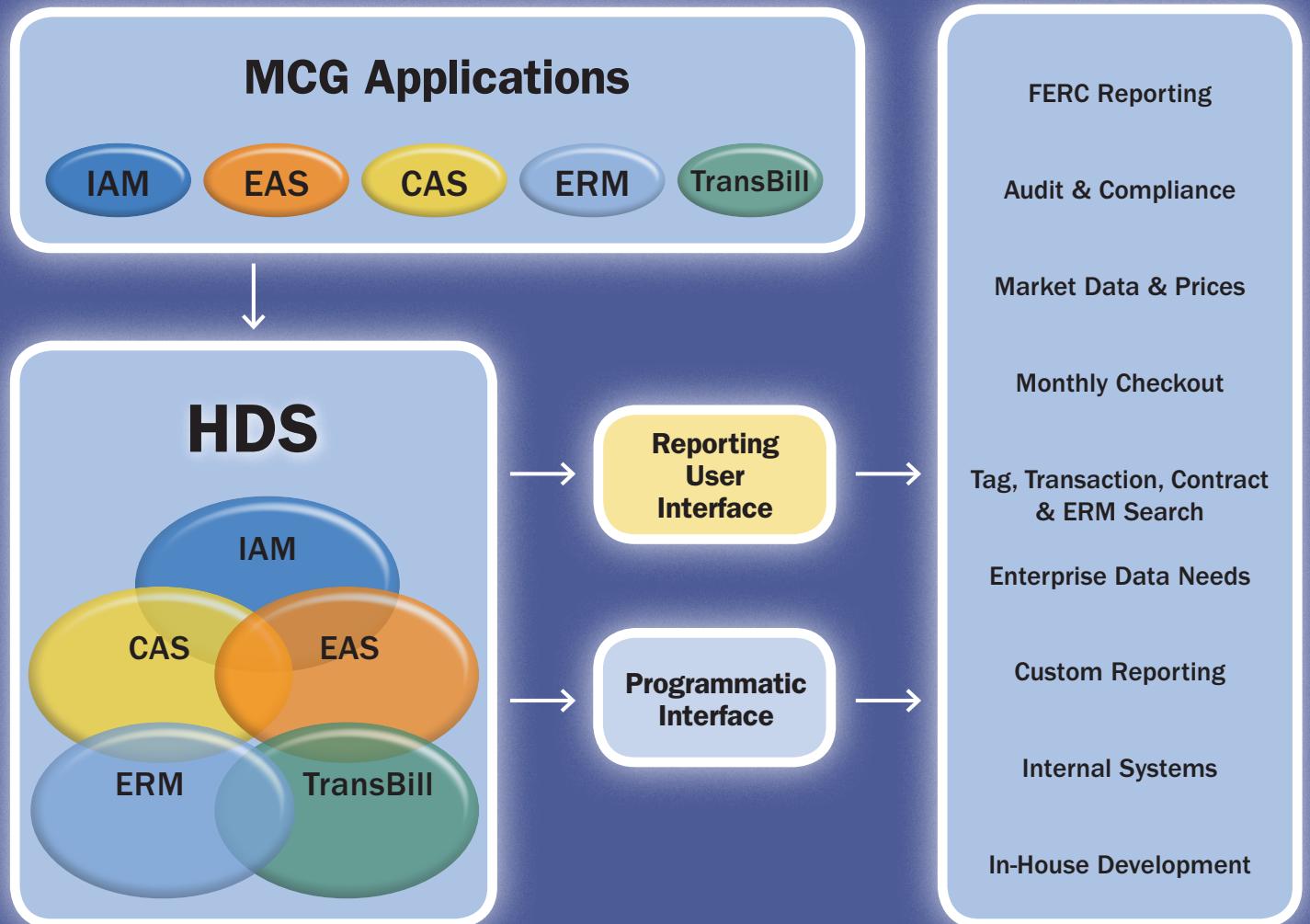
MCG'S HOSTED DATA SERVICES (HDS)

- Hosted Data Services (HDS) provides MCG customers with access to all their data in a hosted environment. Whether you are using Integrated Asset Manager (IAM) to manage markets and assets, Energy Accounting System (EAS) to visualize and manage time series data, TransBill to bill and shadow transmission revenue, Control Area Scheduling (CAS) for your interchange scheduling needs, or ERM to manage power and risk—all of your MCG application data can be accessed from a single location with HDS.
- MCG maintains and supports the HDS platform, allowing the customer to concentrate on managing data—not hardware, tables and patches. MCG provides full Software Assurance for HDS. Any changes to the underlying applications are accommodated in HDS, removing any need for the customer to manage and map data tables.
- HDS gives the customer multiple methods to remotely access their data outside of their production system. Customers can utilize an HDS User Interface as well as an HDS Programmatic Interface via Web Services.
- The HDS User Interface allows the customer to utilize the same types of filtering and searching as the underlying production applications. The functionality is designed to help an organization with FERC Reporting as well as Audit and Compliance. HDS manages requests for large amounts of data over long periods of time, making monthly and quarterly reporting a core functionality. In addition, HDS allows for the analysis of this data in a similar manner to the production application.
- The HDS Programmatic Interface acts as an extension of the customer's data center via Web Services for direct database access. This allows a customer to meet all their enterprise data, customer reporting, internal system, and in-house development needs.
- HDS is updated in near real-time from the customer's production database. The HDS User Interface and Programmatic Interface do not allow for the changing of the underlying data in the HDS database. This allows the customer to utilize the data with the highest of confidence in data integrity.
- HDS was designed to be a data management workhorse. The HDS platform is separate from the production application platforms. Queries, regardless of size and date range, have no impact on the production system. HDS also has a redundant environment in MCG's DR data center for full site redundancy.

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

SOFTWARE OVERVIEW



HDS FEATURES AND BENEFITS

INTEGRATION

- Native integration to underlying applications
- Cross functional reporting (all products)
- Updated in real-time

MANAGEMENT

- MCG manages all aspects of the data center
- No customer hardware needs
- No need to map data tables
- 24 X 7 MCG Support via phone and email

ACCESS

- On-demand access to all customer data
- Market data and prices
- MCG User Interface
- MCG Programmatic Interface via Web Services

SEPARATION

- Separate HDS and production infrastructure
- No affect on customer production database performance
- Changes in production updated in HDS

REDUNDANCY

- HDS has a redundant environment in MCG's DR data center
- Tracks which update sets have been applied