



**US Army Corps  
of Engineers®**

# ENGINEERING AND CONSTRUCTION BULLETIN

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**Subject: Deployment of Bentley ProjectWise as the Corporate Tool for Virtual Design and Engineering Data Management**

**Applicability: Guidance**

1. The purpose of this document is to provide deployment guidance for the consistent implementation of Bentley ProjectWise in support of virtual design teams in USACE. ProjectWise was endorsed by the USACE National Management Board at their July 2005 meeting as the corporate tool for virtual design and engineering data management.
2. One of the primary objectives for USACE 2012 is to effectively and efficiently collaborate and share resources and work between organizations in support of mission goals. To accomplish this, USACE needs common tools and procedures. A virtual team, as defined by the Construction Industry Institute (CII), is “a group of people with complementary competencies executing simultaneous, collaborative work processes through electronic media without regard to geographic location.” Any District using virtual design teams shall implement ProjectWise in accordance with this guidance.
3. To provide consistent implementation throughout USACE a standard model for ProjectWise, referred to as the ProjectWise Collaboration Model (PCM), will be developed and deployed. The PCM will include attribute tables, data source settings, default user settings, naming conventions, custom applications, the access control model, and a template of allowable folders. To minimize impacts to existing ProjectWise implementation efforts, we will implement the PCM using a phased approach.
  - a. Phase 1. The initial release, PCM 1.0, is based on ProjectWise V8 2004 Edition and will be available for early adopters by 15 Sep 2006. The implementation guide will be released no later than 3 Nov 2006 and will be required for all projects initiated after 28 Feb 2007 using virtual design teams. Its use will also be required on all new or upgraded ProjectWise implementations after 28 Feb 2007, even if virtual design teams are not envisioned.
  - b. Phase 2. The second release, PCM 2.0, will be based on ProjectWise V8 XM Edition, and is scheduled for release fourth quarter FY 2007. In FY 2008, all USACE Districts using ProjectWise shall implement PCM 2.0 and ProjectWise V8 XM Edition.

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4. PCM releases, documentation, and a schedule of activities related to PCM development and future deployments can be found on the Technical Excellence Network (TEN) at <http://ten.usace.army.mil> by selecting the "ProjectWise" tab on the left side of the page. TEN will be updated with the PCM and related information as it evolves and additional components are developed.

5. Our ongoing Enterprise License Agreement (ELA) with Bentley provides software, training, and implementation support to facilitate the transition to ProjectWise. Details on the products and services available to USACE districts under the ELA are also available on TEN. The point of contact (POC) for the ELA is Mr. John Hood at the CADD/BIM Technology Center, 601-634-3138.

6. Adoption of a corporate strategy will allow virtual teams to efficiently and effectively contribute to our mission on future projects. The PCM addresses all of the major programs including Civil Works and Military Programs. PCM system hardware configurations are adaptable to local requirements and can be adopted as needs and affordability allows.

7. The POCs for this bulletin are Mr. Edward Huell, at the CADD/BIM Technology Center, 601-634-4485, and Mr. Robert Bank, HQUSACE, 202-761-4243.



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