



## IT Project Profile

Please refer to IT Project Profile Instructions document for help  
 All free-form text areas expand as necessary.

<b>Project Name &amp; High Level Summary</b>		<b>FPC</b>
<i>Please provide the name of the project and a few descriptive sentences summarizing what the project will accomplish.</i>		
<p><b>Project Name:</b> Digital Design Environment Development: PDF Development, Incorporating the Use of Digital Signatures for Engineering Documents and Drawings and Development of a Customized Engineering Document Collaboration System using Adobe Acrobat and Bentley ProjectWise.</p> <p><b>Summary:</b> ConnDOT needs further development using PDF Technology, and the development of a Public Key Infrastructure (PKI) for the use of digital signatures to be used for PDF Engineering Documents and Drawings. The PKI is also expected to be developed for authenticated delivery of Engineering Documents and Drawings via the ProjectWise Web Client. Additionally, to achieve interoperability, customization of Bentley ProjectWise with Adobe Acrobat's Engineering Document Collaboration will be required.</p> <p><b>Agency:</b> ConnDOT</p> <p><b>Agency Division/Unit/Bureau:</b> ConnDOT/Engineering Applications/Bureau of Engineering and Hwy. Operations</p>		
<p><b>Status:</b>    <input type="checkbox"/> Future (3-5 Yrs.)    <input type="checkbox"/> Planned (1-3 Yrs.)    <input checked="" type="checkbox"/> Current Initiative</p>		
<p><b>Profile Submission Date:</b> 9/18/2006</p>		<p><b>Profile Type:</b> <input checked="" type="checkbox"/> New    <input type="checkbox"/> Amended</p>
<p><b>Agency Project Number:</b> N/A</p>		<p><b>DOIT Project Number:</b></p>
<p><b>Mission Critical Application:</b> <input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p>		
<b>Business Requirement</b>		<b>FPC</b>
<i>Identify and explain the business need(s) driving the project and how the project fits with the agency's overall strategic business objectives.</i>		
<p>Improved Production, Delivery, Security and Electronic Data Organization are required in the ConnDOT's Contract Development Process. Additionally, Gov. Rell's Executive Order #'3 is essentially driving ConnDOT to transition from a paper intensive workflow to an electronic workflow. A pure electronic workflow will need to incorporate the use of digital signatures.</p>		
<b>Benefit</b>		<b>FPC</b>
<i>Provide a sentence or two stating what benefits this project will deliver to the agency, its clients, and state citizens (e.g. personnel savings, improved efficiency, increased revenue, reallocation of resources, compliance with state or federal mandates, etc.)</i>		
<p>Improved efficiency, project delivery, and a significant reduction of printing costs. An electronic workflow using PDF Technology will also better prepare ConnDOT for providing PDF contract document on DAS's Contracting Portal, thus requirements of the Executive Order #3 can be fulfilled.</p>		
<b>Impact</b>		<b>FPC</b>
<i>Explain how this project will impact the agency's business, its clients, and state citizens.</i>		

ConnDOT's Engineering Office and hired Consultant Engineers will be immediately affected by the use of Digital Signatures. ConnDOT is interested in assuring that any PKI developed will be acceptable to the Attorney General's Office, DOIT, FHWA and Connecticut's PE Board. T

**Number of users affected?** 201 - 400

**List the state agencies impacted.** ConnDOT only at this point

**List and explain significance of any state/federal guidelines or mandates that are applicable.**

Connecticut Uniform Electronic Transformation Act

**User Access**

- Internet – Proposed SSL (via the ProjectWise Web Client)
- Intranet
- Extranet

**Level of Data/ Information Privacy**

- Public
- Sensitive
- Highly Sensitive

**Infrastructure**

- New
- Enhancement
- Replacement

What is being replaced?

**Applications**

- New
- Enhancement
- Replacement

What is being replaced?

**Project Sponsor/Business Owner**

**FPC**

**Name:** William Pratt

**Title:** Trans. Supervising Engineer

**Agency Department:** Engineering Applications

**E-Mail:** William.Pratt@po.state.ct.us

**Phone #:** 860-594-3320

**Fax #:** 860-594-3372

**IT Project Manager**

**FPC**

**Name:** Jose Romero

**Title:** IT Manager - Operations

**Department:** Office of Information Systems

**E-Mail:** Jose.Romero@po.state.ct.us

**Phone #:** 860-594-3590

**Fax #:** 860-594-3590

**Additional Agency Project Management**

**PC**

**Is there a project manager or team leader for the business portion of the project?**

- Yes (Please complete the next section)
- No

**Name:** Eric Bergeron

**Title:** Transportation Engineer III

**E-Mail:** Eric.Bergeron@po.state.ct.us

**Phone #:** 860-594-3152

**Fax #:** 860-594-3372

<b>Is there an overall project manager?</b> <input checked="" type="checkbox"/> Yes (Please complete the next section) <input type="checkbox"/> No	
<b>Name:</b> William Pratt  <b>Title:</b> Trans. Supervising Engineer	<b>E-Mail:</b> William.Pratt@po.state.ct.us  <b>Phone #:</b> 860-594-3320  <b>Fax #:</b> 860-594-3372
<b>Schedule</b> <span style="float: right;"><b>PC</b></span> <i>Please provide three estimated project dates (cannot be "ASAP"). The date format is restricted to MM/DD/YY.</i>	
<b>What is the estimated start date of this project?</b> 10/9/2006  <b>When does this project have to be completed?</b> 10/9/2008  <b>When do you anticipate technical involvement in the project?</b> 12/29/2006	
<b>IT Architecture</b> <span style="float: right;"><b>PC</b></span> <i>Please select the relevant domains.</i>	
<input checked="" type="checkbox"/> Application Development <input checked="" type="checkbox"/> Data Management & Data Warehouse <input type="checkbox"/> Middleware <input type="checkbox"/> Platform <input checked="" type="checkbox"/> Web/E-Government	<input checked="" type="checkbox"/> Collaboration – Directory Services <input type="checkbox"/> Enterprise Systems Management <input type="checkbox"/> Network <input checked="" type="checkbox"/> Security
<b>Service Directory</b> <span style="float: right;"><b>PC</b></span> <i>Please select all potential DOIT services that apply to this project.</i>	
<input checked="" type="checkbox"/> Application Development <input checked="" type="checkbox"/> Application Hosting <input checked="" type="checkbox"/> Application Maintenance & Support <input checked="" type="checkbox"/> Consulting <input checked="" type="checkbox"/> Database Services <input type="checkbox"/> Desktop Services <input type="checkbox"/> Ethernet Switch <input type="checkbox"/> Mainframe DB2 IBM <input type="checkbox"/> Mainframe IBM Batch <input type="checkbox"/> Mainframe IBM Host Services <input type="checkbox"/> Mainframe IBM Storage <input type="checkbox"/> Mainframe On-Line IBM	<input type="checkbox"/> Messaging Service <input checked="" type="checkbox"/> Procurement <input type="checkbox"/> Remote VPN <input type="checkbox"/> Storage Provider Service <input type="checkbox"/> Telecom Project Management <input type="checkbox"/> Terminal Services <input type="checkbox"/> WAN Connection Services <input type="checkbox"/> WAN MAC's <input checked="" type="checkbox"/> Web Hosting Services <input checked="" type="checkbox"/> Web Portal Hosting
<b>Procurement Expectations</b> <span style="float: right;"><b>PC</b></span> <i>Do you have expectations with regard to procurement?          If so, please indicate by making selections from the list.</i>	
<input checked="" type="checkbox"/> RFP <input type="checkbox"/> ITB <input type="checkbox"/> SOW <input type="checkbox"/> PSA	<input type="checkbox"/> Sole Source <input type="checkbox"/> Body Shop <input type="checkbox"/> Master Agreement <input type="checkbox"/> Hardware Procurement

**Has work been done on any of the above procurement expectations?**  Yes  No

**Has there been vendor involvement in this project to date?**  Yes  No

**If yes, provide vendor name:** Bentley Inc. (Currently on Master Agreement) has begun installation of ConnDOT's Project Data Management System (ProjectWise)

**Is there a proposed vendor solution?**  Yes  No

**If yes, provide vendor name:**

**What are the anticipated training needs associated with the project?** Consultant Engineers and In-House Engineers/Managers will have to be trained on the use of Digital Signatures. Additionally, In-House Engineers will also have to be trained on the use of PDF Technology and the use of Adobe Acrobat's Engineering Document Collaboration tools.

<b>Cost and Funding</b> <span style="float: right;"><b>PG</b></span>				
<i>Please complete the table, entering cost amounts, funding sources, and cost savings Amounts in Total row are calculated automatically.</i>				
<b>Cost Category</b>	<b>Costs FY 2007</b>	<b>Costs FY 2008</b>	<b>Costs FY 2009</b>	<b>Est. Annual On-Going Support Costs</b>
<b>Personnel</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>Consultant Services</b>	\$250,000.00	\$250,000.00	\$320,000.00	\$320,000.00
<b>Licenses</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>Maintenance</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>Training</b>	\$50,000.00	\$0.00	\$50,000.00	\$0.00
<b>Other Expenses</b>	\$0.00	\$0.00	\$0.00	\$0.00
<b>IT Equip. Purchases (incl. Telecom)</b>	\$50,000.00	\$0.00	\$50,000.00	\$0.00
<b>TOTALS</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Indicate All Funding Sources</b>	<input type="checkbox"/> General <input checked="" type="checkbox"/> Federal <input checked="" type="checkbox"/> Bond Funds <input type="checkbox"/> Other:  <input type="checkbox"/> Unfunded	<input type="checkbox"/> General <input checked="" type="checkbox"/> Federal <input checked="" type="checkbox"/> Bond Funds <input type="checkbox"/> Other:  <input type="checkbox"/> Unfunded	<input type="checkbox"/> General <input checked="" type="checkbox"/> Federal <input checked="" type="checkbox"/> Bond Funds <input type="checkbox"/> Other:  <input type="checkbox"/> Unfunded	<input type="checkbox"/> General <input checked="" type="checkbox"/> Federal <input checked="" type="checkbox"/> Bond Funds <input type="checkbox"/> Other:  <input type="checkbox"/> Unfunded
<b>Estimated Cost Savings</b>	\$0.00	\$0.00	\$6,000,000*	\$7,000,000*
<b>Profile Review</b> <span style="float: right;"><b>PG</b></span>				
<b>This section is not for completion by the Agency submitting the Profile.</b>				
<i>A review of the Project Profile and documentation of next steps to be taken will be conducted by the Department of Information Technology. The results will be shared with the Agency of record by that Agency's Liaison.</i>				
<b>Review by Chief Technology Officer</b> <span style="float: right;"><b>PG</b></span>				
<i>Signature in this area indicates the Profile has been received, and this office has reviewed the Profile and all next-step documentation. Depending on the scope of the project and next steps identified, submission of further project details may be warranted.</i>				
<b>Reviewed By: Original On Record at DOIT (CTO or Designee signature required)</b>			<b>Date:</b>	

### Notes

*This is a free-form section for use for a chronology, for additional information, next steps, milestones, etc. in the project profile timeline. Additional documents should be attached as needed.*

**\*It should be noted, the cost savings were determined in the scope of a Benefit/Cost Report developed by ConnDOT's Engineering Applications Section. The cost savings detail savings in Printing and Reproduction Costs, and benefits in regards to the improvements in project delivery (time savings). In order to equate a "time savings" with a cost, Engineering Application's assigned ballpark hourly rates and BFO's to the anticipated time savings for all of Engineering Application's Core Initiatives.**

Attachments:  Yes  No