DataStore™ + DashBoard™

Software Products and Services

V-TECH's E2DR® DataStore™ has enabled utility industry companies to rapidly launch, track, and manage complex portfolios of energy efficiency, demand-side management, and renewable energy programs. This scalable and customizable data management solution fully meets the needs of utility clients with sophisticated program tracking, analytics, and reporting functions.
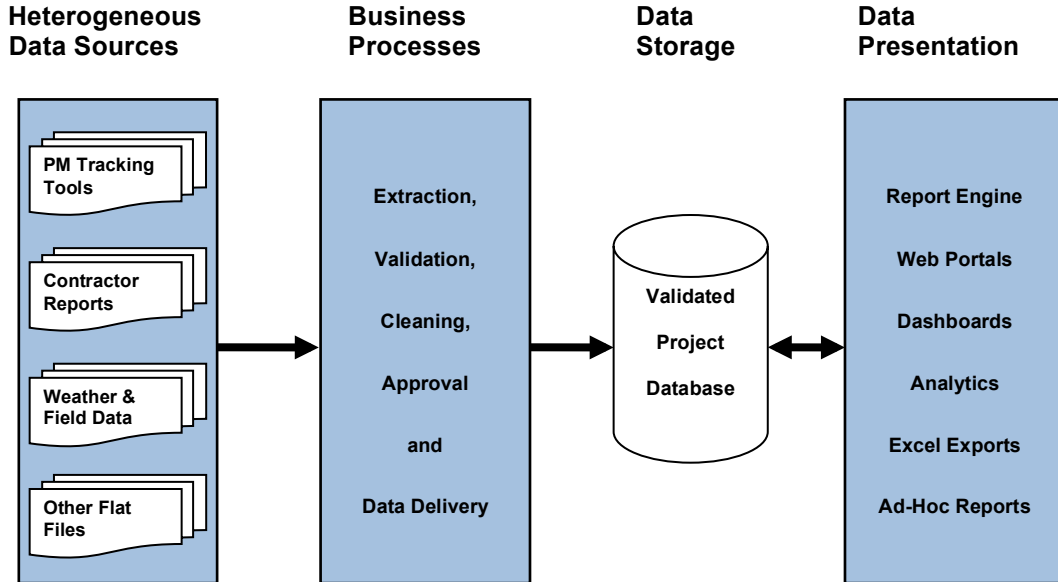
This unique product was developed by utility industry experts with over 200 years of real-life experience in developing, launching, and managing such programs. The DataStore unifies all project data from multiple, heterogeneous sources into an integrated database. This is seamlessly coupled to a Web portal that provides secure access to the data, handles data approvals and customizable reports with sophisticated analytics, and integrated DashBoard™ with deep drill-down capabilities.

Key features include:

➢ Proven 4th generation product in use at large utilities.

➢ *No* hardware or software investment: *just* Web access.

➢ *Out-of-the-box support* for *over 60* residential, commercial, industrial, and governmental utility programs with hundreds of measure category/subcategory data built into the system.

➢ *Immediate* program launch & ramp-up.

➢ Deep utility *program knowledgebase* built into the product architecture & features.

➢ *Over 30* implementation contractors trained already to transmit data to E2DR.

➢ Customizable *role-based access* to data, approvals, and reports.

➢ Has *built-in* data QC, time-stamped *audit trail*, and enables regulatory compliance.

➢ Consistent data source for Measurement & Verification activities.

➢ Accurately track changes to program data and assured repeatability of past reports.

➢ Robust set of reporting features, including advanced filtering, customizable "on-the-fly" report generation, and dashboards with deep drill-down capability.

➢ Export data extracts and print pre-formatted screen views for use in other reports or applications.

➢ Multi-year energy savings and resource credit projections.

➢ Library feature for ready access to all program documents, reports, and filings.

➢ Web-hosted solution that is secure, reliable, and available 24/7.

➢ Simple, straightforward pricing: no additional fees based on size of program or number of users.

➢ Hosted in a SAS 70 certified facility, with multiple direct carrier connections to the Internet, a managed firewall and backup service, and compliance with HIPPA, SOX, FISMA and GLBA.

Developed by utility experts with actual hands-on experience, *it works for you and does not force you to work for the software*. In short, what you get is a customizable, modular solution that can meet all of your data capture, analysis, reporting, compliance, and program oversight needs so that you can focus on achieving your program goals. **With E2DR, our clients have managed over $500 Million of DSM programs and reported 3 Billion kWh and over 1,800 MW of savings.**

E2DR®
Energy Efficiency DSM Renewable

E2DR® DataStore™ Product Architecture

Heterogeneous Data Sources	Business Processes	Data Storage	Data Presentation

Heterogeneous Data Sources:
- PM Tracking Tools
- Contractor Reports
- Weather & Field Data
- Other Flat Files

Business Processes:
Extraction,
Validation,
Cleaning,
Approval
and
Data Delivery

Data Storage:
Validated Project Database

Data Presentation:
- Report Engine
- Web Portals
- Dashboards
- Analytics
- Excel Exports
- Ad-Hoc Reports

Example Program DashBoard

Current Rebate Progress

Filter By

Market Type:	Project Type:	District:	Program/Rebate Type:
All	All	All	All

Completed Stages (# rebates)
- Application Start (1,764)
- Pre-Inspection Completed (1,692)
- Pre-Inspection Report Submitted (1,687)
- Post-Inspection Completed (610)
- Post-Inspection Report Submitted (580)
- Check Sent (378)
- Check Cashed (370)

Total Rebates: 1,764

Average Time in Each Stage (days)
- Application Start (17)
- Pre-Inspection Completed (20)
- Pre-Inspection Report Submitted (77)
- Post-Inspection Completed (26)
- Post-Inspection Report Submitted (18)
- Check Sent (12)

Total Days: 170