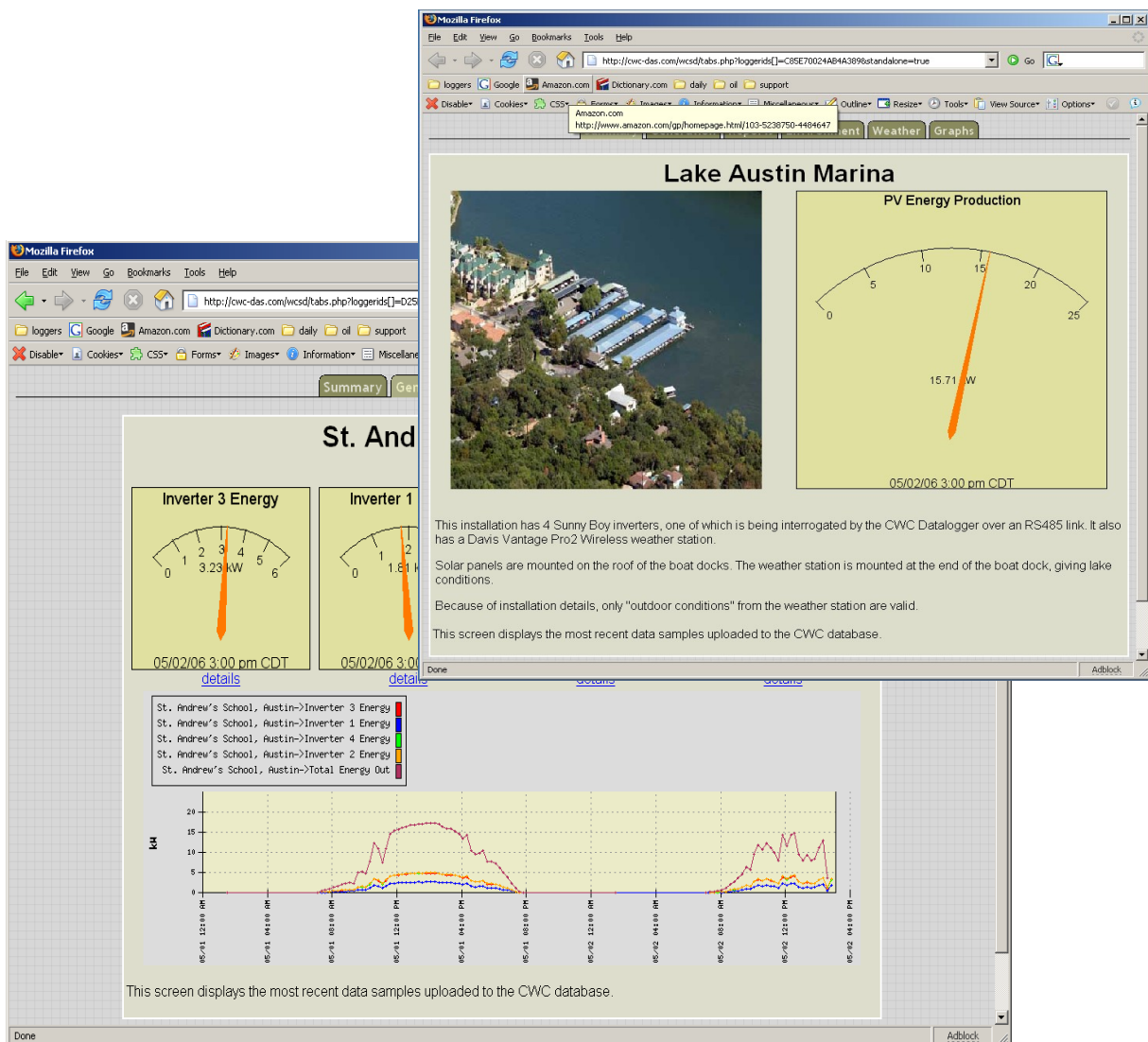


The CWC Datalogging System

The CWC Datalogging System is a complete, web-based system for collecting data and making it visible anywhere. It combines simple, autonomous hardware with web-based configuration and data display utilities to provide an effective, low-cost solution for monitoring the performance of renewable energy systems, and for many other applications.

- Low-cost, web-based system
 - Autonomous datalogger hardware
 - Automatic discovery of sensors
- Data storage in web-attached database
- Access via standard web browsers
 - For data visualization
 - For logger configuration management



The Hardware

- Autonomous (no PC)
- Web-attached (Optional dialup support)
- Configured using web-based utilities
- Simple Installation:
 - Connect sensors (automatic discovery)
 - Connect to network
 - Apply power
 - Configure using web-based tools

Data visualization

- On any web browser - no software installation
 - From CWC web site
 - Graphing
 - Meters
 - Summary reports
 - Using CWC graph and meter widgets embedded in your own web pages
- Local, real-time data available from embedded (in logger) HTTP server, to browsers on local network
 - Data since last upload available to any browser, anywhere

Web Security:

- NO open ports required in your router
- ALL configuration and data exchange with web is via HTTP transactions initiated by the datalogger.

Sensors

- Native support:
 - Low-voltage analog-in (ideal for silicon pyranometer)
 - 4 Counter channels (ideal for KYZ utility meters, or other transducers with pulse output)
- Extension via "1-wire" bus devices
 - Temperature
 - Humidity
 - Wind speed/direction
 - Barometric Pressure
 - Analog inputs
- Additional support for selected RS232 or RS485 devices:
 - All SMA products (multidrop supported)
 - Xantrex GT
 - Fronius
 - Outback FX/MX/Mate
 - Davis Vantage Pro Weather Station
 - Inquire about others

Logger Configuration Management

- All through standard web browsers
 - Upload schedules
 - Data channel programming:
 - Sampling schedules
 - Sampling policies
 - Sampling schedules & policies

More information is available at <http://cwc-das.com>.