

Session 3.3.3 Integrating GIS and ERP: The Pennsylvania Turnpike Commission's Experience

Presenter

James E. Vitale
W.E.C. Engineers, Inc.
jvitale@wecengineers.com

Co-Presenter

The Pennsylvania Turnpike Commission (PTC) has embarked on an almost \$60 million project to implement an Enterprise Resource Planning suite. The PRIDE Project (PTC Readiness for an Integrated Decision-making Enterprise) scope is to "...provide a fully integrated system where Financial data, Toll Collection data, Materials Management data, Construction Management data, Asset Management data, Human Resource Management data, Customer Relations Management data, and Payroll Management data is used for enterprise-wide business decision making." The PTC has had the vision to include geospatial technologies as a primary means to synthesize and display that data. The Commission has selected mySAP 2005 as the ERP package and is utilizing ESRI's ArcGIS Server as the geospatial engine. The purposes of this presentation are to provide insight to the SAP and Geospatial Information System technologies employed, delineate the methods used to integrate these technologies and demonstrate the benefits of such enterprise-wide integration.