

Site Report: RKS+ Controller Hybrid 3D



SPECIFICATION

BUSINESS FIELD

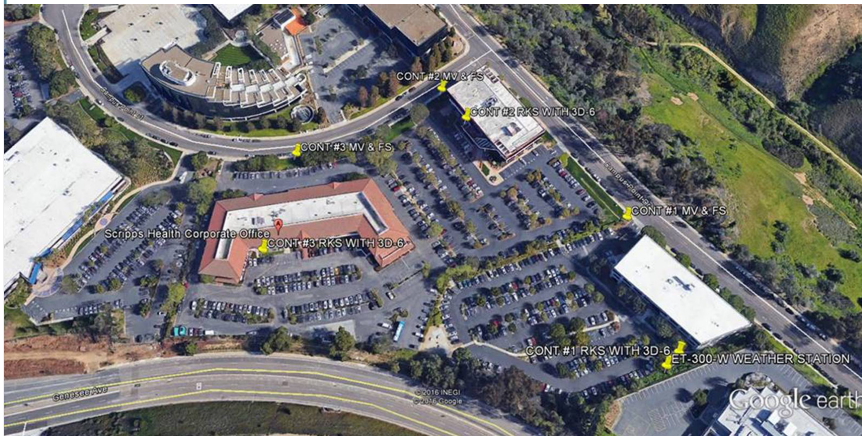
- LANDSCAPE & TURF
- GREENHOUSE, NURSERY & INDUSTRIAL
- AGRICULTURE
- GOLF



Tucor RKS+ Controller and Hybrid 3D Scripps Health Corporate Office, San Diego, CA

Challenge

The Scripps Health Corporate Headquarters project involved the retrofit of an older existing conventionally wired controller with a web based, soil moisture and weather driven controller. The new controller should be able to measure and manage water use and flow. The existing controller location was physically distant from the flow sensor and water source location. This situation would typically require the expensive installation of a dedicated flow sensor cable through the existing landscape.



"The combination of the Tucor RKS Controller and the Hybrid 3D made a tricky job much easier"

*-Larry Hall
Horizon
Distributors*

Answer

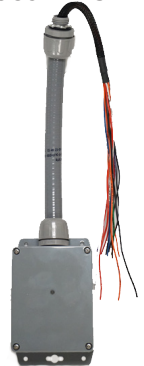
The 100 station, web based Tucor RKS+ Controller, was used alongside a Tucor Hybrid 3D to bring irrigation flow data back from a remote flow sensor over existing in-ground wires. This unique and innovative approach avoided the typically expensive rewiring, trenching, cutting/lateral boring under existing roads and sidewalks.

Results

The Tucor Hybrid 3D created a bridge and dynamic 2-Wire path over existing in ground wires to provide a stream of real-time flow data to the Tucor RKS controller. This bridge allowed the controller to monitor flow and activate the shutdown of the irrigation system if leaks are detected. The Tucor RKS controller was able to learn the flow rates of every station and then more efficiently schedule stations to run in the most efficient and optimal way. In addition, if new valve additions are ever required the Hybrid 3D allows for the installation of up to 23 brand new stations without running any new wires.



TUCOR RKS+



3D-6 Interface Box



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