A DRMS is the operational control system used to provide command and control capabilities over demand response resources.

**e-terra**DRBizNet FEATURES

- Track Multiple DR Programs
- Manage Resource Lifecycle
- Provision Devices
- Trigger DR Events
- Communicate in Real Time
- Measure and Verify Performance

**DECREASE PEAK LOAD & INCREASE EFFICIENCY**

Optimally schedule DR resources to reduce peak load or minimize the impact of distribution and transmission bottlenecks. Get the optimal solution while saving time in critical situations by automating the dispatch and the collection of response status of DR resources.

**REDUCE DEPLOYMENT RISK**

Minimize implementation risks by deploying a field-proven, standards-based, open-platform DRMS.

**“FUTURE PROOF” DR INVESTMENT**

Avoid the risk of being locked into proprietary technology vendor solutions by deploying an independent DRMS that integrates with other technologies through open standards. Minimize risk of a stranded infrastructure by using a flexible DR management platform that can evolve with your business plan and technology landscape.

**SIMPILIFY & AUTOMATE OPERATIONS**

Your operators will have a single interface to all legacy and future DR systems, not only making DR activities consistent, but also allowing for cross technology optimization of dispatch solutions. e-terraDRBizNet is a proven solution with production experience gathered to continually drive improvements to the user interfaces, reporting tools, and audit features.

**e-terraDRBizNet**

Demand response management system

**Enterprise Demand Respond**

Award winning e-terraDRBizNet is the leading, enterprise-class, Demand Response Management System that incorporates dynamic resource modeling, optimized dispatch, real-time resource tracking, and state-of-the-art performance evaluation techniques.

e-terraDRBizNet integrates and automates the exchange of DR related data and events across the utility including linking AMI, MDM, CIS, Weather Feeds, multiple DR control systems, SCADA, Settlements and IVR systems.
**e-terra DRBizNet**

**e-terra DRBizNet** is a standards-based Demand Response Management System (DRMS) that has been designed ground up to be independent of AMI systems, Demand Response (DR) aggregators, and load management system (LMS) technologies (e.g., programmable thermostats, energy management systems, in-home displays). It provides an enterprise software platform for integration of best-of-breed LMS, DR, and AMI technologies and simplifying DR management.

**RETAIL DEMAND RESPONSES**

As demand response programs become more prevalent with residential and commercial & industrial customers, and as new devices and technology enter the DR market, utilities need a flexible, easily managed, and standards-based system for managing demand response. **e-terra DRBizNet** is the leading enterprise DRMS and is being deployed in control rooms and power procurement operations in utilities across the United States.

**DRMS VALUE PROPOSITION**

- Manage many DR programs
- Manage virtual power plants
- Target DR at network nodes
- Optimize DR resources
- Measure performance

**e-terra DRBizNet** can be deployed for any size project matching the IT needs, the system can be hosted by Alstom or deployed by the customer in-house. This deployment flexibility allows **e-terra DRBizNet** to scale as a utility’s demand response portfolio grows while remaining cost effective and offering enterprise levels of availability.

**WHOLESALE ELECTRIC MARKETS**

Wholesale electric markets offer many challenges to market operators, so adding or expanding demand response programs and resources within a market should not add to that burden. **e-terra DRBizNet**’s standards-based approach provides efficient execution of business processes for demand resource management by aggregating and representing DR grouped resources as Virtual Power Plants (VPP) to the other wholesale systems, so that there is minimal impact to the existing wholesale operational systems. **e-terra DRBizNet** manages the full lifecycle of DR resources including Program creation, resource registration, dispatch optimization, call notifications, aggregate resource dispatch, registration, dispatch optimization, event management, measurement & verification, and settlements while integrating into existing market systems.

**e-terra DRBizNet** is a proven production solution providing demand response management in the wholesale market since 2009 at the largest DR market in the world: PJM Interconnection. It is used by PJM’s and it’s market participants to manage the participation of demand resources in thirteen (13) US States in markets for capacity, energy, and ancillary services. The size of PJM Demand Response market in 2010 was over $500 million. **e-terra DRBizNet** is also in production at California ISO and Midwest ISO.

**OpenADR DRAS**

**e-terra DRBizNet** comes with a fully OpenADR compliant Demand Response Automation Server (DRAS) that allows OpenADR compliant devices to be directly managed. This standards-based protocol allows any device that adheres to the OpenADR standard to leverage all the features and functionality of **e-terra DRBizNet** without any intermediate systems or technology.

**Hosted & In-House Deployment**

Not all utility or market demand response programs are created equal. Some programs are large with defined requirements and outcomes, and others are prototypes and pilots. Different utilities also have different Information Technology (IT) needs.