

FOR IMMEDIATE RELEASE

City of Sacramento Approves Major Expansion to Successful VTScada Installation

Initiates Sole Source Contract with Trihedral for Software, Training, and Support

On December 15, 2015, the City Council of Sacramento, California, passed a resolution to execute a Professional Services Agreement with Trihedral, the developers of VTScada software, to expand their existing SCADA licensing to accommodate 500,000 data points, as well as provide additional software licenses, thin clients, training, and support.

Building on Success

In 2012, Sacramento's Department of Utilities (DOU) completed the first phase of their Supervisory Control and Data Acquisition (SCADA) Software Replacement Project which replaced their legacy GE Fix32 (SCADA) software with Trihedral's VTScada platform. The 111,475 tag application provided monitoring and control for distributed water, wastewater, collections, and distribution infrastructure.

A report to City Council by the Sacramento DOU cites the success of this system when recommending its expansion. "DOU has been very pleased with the performance of the VTS* system and Trihedral, Inc., and is requesting the purchase of software upgrades, licenses, training, and support, in order to meet significantly increased need for controls and data acquisition from the SCADA system."

Meeting the Needs of a Growing City

The report details the expanded application: "The Water Treatment Plant (WTP) Rehabilitation project (Z14006000) has substantially increased the number of data points required for local and remote monitoring of the SCADA system and increased the number of licenses needed to allow Plant operators access to the SCADA system. The recent opening of the DOU's Department Operations Center (DOC) has also increased the need for VTScada software licensing and support. Additional licenses are needed at DOU facilities throughout the City for remote access to the SCADA system. Training and support assistance is needed to ensure that the software upgrade is successful."

Department Operations Center (DOC) - Facilitating Emergency Response

From the report: "The DOC provides a centralized location for DOU staff security, communications, and facility operations monitoring during emergency events. As part of the DOC operations, DOU staff monitors the SCADA system during events using one VTS internet client license. To accommodate higher SCADA use during DOC events, DOU is requesting one additional VTS Thin Client license at this location."

Expanded Remote Access

VTScada Thin Clients (also known as Internet clients) allow authorized users to monitor and control their systems from networked computers or HTML5-compliant mobile devices that do not have VTScada installed. In addition to the new Thin Client for the DOC, the report recommends ten additional Thin Clients for various DOU facilities throughout the City.

Training and Support

Trihedral will provide up to three weeks of training and support for the software upgrade and additional licenses through June 30, 2016.

Read the Report to City Council

http://sacramento.granicus.com/MetaViewer.php?view_id=22&event_id=2730&meta_id=453834

* In the DOU report VTS is used as an abbreviation of VTScada.

Meeting Date: 12/15/2015 Report Type: Consent Report ID: 2015-01062	City of SACRAMENTO 13 City Council Report 915 I Street, 1 st Floor www.CityofSacramento.org
Title: Agreement: Upgrade of the Department of Utilities Supervisory Control and Data Acquisition (SCADA) System, VTScada (VTS) [Two-Thirds Vote Required]	
Location: Citywide	
Recommendation: Pass a Resolution 1) suspending competitive bidding in the best interest of the City for the purchase of a VTScada (VTS) data point upgrade to 500,000 tags, additional software licenses, training, and support assistance for the City of Sacramento, Department of Utilities; and 2) authorizing the City Manager or the City Manager's designee to execute a Professional Services Agreement with Trihedral, Inc. to provide a VTScada (VTS) data point upgrade, additional software licenses, training, and support assistance in an amount not to exceed \$277,167.	
Contact: Dan Sherry, Engineering Manager, (916) 808-1419; Charley Cunningham, Utilities Operations and Maintenance Superintendent, (916) 808-5518, Department of Utilities	
Presenter: None	
Department: Department Of Utilities Division: Electrical & Instrumentation Dept ID: 14001361	
Attachments: 1-Description/Analysis 2-Background 3-Resolution 4-Professional Services Agreement	
City Attorney Review Approved as to Form Joe Robinson 12/17/2015 2:18:55 PM	
Approvals/Acknowledgements Department Director or Designee: Bill Busath - 11/30/2015 3:53:51 PM	