

The Leading Demand Response Management System (DRMS)

UISOL **DRBizNet**® is a standards-based DRMS that is designed ground up to be independent of load management (LM) technologies (e.g., programmable thermostats, energy management systems, in-home displays), demand response (DR) aggregators, and AMI systems. It provides an enterprise software platform for integration of best-of-breed LM, DR, and AMI technologies and simplifying DR management.

VALUE PROPOSITION

- Save time and money by automating management of demand response (DR):
 - Resources
 - Programs
 - Events
 - Measurement and Verification
 - Settlement Preparation
- Minimize implementation risks by deploying a proven DRMS currently used in 27 states by over 200 organizations for managing over 7500 MW of DR from over 450,000 end-use customers.
- Avoid risk of being locked into LM, AMI, and DR technology vendors by deploying an independent DRMS that integrates with other technologies through open standards such as OpenADR
- Seamlessly integrate DR management with your front-, mid-, and back-office using open standards
- Simplify DR management through an integrated platform that provides a single database, user interface, reporting, and audit trail for all DR information
- Minimize risk of stranded DR infrastructure by using a flexible DR management platform

BUSINESS ISSUE

Like supply-side resources, demand-side resources must be managed through efficient execution of business processes such as resource and program enrollment, offer submission, energy scheduling, dispatch, notification, measurement & verification, and dispute resolution.

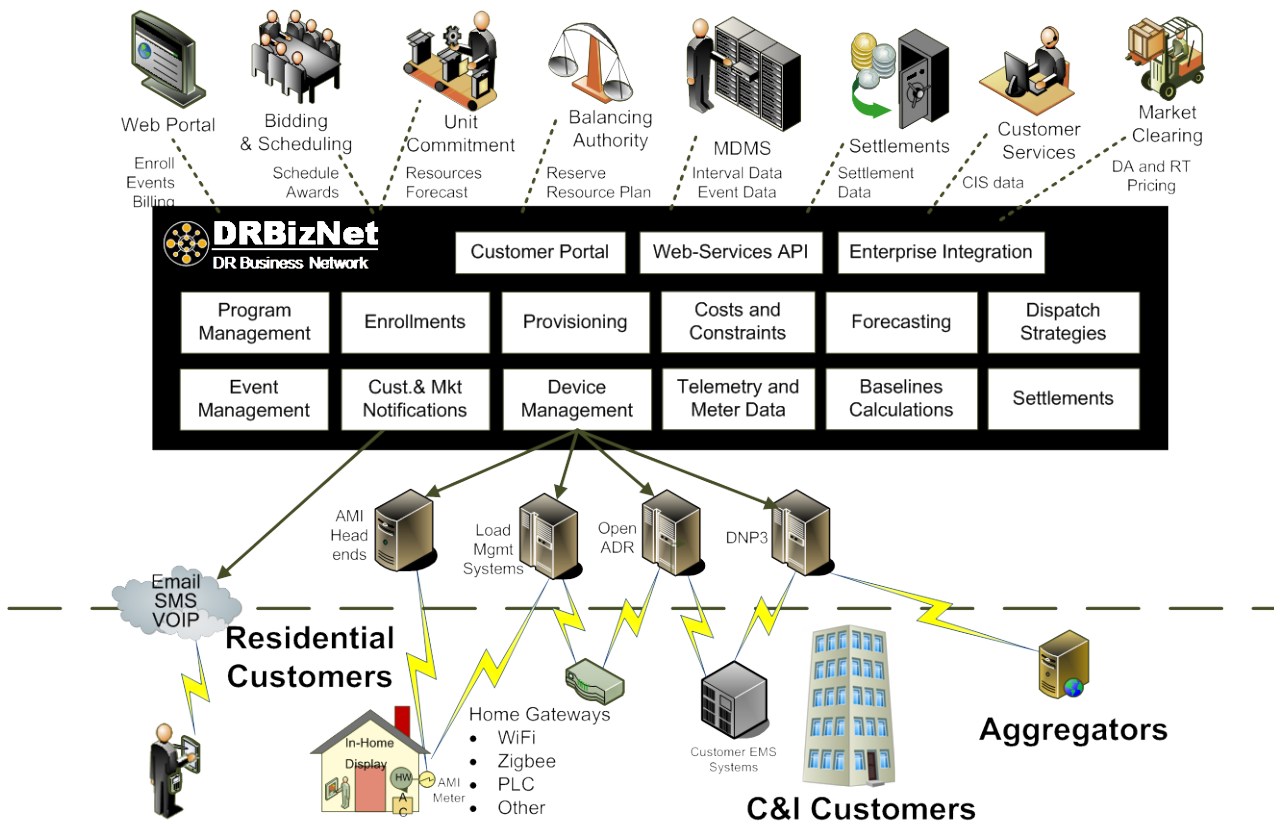
To date, most utilities have used manual processes and fragmented spreadsheets to manage these business processes. Faced with an increasing number of demand resources, rising volume of DR transactions, and frequent changes in DR tariffs, utilities now need a more functional and integrated DR management platform that can store the DR information, automate the DR processes, and can readily deal with the changing DR tariffs and business rules.

The platform should also have an open architecture and seamlessly integrate with various DR hardware devices such as building energy management systems, programmable thermostats, and in home displays, as well as utility enterprise applications such as CIS, meter data management, AMI, and Outage Management. It should also be independent of DR hardware and AMI head-end systems and be able to work with multiple technologies from multiple DR vendors or aggregators simultaneously.

UISOL DR MANAGEMENT SOLUTION

UISOL's **DRBizNet**® is a comprehensive, integrated, and flexible software for simplifying management of demand resources and programs, and protecting utilities' investments in DR infrastructure. DRBizNet is the result of a decade of R&D that was successfully demonstrated in California in 2006 in a field simulation involving three utilities and the California ISO. It is currently in production use at several companies including the largest DR market in the world, PJM, (<http://uisol.com/new/news/uisol-delivers-next-gen-drm-app-to-pjm/>). Over 750 users in more than 200 organizations in 27 states are using DRBizNet to enable more than 7,500 MW of demand response representing over 450,000 end-use customers.

UISOL Demand Response Management



DRBIZNET ARCHITECTURE

The DRBizNet system architecture defines the state-of-the-art in application flexibility. It provides a DR business process management/workflow engine that can readily adapt to the changing needs of a growing DR system. Program and workflow changes can be implemented in days versus months at a fraction of the cost making new DR programs easier to implement and manage. An embedded "DR Bus" enables seamless data integration with other applications within the enterprise and other entities in the DR value chain.

ABOUT UISOL

Utility Integration Solutions, Inc. (UISOL) is the utility industry systems integration specialist. UISOL offers a range of integration services and software solutions to help its utility clients transform their business performance through the power of smart integration for demand response, smart grid, advanced metering, meter data management, market operations and more. UISOL **DRBizNet**® is the leading software platform for DR management and the integration of distributed energy resources in the utility industry. Its implementation at PJM Interconnection was selected as a 2010 "Project of the Year" from Pennwell Publication's POWERGRID International Magazine. Visit www.uisol.com or call 925-939-0449.