

IBM's Smarter Cities Challenge Grant

March 8, 2013, update

Tucson Water Central Control and SCADA System, Tucson, Arizona

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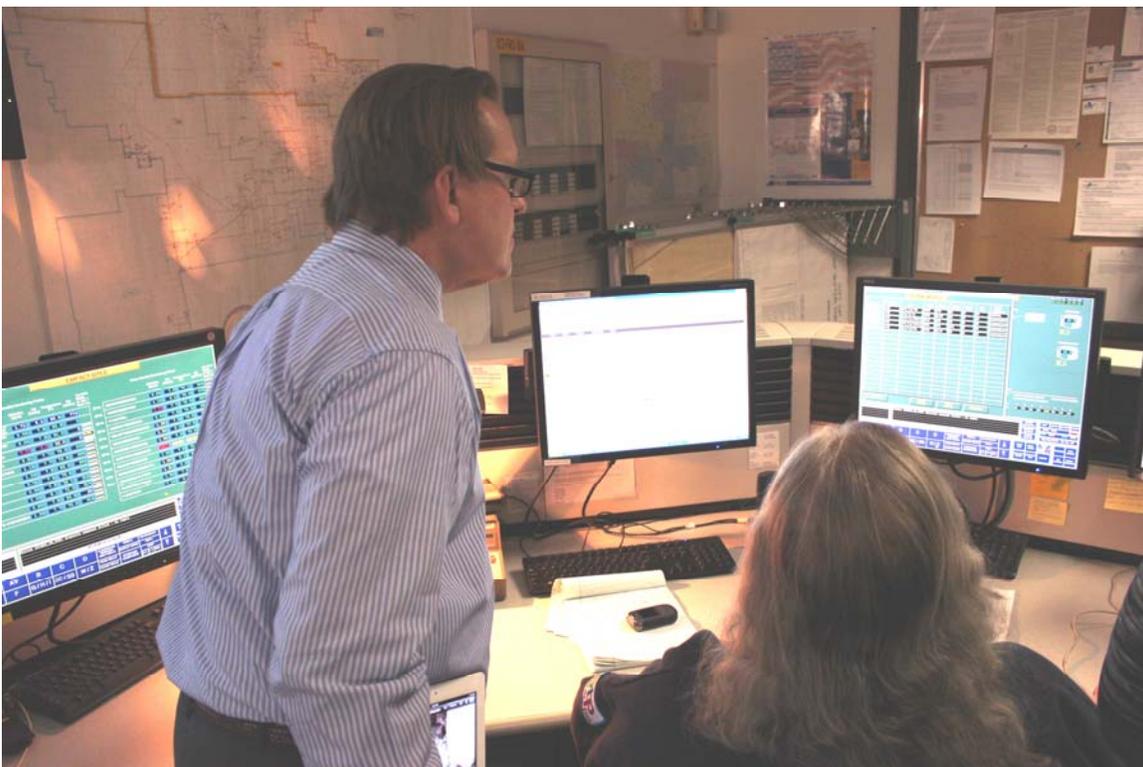


(above) IBM Team members visited the Tucson Water Hayden-Udall Facility which includes the Water Quality Laboratory and Central Control Section. The Central Control Section remotely monitors and operates approximately 95% of the Tucson Water distribution. The Supervisory Control and Data Acquisition (SCADA) system is used to monitor pumps, reservoirs, and recharge facilities from a centralized location. IBM Team Members will provide recommendations to Tucson Water on how to best implement an upgraded SCADA system, and to ensure that it communicates with an AMR/AMI metering system.

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(above) IBM Team Members Sridhar Iyengar and Satish Kalyani watch Water Operations Superintendent Albert Avila demonstrate features of the SCADA system currently in use by Tucson Water.



(above) IBM's Chet Karwatowski reviews the data capabilities of the existing SCADA system operated by Tucson Water.

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(above) IBM Team Members gather in front of the Tucson Water Hayden-Udall Facility. Team members from various IBM facilities throughout the United States were selected to support the Tucson Smarter Cities Challenge Project in Tucson and were amused at the signage in front of the Hayden-Udall facility (located in a desert area west of Tucson).

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