



Data Flow M A N A G E R

Essential Features:

- Web-based administration
- Automatically transmit/receive file
- File delivery to multiple endpoints
- Session logging to an SQL database
- Automatic file moves after transfer
- File data Encryption/Decryption
- PGP certificate authentication
- Allows unlimited connections
- File archiving in database

ERCOT Data Load features:

- Supports most useful ERCOT extracts
- Automatic file parse after transfer
- Automatic database load after parsing
- Allows out-of-order file loading
- Multiple REPs in a single schema

Data Flow Manager (DFM)

For some organizations, the periodic exchange of data files between their departments, customers and vendors is a part of an established workflow. The **Data Flow Manager** product is designed as a web-enabled, client-server software solution that manages the routing of files between various end-points, both internal and external to the organization, thereby bringing critical operational support to that workflow.

Automate File Transfer Process

Configure the file transfers in the **DFM** user interface and the transfers occur unattended. **DFM** manages the scheduling, execution and confirmation of each file transfer and gives the user a way to review the result of the data-flow activity.

Central Control and Monitoring

File transfers are set up and monitored from a central point within the organization from any network-connected workstation. File transfer and load results can be monitored on a real-time basis.

Secure Data Transfer

DFM enables secure, automated file transfer using the FTP(S) or HTTP(S) Internet communications protocols. Businesses which send paper documents or computer media by mail/courier, use insecure and unreliable file transfers, or pay VAN charges for EDI connections will benefit from significant reductions in turn-around time, enhanced security and reduced cost.

Optional Custom Load Modules

As an added feature, **DFM** includes optional custom-made data-load modules that can be set up to parse and then load specific downloaded files into a designated database by matching each inbound file with its predefined profile. These profiles are stored in the product's database after being created through a simplified user interface that requires no proprietary software, coding or scripting by the end user.

Load modules can be custom-created by Cogent engineers to accomplish any data load task imaginable including loading data in such irregular formats as XML and EDI to a relational database.

ERCOT Data Load Solution

For the daily downloadable data made available to Texas electricity marketers by the Electricity Reliability Council of Texas (ERCOT), the **DFM** load functionality will take the various ERCOT data extract files and populate them into the appropriate database tables according to ERCOT's published schema. For more information visit the [DFM Product](#) page.

“Data Flow Manager increases employee productivity, enhances the reliability of data transfers with our trading partners and improves the efficiency of our business processes. It has truly transformed the way we do business.”

Achieve Operational Efficiency

In many business enterprises, the level of efficiency of the movement of data is critical to the organization’s success. Where the success of a company’s operations can be tied to the reliable and timely delivery of data, there is significant benefit to be gained by using the **Data Flow Manager** product.

Minimum Hardware Requirements:

- Single processor
- 1 GByte RAM
- 100 GByte hard drive
- 100 Mbps Network Interface Card (NIC)
- Broadband internet connection

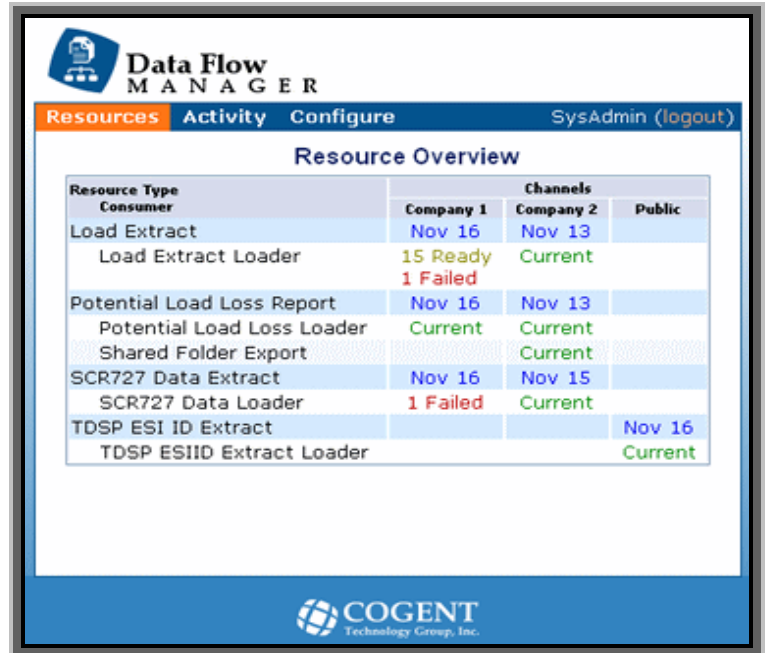
System Software Requirements:

- MS Windows Server, Unix or Linux O/S
- Java J2EE servlet container
- SQL database with JDBC driver
- Separate schemas for product/load data

About Cogent

Cogent Technology Group is a provider of customizable, web-enabled, B2B software. Cogent offers specialty software solutions that focus on transaction management and data integrity to various industries.

Contact Cogent Tech Group: www.ctginc.biz
 Email: sales@ctginc.biz



Cogent’s **DFM** has an intuitive web-based interface that gives you everything needed to manage your data file transfers and optional data loads.

Supported ERCOT Extracts

The following ERCOT data extracts are currently supported by the ERCOT load module in **DFM**:

- Load extracts
- SCR727 ESI-Id extracts (usage and service history)
- Load Loss extracts
- TDSP ESI-Id extracts

All updates to transactional and dimensional tables that are at the present time distributed in these extracts are supported by the **DFM** product.

Potential uses of ERCOT Data

The ERCOT data stored in the database populated by **DFM** can be used as a source of historical usage and service history for the marketer’s individual retail accounts. It can also be used with Cogent’s **Extensible Variance Manager** product to periodically validate the data contained in the marketer’s Billing System.

DFM Architecture

The architecture of the **Data Flow Manager** application is simple, flexible and extensible. The easy-to-use and quick-to-learn web-based interface gets users productive and managing file transfers in minutes. Custom load modules can be added to parse and load downloaded files into specified database schema.

DFM delivers a user-driven, scalable and economical file-transfer/database-load platform. That platform enables organizations to give business clients better and more reliable service, and to eventually earn themselves higher margins.