



E-Squared Engineering
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Pennsylvania DOT 511 Deployment Project

Harrisburg, PA

Services Performed

*Stakeholder Outreach –
Webinars, Newsletters*

*Technology Training –
Classroom and Webinar*

Data Quality Mgmt

*System Testing and
Validation*

*Telephone Carrier
Coordination*

Key Staff Reference

*Richard Easley
Sharon Easley*

Client Contact

*Bob Pento, PE
Manager, Trav Info
Pennsylvania DOT
400 North Street
Harrisburg PA 17120
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Contract Award/ Performance Period

11/2008 - 11/2011

Type of Contract

Task Order



E-Squared Engineering assisted the Pennsylvania DOT with their efforts to create *511 Pennsylvania* - a scalable statewide travel information service which provides quality, timely, reliable and relevant traffic, weather and inter-modal information to users via website and telephone to reduce congestion, improve safety and increase mobility in Pennsylvania.

E-Squared Engineering assisted the prime contractor, Telvent, in the provision of services to design, build, implement, operate, host and maintain a statewide traveler information service entitled “*511 Pennsylvania*”.

Specifically, E-Squared Engineering played a key role in five areas of this project including 1) Stakeholder Outreach - which included developing and conducting webinars, creating newsletters, and managing stakeholder inquiries and comments, 2) 511 Technology Training – providing web based and on-site training of the tools to be used by PennDOT personnel to operate the 511 system, 3) Data Quality Monitoring - providing edits and review to the Data Quality Management Plan and conducting spot checks of the system to ensure the right information is delivered at the right time, 4) System Testing and Validation – performing various tests of the 511 system to identify any software errors either on the 511 website or within the 511 telephone interactive voice system, 5) Telephone Carrier Coordination – reaching out to over 200 Pennsylvania telephone service providers to educate them on the 511 system and obtain agreements for their participation in the statewide system.