



Unleashing the Value of
Your Smart Grid Investment

SMART GRID SYSTEMS INTEGRATION

Activate the Value of Smart Meter Data to Power Your Enterprise

Smart metering is only a starting point. Real value is locked in the data captured. Integrating this data presents a utility with a new opportunity to power forward across all its enterprise functions, from customer service and billing to asset and outage management, engineering workflow, and workforce management. To seize this unique opportunity to integrate data and systems you need an experienced partner.



David O'Brien
Apex Board Member &
Smart Grid Advisor

In his capacity as CEO of Toronto Hydro, Mr. O'Brien headed the deployment of over half a million smart meters and Time of Use (TOU) billing implementation. Toronto Hydro-Electric Systems has been recognized as one of the fastest, most extensive meter deployments in North America.

Call Apex today to schedule a private conversation with Mr. O'Brien on "Practical Lessons from a Smart Grid / Smart Meter Visionary".



Apex Expertise Drives Project Success

Apex has the experience, people, capabilities, and proprietary tools to perform as your systems integration partner on any size smart metering initiative. If you already have an internal or external project integrator, Apex will become an effective part of the team. If not, we have all the expertise to take on the complete systems integrator role.

Smart Integration Delivers Enterprise-wide Benefits

Cutting costs is a primary reason for smart metering, but most of the savings actually flow from smart integration. That's why it is so important to employ a comprehensive integration approach that is highly structured, controlled, and visible at every stage. Each step of Apex's integration methodology is focused on speed, accuracy, and cost effectiveness:

» Data Collection and Management –

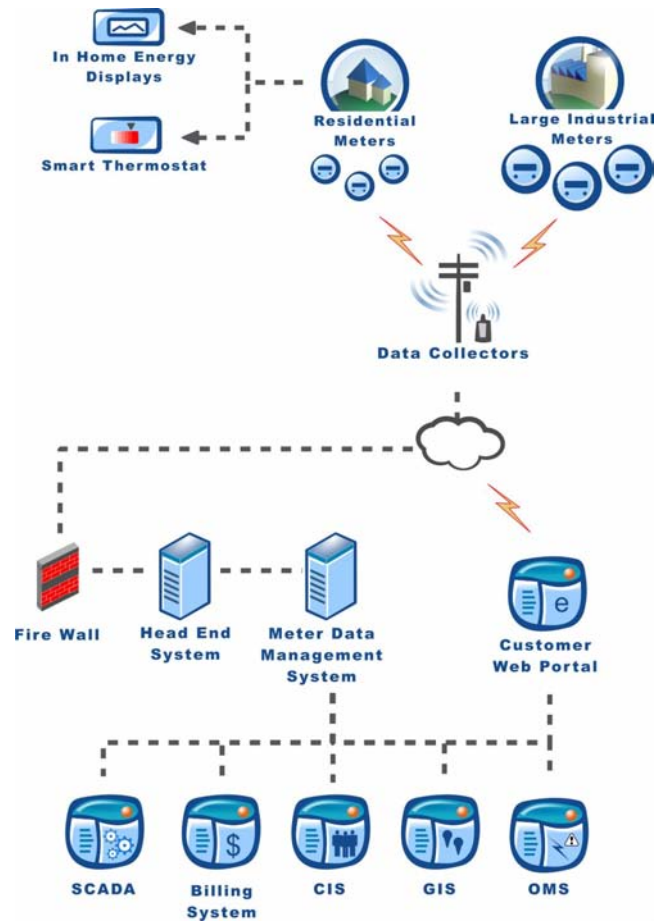
We select and install appropriate data collectors to receive input from your new smart meters, integrate the Meter Data Management System (MDMS) as the controller of all data inflow and outflow, and incorporate legacy databases and security features.

► **Data Interfaces –**

Next we ensure smooth integration with all existing departmental functions, including OMS, CIS, GIS, and AMS. We can also help you create new services, such as a customer-facing web portal, a load control management server, smart phone applications, and much more.

► **Future Systems and External System Interfaces –**

We make sure you can accommodate systems upgrades to more effectively manage workforce, outages, and field assets, and we integrate secure modes of transfer for required data to municipal and state agencies and data repositories.



Choose the Right Integration Partner and Success Will Follow

Apex offers the full range of expertise to provide “turnkey” smart grid solutions, from metering through all phases of systems integration. Our world-class engineering team includes Apex Director, David O’Brien, who led one of the first complete Smart Grid installations as President of Toronto Hydro. You can have confidence in service with experience and integrity when Apex is your systems integration partner.

About Apex CoVantage

Apex CoVantage is a private, employee-owned company that for more than 20 years has helped businesses to develop and execute strategies in the information and knowledge fields. Based in Herndon, Virginia, Apex was a pioneer in the market for off-shore knowledge-based solutions; we now have over 2,500 employees here and abroad. From the beginning, Apex specialized in developing and improving man-machine processes that optimally combined human creativity with machine processing efficiency, sometimes finding transformative solutions leading to quantum gains in efficiency—often well beyond what clients thought possible.



Anthony Howells
Business Development Executive
Engineering Solutions

Apex CoVantage
198 Van Buren Street
200 Presidents Plaza
Herndon, VA 20170-5338

t 703.709.3447
m 703.342.7150

ahowells@apexcovantage.com
www.apexcovantage.com

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For more information, please see our website at
www.apexcovantage.com