

AllSites™ Energy Management App

Your Smart Building Should Be Efficient

Energy savings are among the first gains you should expect from advanced building controls. But not all energy management systems are the same. As you choose yours, consider three factors that will critically impact your results – openness, scalability, and interoperability to maximize the benefits of an energy management system.

Built on Current's Intelligent Environment Platform (IEP), **AllSites** is GE's unified controls and energy management app designed by energy management experts to transform how companies approach multi-site energy management. AllSites consolidates heterogeneous building management systems into an easy-to-use dashboard, enabling enterprises to deploy new controls or integrate with existing, disparate building automation systems to oversee thousands of sites, saving you time while your sites save energy.

Benefits

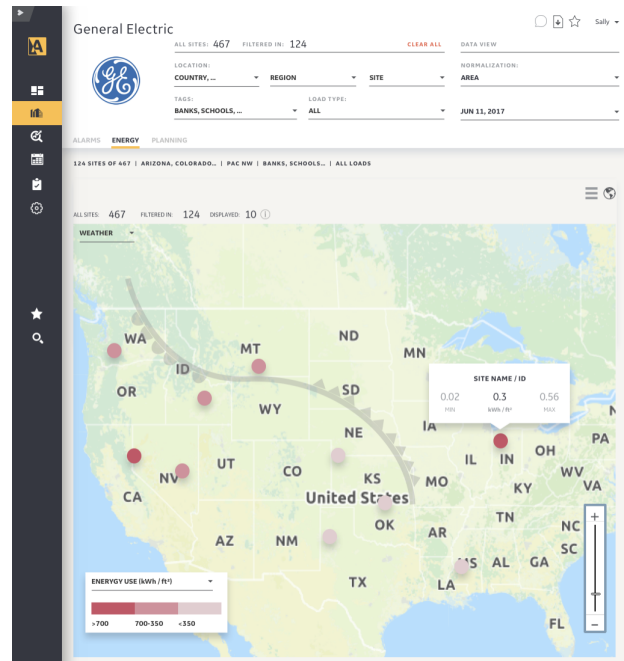
- Secure, scalable energy solution that reduces total energy spend and asset lifecycle costs
- Built on open-standards building technologies for longevity and flexibility
- Intuitive interface simplifies complex, disconnected building systems
- Wide selection of standard-compliant sensors and controls for cost-effective instrumentation of buildings
- Maximize saved time, increase likelihood of complete, real-time resolution via smart alarms

Three-Pronged Strategy for Scalable Energy Management

Control: Customize enterprise-wide scheduling, controls, and override management

Insight: Centrally manage thousands of locations and even more assets with real-time analytics

Optimize: Leverage automated tools to optimize equipment performance, energy costs, and savings



Outcomes

- **Lower risk:** Backed by the longevity of GE and security of Current's Intelligent Environment Platform
- **Easier deployments:** Open architecture integrates with existing systems
- **Better system at lower cost:** Open platform means a wide range of compatible ZigBee sensors and controls for futureproofed digital infrastructure
- **Reduces overhead:** Combines controls and energy management into a single multi-site app
- **Energy savings:** Beyond 30% reduction in lighting energy use, emissions, and environmental impact, in addition to the 40% savings available with LED

Set Control Strategy

Automate lighting and HVAC controls via Daintree Enterprise or existing building management systems. You can now manage schedules and overrides across your portfolio through a single user interface. And you can create profiles for local conditions as well as intricate overrides, either enterprise-wide or down to a specific piece of equipment.

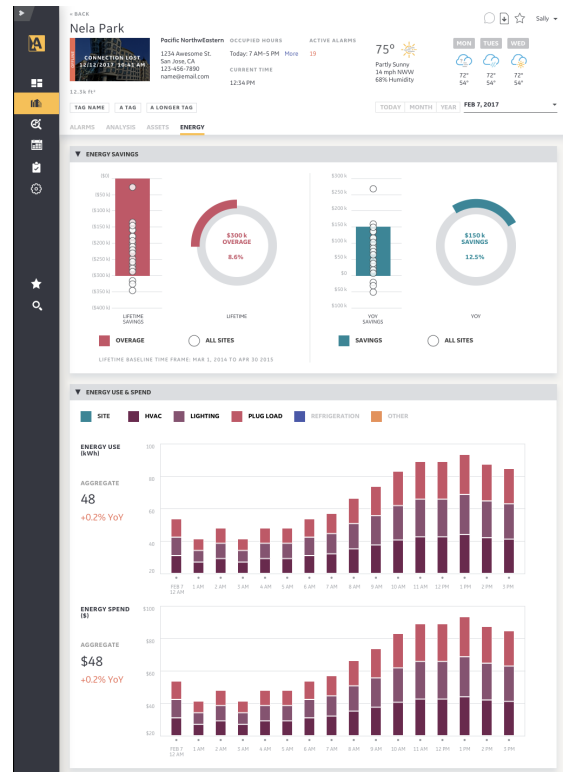
Gain Insight on Your Assets

Ingest sub-meter data for detailed energy usage and savings analysis for sites and assets. You can view, monitor, and compare key performance indicators (KPIs) for energy across your portfolio to see which sites are stars and which need help.

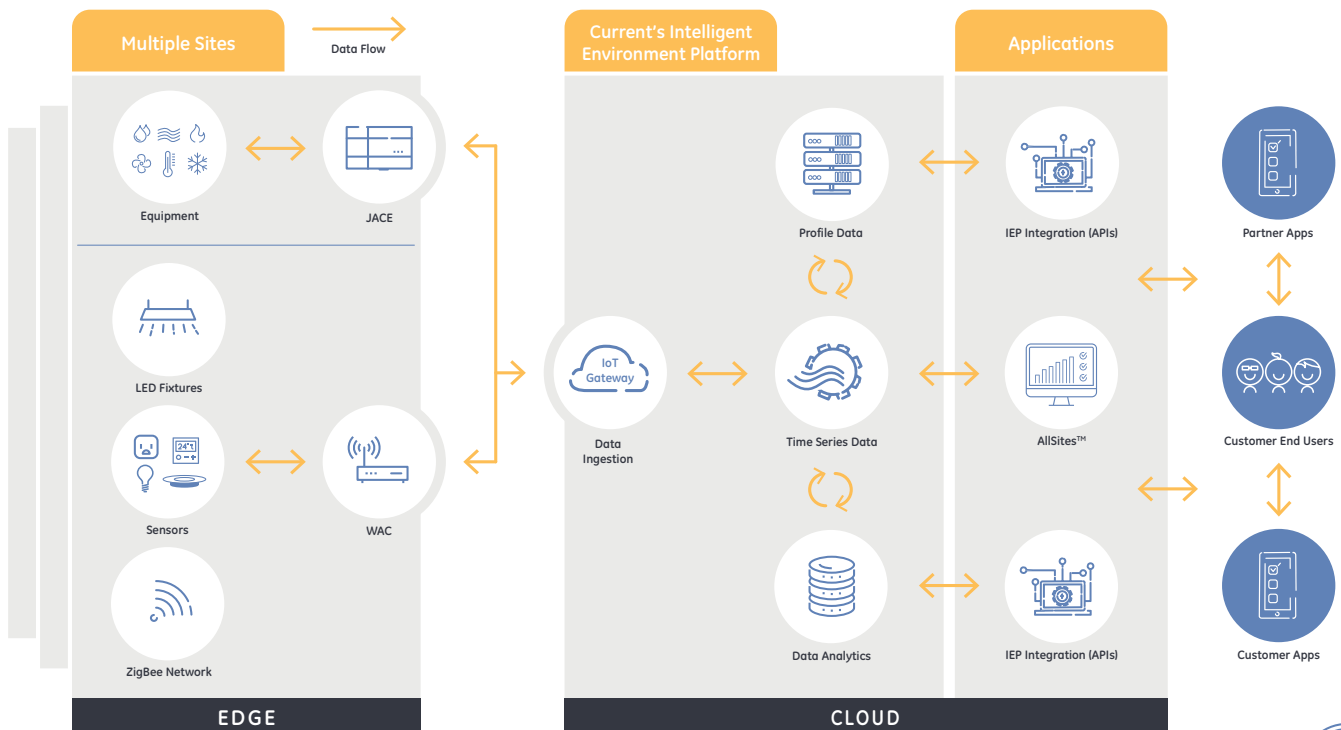
Benefit from smarter alarms. Alarms often get ignored due to sheer volume, so Current built automatic priority ranking. At a glance, you can see which alarms are relevant and require action. They can also alert you of opportunities to save energy and potentially extend asset life.

Optimize Asset and Building Performance

Move beyond energy management and begin to improve asset utilization, prolong asset life and reduce maintenance costs. From energy-normalized comparisons to RTU load balancing, you're equipped to spend less on energy and less on asset maintenance and CapEx.



Site Reporting and Analysis



AllSites Capabilities

AllSites Smart Building Solution

Data Collection, Ingestion, and Access	
Tridium JACE Controller	✓
Daintree WAC Controller	✓
Near Real-time Status Data	✓
Time Series Data	✓
Data Streams and Modeling	
Site Data	✓
Schedules and Controls Settings Data	✓
Asset Data	✓
Environmental Data	✓
Meter Data	✓
Weather Data	✓
Scheduling and Controls	
Centrally manage and configure setpoint override schedules	✓
Manage overrides and schedules across the enterprise, by site, or for a specific asset	✓
Reporting, Analysis, and Presentation	
Modern, intuitive, and data-driven user experience for enterprise portfolio management	✓
Map-based portfolio analysis and site navigation	✓
Near real-time status of asset and sensor point data	✓
Time series trending of individual asset and sensor point data, correlated with other data such as weather, occupancy, alarms, etc.	✓
YoY energy visibility (usage, spend) calculations	✓
Compare energy KPIs (usage, spend, savings, and peak demand) across portfolio	✓
Site level energy usage and spend trend analysis	✓
Site level energy usage and spend trend analysis disaggregated by load type	✓
Site level energy demand profile analysis	✓
Site area (sq ft) normalized energy KPIs	✓
Energy cost calculations based on blended rate	✓
Data export	✓



AllSites Capabilities

AllSites Smart Building Solution

Fault Detection and Diagnosis	
Rules-based smart alarms to identify equipment faults and insights into energy savings opportunities	✓
Compare benchmark alarms data across portfolio	✓
Automated priority ranking of sites	✓
Automated email notifications	✓
Building Optimization	
RTU equipment coordinated control and load balancing	✓
General	
Automatic backup of enterprise, site, and asset meta-model, configuration, and time series data	✓



Where does AllSites fit?

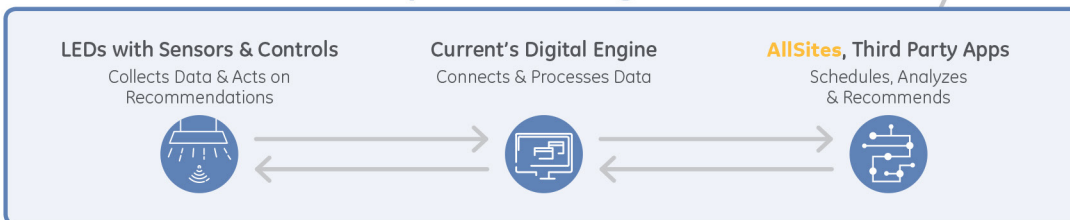
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Most apps running on our open platform aren't built by us we rely on experts in the specific outcomes you're looking for. In fact, our ecosystem of 125 app partners includes experts in offices, industrial sites, retail spaces, and other types of spaces.

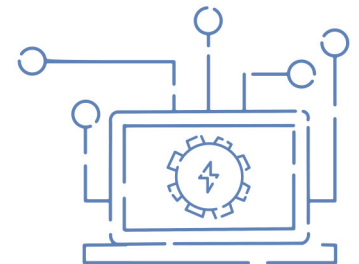
Contact us today at currentbyge.com for a demo of AllSites saving energy, or to discuss how smarter buildings can help you achieve other business goals.



Your Current-powered Intelligent Environment



Efficiency + Productivity Improvements



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