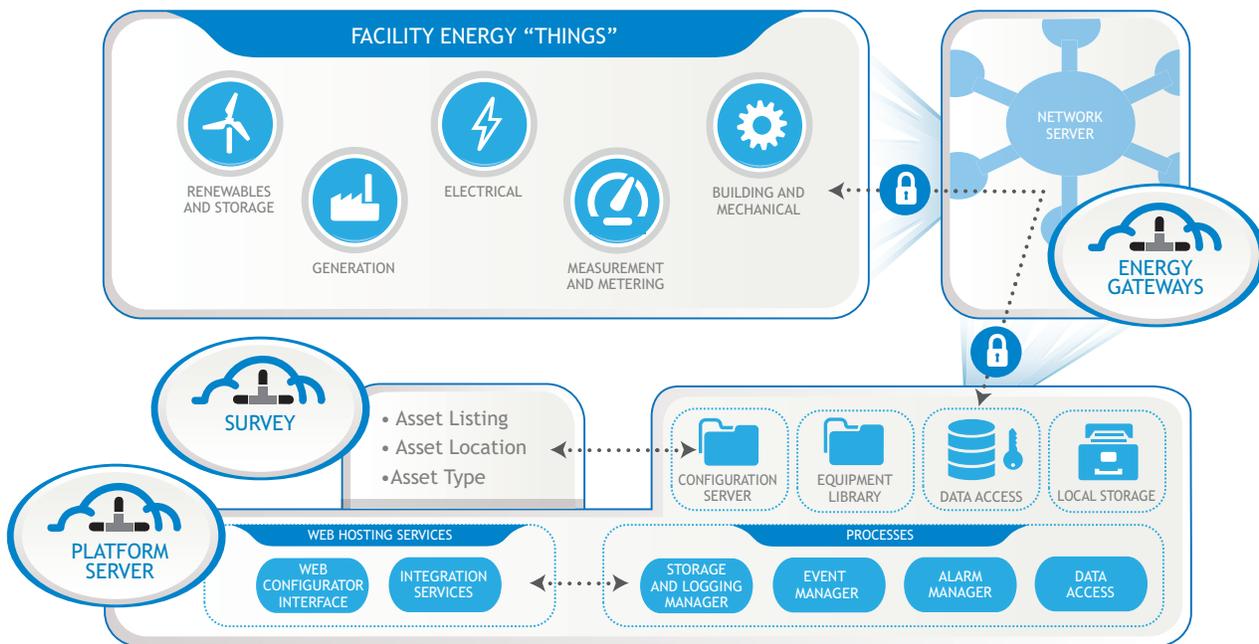




Digital Energy Network of Things™

Blue Pillar’s Aurora® product is the first step for any facility looking to build a uniform, vendor-agnostic platform for connecting to, collecting from, and controlling equipment within their facility...regardless of make, model, vintage, or protocol.

Aurora is the Industry’s first and only turnkey survey, retrofit, interface, and data storage platform which provides for a single solution for core metering, electrical, mechanical, and generation assets within your facility. In addition, Aurora is software application agnostic - meaning once installed, the power to choose which dash-boarding, visualization, and control software platform is entirely up to you. The end result is enhanced visibility, control like never before, and the data and information necessary to make informed decisions and deliver on cost containment.



Before:

- Stranded facility metering assets
- Dozens of facility hardware vendors without a uniform connectivity and control interface
- Unmonitored critical power systems



After:

- Complete connectivity and visibility across the network
- One single, robust system for all your metering and collecting needs
- Streamlined deployment process

Blue Pillar's Aurora product is unlike any industrial automation, SCADA, or energy management solution on the market today.

Aurora is engineered to be deployed without customization — on-time, everytime. Utilizing a streamlined FIVE-STEP deployment process methodology, combined with a pre-existing software library of hundreds of asset specifications from dozens of manufacturers — Blue Pillar's Aurora product can turn an entire facility of stranded assets into a robust, secure, connected and controllable Digital Energy Network in a matter of days.

Aurora's 5-Step Deployment Process:

STEP ONE: Survey

Connecting your facility assets begins with a fully automated, tablet based, electronic survey tool utilizing Blue Pillar's Aurora Survey engine. A representative from Blue Pillar will jointly walk your facility with you - carefully recording facility asset types, location, nameplate information, and the level of existing automation / connectivity. Within *minutes* of checking in the completed survey — not days, not weeks (or more) — Blue Pillar can provide a comprehensive asset listing and budgetary costing report for a complete system implementation. The survey virtually eliminates guesswork, delays and risky estimates.

STEP TWO: Generate

Blue Pillar's Aurora deployment process streamlines all phases of deploying a facility system in order to eliminate the project risks, cost overruns, time delays, and un-met expectations often associated with connecting assets in an "old school, stick built" custom SCADA implementation. One critical capability to streamline this process is to auto-generate electronic electrical engineering drawings for the retrofits needed to connect to assets. Blue Pillar's Aurora Generate solution does this within seconds of finalizing a confirmed survey.

STEP THREE: Retrofit

Connecting to ANY assets regardless of make, model, vintage, protocol, or type is no easy task. Historically the industry has attempted to solve this problem by selling custom PLC's supported by even harder to find PLC programmers. The result inevitably has been incredibly inefficient stranded metering systems and clipboard-based asset management. The Aurora Energy Gateway solves all of these issues with a turnkey retrofit solution which combines the ability to speak legacy asset protocols with secure IP networking to provide a connection, collection, and control interface to all of your facility assets.

STEP FOUR: Configure

By accessing the results of the Survey process, Aurora Configuration Manager auto-configures all Aurora Energy Gateways so they not only know what they are attached to - but what they need to collect and what can be controlled. The result is a simple plug-and-play installation and turn-up process which allows detecting, connecting, and managing assets in a matter of seconds... and with no custom programming or hours to pay for.

STEP FIVE: Enable

Big data doesn't have to be a big problem. And pretty dashboards are great - provided they have access to usable information. Aurora specializes in ensuring the facility asset data and control are at your fingertips at all times. Aurora's patent pending data aging processes allow high performance access to real-time and historic data without crushing your IT storage and back-up budgets. Additionally, Aurora provides local or cloud based accessibility to any Blue Pillar and/or 3rd-party software application via a simple and secure data interface.