

5.4.3

Fostering Collaboration and Coordination through an Innovative GIS Application

Presenter

Jeff Roberts, PMP
Director of Geospatial Services
JMT Technology Group
JRoberts@jmttg.com

Co-Presenter

The Delaware Department of Transportation partnered with the JMT Technology Group to develop the Planning and Development Coordination Application (PDCA), an innovative GIS-enabled web application built on the ArcGIS Server 10 Flex platform, to support their mission to preserve the safety and efficiency of the State's transportation network. Specifically, the PDCA facilitates DelDOT's collaborative, multi-step process for reviewing and approving proposed residential and commercial land development with respect to its impact on State maintained roadways. The introduction of the PDCA has improved the efficiency, accuracy, consistency and transparency of the Development Review process resulting in time and cost savings and an improved relationship between DelDOT and the State of Delaware's development community. This presentation will present the PDCA from a system development life-cycle perspective examining how unique and challenging requirements led to a modern and progressive GIS solution and will discuss the myriad of lessons learned along the way.