



# *eView™ energy management software*

*Raise your energy awareness*



# See your energy use from a new point of view



In our world of unpredictable energy costs and rising environmental concerns, you need to know that your carbon footprint is as sustainable as it can be. Trane makes it easy to understand the big picture by tracking energy performance throughout your facilities.

eView™ energy management software from Trane tracks energy use, costs and CO<sub>2</sub> emissions and processes the information for review, analysis and compliance reporting. It gives you the information you need to identify and assess opportunities. eView makes it easy to showcase the results of your energy conservation programs to internal and public audiences.

## Who understands energy use better than Trane?

Trane professionals design, build and support the most energy-efficient HVAC systems in the world. We leveraged the broad expertise of our LEED® accredited professionals, energy and HVAC specialists to introduce a solution that simplifies in-depth energy analysis.

## Web-based energy reporting solution

eView is a web-based software solution available as a periodic subscription. You simply log on with a secure ID and password, and have access to all of your organization's energy information in the form of dashboards, alarms and reports.

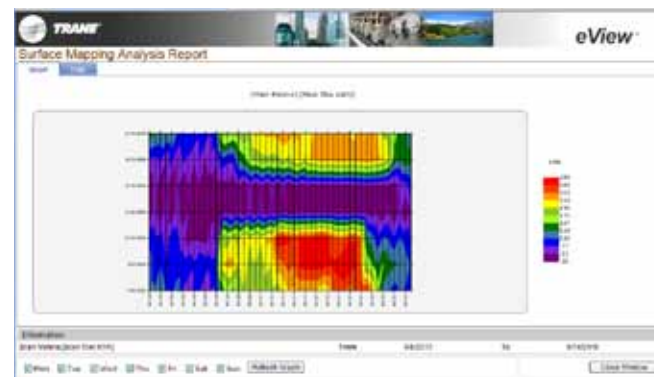
eView uses data from your organization that can be automatically or manually collected. Automated data collection enables eView to track and analyze vast amounts of data in real

time. Manual data import provides flexibility and quick access to energy information as new metering devices are installed.

## eView provides rigorous energy analysis

eView utilizes advanced energy analysis tools such as regression analysis, deviation, CUSUM load profiles and load factor. It provides insight into energy use, cost and environmental performance at the organizational, building and meter levels.

- Assess data from various sites or meters
- Compare energy use and costs on a day-to-day, month-to-month, year-to-year basis and normalize for weather and critical business metrics
- Review energy data in a wide range of graphs, tables, reports and exports
- See how energy use translates into greenhouse gas emissions



*Use eView energy analysis tools to identify variations of energy use in your building.*



## Extensive reporting

Don't let hard work and results go unnoticed! eView has tools that track savings and performance over time, and present this information in easy-to-use reports.

Analyze energy data using a suite of standard reports:

- Quarterly and year-to-year comparisons
- CO<sub>2</sub> emissions
- Year actual vs. budget cost or consumption
- League tables (benchmarking)
- Weekly and monthly meter load profiles

Reports can be run on an ad hoc basis, saved as a template for later use, or scheduled for automatic production and delivery via e-mail.

## Dashboards

See your real-time energy performance readily displayed in charts and graphs that use color for easier viewing and understanding. Dashboards have real-time updates of data and easy to configure interactive screens that can be viewed on an individual PC or displayed publicly using a LCD monitor or kiosk in your lobby.

Showcasing your progress gets everyone in your organization, as well as customers, on board with conservation efforts.

## Alarms

Do more with less and stay on track with your energy performance objectives. Set ranges against energy use and cost targets. If conditions exceed target ranges, alarms will alert users and even provide reports that address the alarm condition.

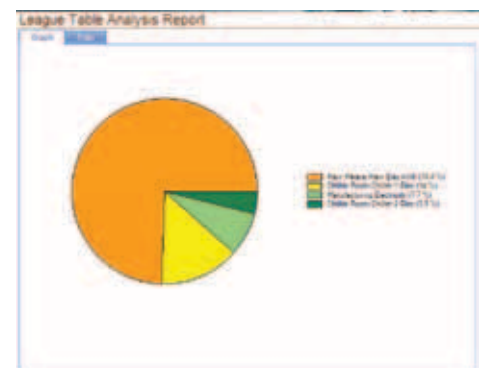
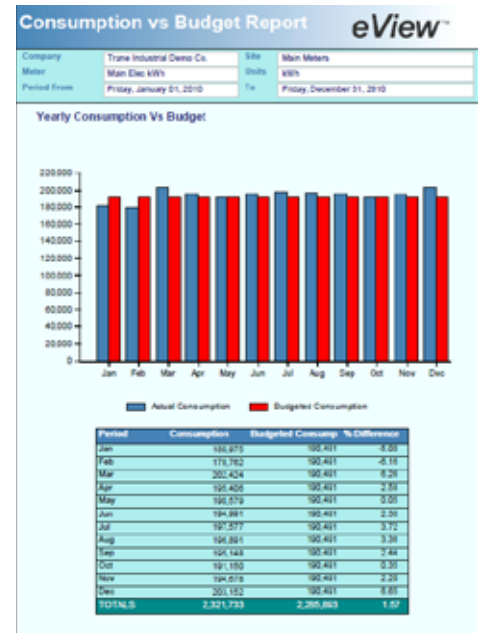
## Benchmarking

How does today's energy use compare to last month—or last year? Are your numbers on par with similar facilities? eView normalizes energy data for building size, weather (degree days) and business metrics (units or widgets produced, sales dollars, occupants, etc.). It provides accurate comparisons that help you identify the best opportunities for energy conservation.

## Financial and forecasting tools

eView provides the ability to analyze and manage not only your energy consumption but also your energy costs. Enter and store multiple utility rates to improve the accuracy of cost forecasting and tenant invoicing.

- Generate tenant invoices based on actual meter data and utility rates
- Check your utility bill against eView meter data to verify accuracy
- Compare actual energy costs against forecasted amounts; use current data and rates to create more accurate budgets



## eView: Select the tools you need

Three editions of eView™ energy management software cost-effectively accommodate a range of organizations. As your energy management needs advance, it is easy to migrate from one edition into the next.

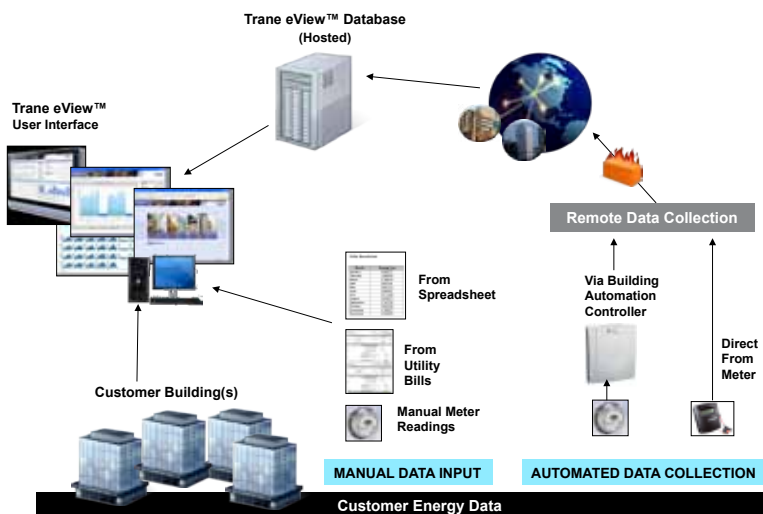
**eView - Express edition.** The most cost effective choice, eView Express offers practical energy use and cost metrics, delivered to you automatically on a weekly or monthly basis. You will be able to view energy performance—tracked against organizational goals—through pre-configured dashboards and reports that can be shared throughout your organization. This practical solution allows you to focus on other business, knowing the reports you need will arrive in your “in-box” as scheduled . . . or a notice of an alarm condition requiring your immediate attention.

**eView - Manager edition.** Along with the same practical features that are included in Express, the eView Manager edition offers a more advanced set of financial tools that supports forecasting, budgeting and tenant invoicing. Use the standard pre-configured features, or create your own customized dashboards, reports and alarm notifications.

**eView - Expert edition.** The eView Expert edition includes all the capabilities of Express and Manager, plus an extended set of energy analysis tools. It is geared to the energy manager who requires a more sophisticated set of tools to identify energy-saving and cost-reduction opportunities across multiple facilities.

## Technical requirements

eView requires an Internet connection and Microsoft Internet Explorer. Automated data collection enables eView to track and analyze vast amounts of data in real time from almost any energy-monitoring device or system including data loggers, building management and control systems, production systems, oBIX™ and OPC® data, spreadsheets and supplier data. Historical energy data may be imported by e-mail, FTP, ZIP files, dialup and other methods. Manual data import provides flexibility and provides quick access to energy information as new metering devices are installed.



Trane eView™ product diagram



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