

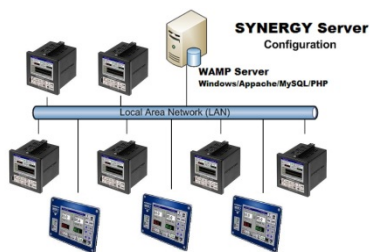
**FOR RELEASE: IMMEDIATELY**

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## **NEW SYNERGY SERVER FEATURE HELPS ORGANIZATIONS MANAGE LARGE ENVIRONMENTAL TEST CHAMBER AND PROCESS OVEN FARMS**

***Tidal Engineering's Synergy Server, an open source platform designed to help OEMS and independent test labs improve efficiency by providing unlimited centralized web storage for test results, test programs, and controller backups.***



Randolph, NJ, Tuesday August 6, 2013. Tidal Engineering, a leader in the design and development of embedded hardware and software for environmental test control and data acquisition systems, today announced Synergy Server. A database application for customers operating Synergy Controller/Data Logger's in large test chamber and process oven farms.

The Synergy Server is a web server/database application designed to provide virtually unlimited centralized and searchable storage for any number of Synergy Controllers. Based on open source WAMP server technology (Windows OS, Apache Web Server, MySQL Database, and PHP scripting platform), the Synergy Server provides a simple Web Interface for:

- Centralized Program (Recipe) Storage
- Centralized Test Results Storage
- Centralized Controller Backup Storage

The software can be installed on any Windows PC or Server in the enterprise and after a one-time setup, controllers can be programmed to deliver test results to the Synergy Server automatically at the conclusion of each test. Test programs can be retrieved from the centralized program storage to maintain configuration control.

One of the key benefits of the Synergy Server is it's search capabilities; facilitating test record management for the whole lab. Records based on chamber identification, program (profile) name, test date, etc. are easily selected and retrieved with this feature.

Specifically, at the top of each page a filter field is available to select specific test records on the server. For example, we can select all test results from the chamber identified as BTRC by typing BTRC in the filter at the top of the test results page. In addition, centralized storage for programs (profiles) solves issues associated with maintaining configuration control over hundreds of test chambers and process ovens.

Tidal's award-winning Synergy Series of hardware and software are expressly engineered to enhance the performance of a broad range of test chambers. Exhibiting unparalleled integration and connectivity efficiencies, the instruments are designed to retrofit easily into virtually any test chamber and oven including those manufactured by Tenney, ESPEC, Thermotron, Envirotronics, Qualmark, Russells, Chart, and CSZ. The Synergy Controller line includes the ¼ DIN Synergy Nano and the full-sized Synergy Micro 2 controller. The Synergy Controller's networking capabilities are compatible with office and factory automation as well as test and measurement protocols and standards.

Offering OEMs, test labs, and re-builders/re-furbishers the ultimate in cost-effective integration of control, logging and connectivity features, these instrument are singularly appropriate for use in the broadest spectrum of environmental testing applications including temperature, humidity, vibration, altitude, HALT (Highly Accelerated Life Testing)/HASS (Highly Accelerated Stress Screening), thermal shock, and thermal vacuum testing processes. Synergy Controllers are ideal for use in chambers and process ovens when controlled environments are essential for the testing, processing, screening, and calibration of mission-critical systems and components. Among those industries in which these instruments can be confidently employed are electronic systems, semiconductors, aerospace, automotive, medical, and pharmaceutical. Synergy Controller Retrofit kits and on-site installation are available for test chamber and process oven retrofits. Synergy Controllers are available from all major chamber manufacturers.

To learn more about the Synergy Server features and the Synergy Controller family, visit [www.tidaleng.com/synergy.htm](http://www.tidaleng.com/synergy.htm) or contact Craig Borax at Tidal via either phone (973/328-1173) or e-mail ([craig.borax@tidaleng.com](mailto:craig.borax@tidaleng.com)).

Base pricing for the Synergy Server feature is \$265 per controller. The feature can be enabled in the field on most systems without any hardware changes. A software upgrade available via download may be required.

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**About Tidal Engineering Corporation:**

Headquartered in Randolph, NJ, Tidal Engineering Corporation was founded in 1992. The company is globally recognized for designing and building award-winning environmental test chamber control and data acquisition hardware and software. The company further provides application support to OEMs and end-users involved in environmental testing, lab management and data acquisition. Tidal's products and services are widely used in such industries as defense, homeland security, semiconductors, aerospace, automotive, medical, and pharmaceutical.