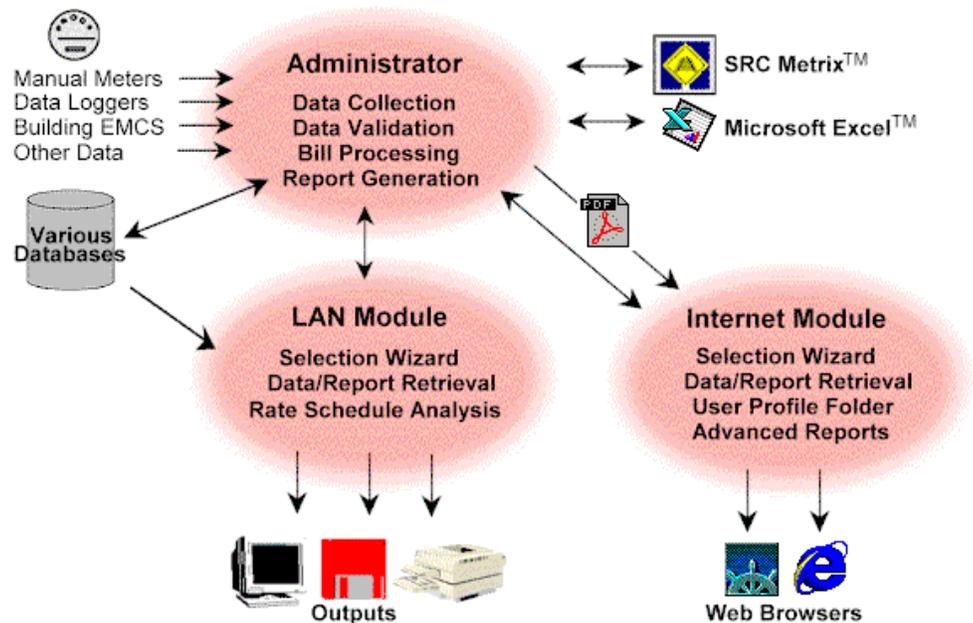


Facility Resource Energy Data (FRED) is a software tool designed to integrate and automate the collection, analysis, and distribution of utility-related data. FRED manages a complex set of tasks:

- Collect, validate, and process data from diverse sources – utility meters, data loggers, clerk's spreadsheets, and ODBC-compliant databases.
- Controls other software like Microsoft Excel™, SRC's Metrix™, Adobe Acrobat™, and others to generate graphs, perform advanced analyses, and generate reports.
- Prioritize energy conservation activities by analyzing building Energy Use Intensities (EUIs).
- Analyze rate schedules using existing utility data.
- Deliver monthly, time-series, and summary data to end-users via local area network, Intranet, or Internet.

FRED was designed for the specific needs of the U.S. Department of Energy's Hanford Site, providing access to electric, steam, natural gas, water, weather, and other Site utility data. FRED's local area network module provides data access and other advanced features; the administrator module handles data collection, validation, and processing; and an Internet module provides access to registered users via the Intranet or Internet.



FRED is not another utility accounting software package – it is a systems integration control tool,

providing pre- and post-processing of data for existing software, and managing other modules with distinct functions. FRED exchanges data with and controls standard utility-management software tools, thereby taking advantage of their advanced features.

The range of potential applications include military bases, federal agencies, industrial complexes, universities, schools, commercial and corporate facilities, hospitals, chain stores, and others – anywhere users need access to data and a flexible, modular tool to do the job. It is applicable anywhere utility data is collected from a variety of sources, processed, and distributed billable accounts. Experience has shown that a customized tool is often necessary to solve site-specific logistical problems. The flexible, modular nature of FRED makes it ideal for custom applications.



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