

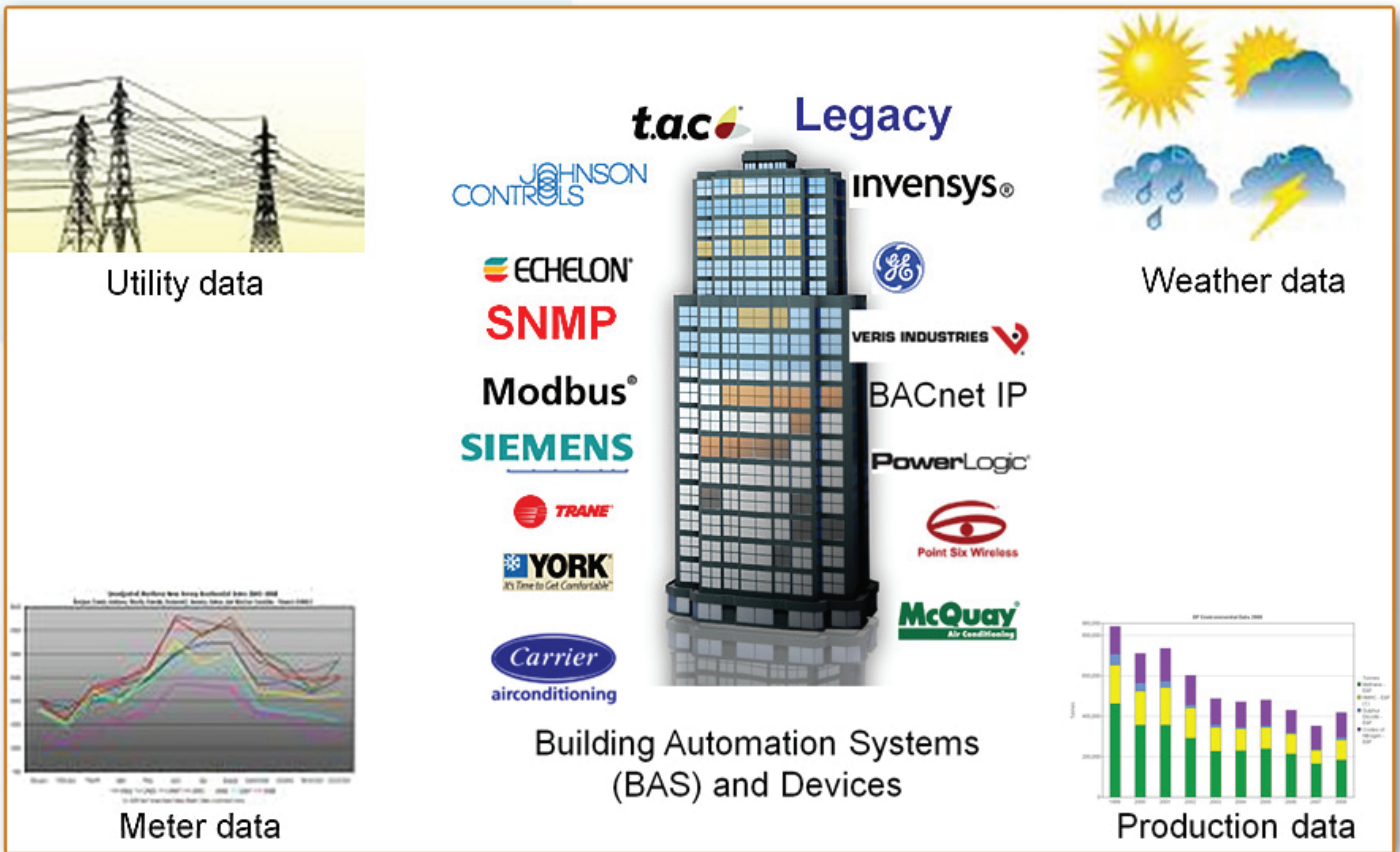
## HOW MUCH ELECTRICITY, WATER, AND NATURAL GAS DID YOUR ORGANIZATION USE TODAY?

Current Analytics is a systems integration company specializing in Enterprise Energy and Environmental Management (EEM). We provide building owner-operators with the ability to monitor and control their use of electricity, water, and natural gas across all of their buildings and core business processes. Our clients benefit by operating a more efficient organization with lowered energy costs, decreased operational and maintenance expenses, increased staff productivity, a smaller carbon footprint, and accurate data for their sustainability report card.

## "IF YOU CANNOT MEASURE IT, YOU CANNOT IMPROVE IT." – LORD KELVIN

A big challenge facing today's building owner-operator is how to save money and achieve sustainability mandates. Both modern and old buildings are rich with energy and resource information that can be tapped for energy savings. But that information is stuck in proprietary silos such as building automation systems (BAS), devices, meters, weather data, utility bills, and production system databases. The answer is to leverage an EEM solution that integrates these disparate data sources into a cohesive framework that saves money, time, and resources.

## WITHOUT EEM, INFORMATION IS STUCK IN SILOS



*Figure 1. Every building has rich sources of energy and resource use information that is usually stuck in silos. EEM integrates these disparate data silos into a unified system that powers you to save money, time, and resources.*

## INTEGRATION THROUGH THE CISCO NETWORK BUILDING MEDIATOR

We perform the analysis, design, and systems integration for the complete range of your energy and resource-using systems. These include disparate building automation systems (BAS) as well as data from production areas, weather, utilities, meters, and devices.

## INTEGRATION THROUGH THE CISCO NETWORK BUILDING MEDIATOR

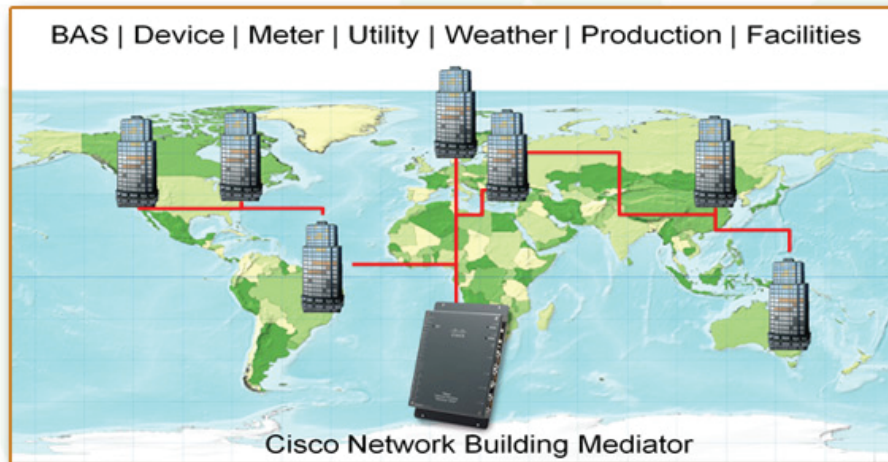


Figure 2. The Cisco Network Building Mediator securely extends the TCP-IP network into building systems using open protocols. It connects to most proprietary building systems and protocols and provides XML and web services connections to 3rd party applications.

## MONITORING AND CONTROL THROUGH CUSTOM GREEN SCREENS AND DASHBOARDS

Following integration, we provide you with custom green screens and dashboards that deliver actionable insight for the defined roles and responsibilities in your organization. Each defined view — Executive, Manager, Engineer or Custom — displays the right information required to make informed decisions and track performance. With ten years' experience in custom software development, we are well-versed in the nuances of effective information design.

## DELIVERY OF ACTIONABLE INSIGHT

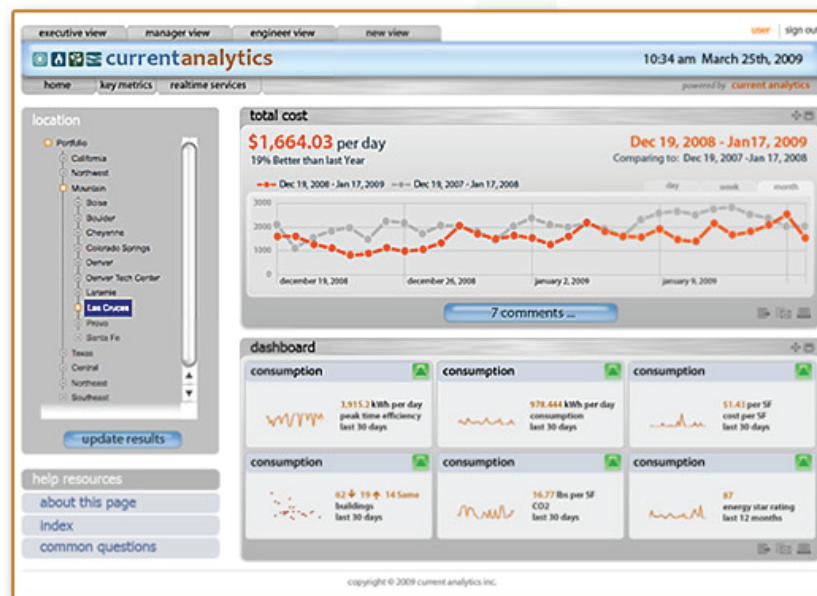


Figure 3. Monitoring and control is provided via custom green screens and dashboards tailored for Executive, Manager, Engineer and Custom views.



## OPTIMIZATION OF ENERGY AND RESOURCE USE

After the EEM architecture is deployed, you are able to optimize energy and resource performance across your enterprise via:

- Automated Demand Response (ADR)
- Automated Fault Detection and Diagnostics (AFDD)
- Continuous Commissioning

## LEVERAGE EEM FROM A SECURE, SCALABLE SYSTEMS ARCHITECTURE

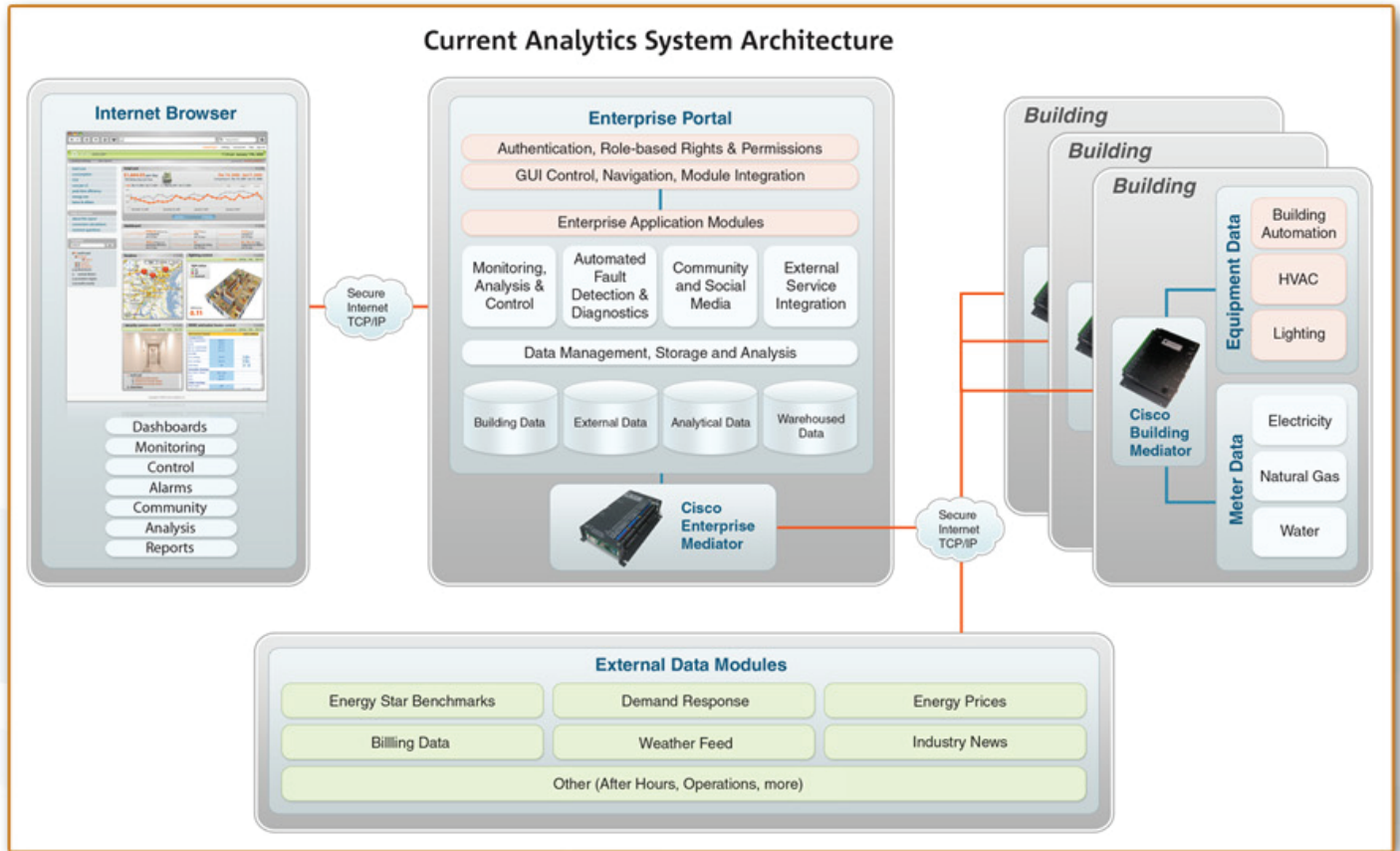


Figure 4. Current Analytics integrates disparate systems, deploys custom green screens and dashboards, and optimizes energy and resource use via a secure, scalable system architecture.

## PROTOCOLS

The Current Analytics solution securely connects with more than 50 building automation system protocols including those used for heating, air conditioning, ventilation, metering, security, interior and exterior lighting, irrigation, cooling, pumps, motors, sensors, access controls and others. Custom protocols can be developed as requested.

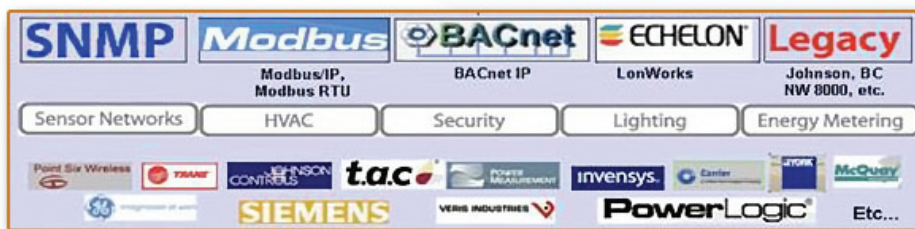


Figure 5. "We have one of everything." - Average Enterprise Facility Manager



## PARTNERS



Current Analytics is a Cisco Certified Technology Partner and works closely with its Connected Real Estate (CRE) division as a cloud computing application services provider for web-based enterprise energy management.



Current Analytics is also a contributing member of Team Co-op, a cooperative energy management solutions group.



Current Analytics believes businesses benefit financially by continually improving their management of energy resources, and the environment benefits from reduced levels of related pollution. We are proud to offer services and products that can assist businesses that have committed to the goals of ENERGY STAR.

## PAYBACK

Achieving greater energy efficiency and control for your organization is a wise investment that pays for itself. Current Analytics empowers anyone in your organization with the real-time data that allows your organization to improve the efficiency of your facilities, typically reducing energy and maintenance costs by 10-20% with a payback in 24 months or less.

## GETTING STARTED

Contact us for a free initial consultation. [Info@CurrentAnalytics.com](mailto:Info@CurrentAnalytics.com), T: 805-886-6400.

