

# ProjectWise and BS1192

Bentley Systems acknowledges the advantages of BS1192 by incorporating the standard within ProjectWise

You probably don't need me to tell you that the UK is considered one of the most expensive areas in Western Europe for delivering a construction project. Reports suggest that building costs are 10-100% higher than the equivalent in Europe, with things like high speed rail links 25% higher and major stations 50% higher - if we ever get the chance to build them that is.

The problem, described by Phil Jackson, Chair of ICE Information Systems Panel and a Bentley Senior Consultant, lay in uncontrolled collaboration, email chaos, the wastage from multiple distributed copies of documents, project twitter and similar. A veritable Tower of Babel in an industry still struggling to come to terms with the problems of collaboration.

All projects appeared to have the same problems. What file? What revision? What name to assign to a file, and so on. Everyone it seems wants to do things their own way. The aim must be to deliver a co-ordinated lifecycle BIM with a common set of collaboration instructions. The basis of this, he suggested, is BS1192, a common data environment, comprising a common language and a platform on which to build an effective collaboration environment, the implementation of which could provide savings of more than £200Bn, or 15% of construction costs per annum.

All of this was discussed at a recent conference in London, 'Driving Construction Industry Change Using BS1192'. A number of well known speakers discussed the importance of the standard to the UK construction industry, including Mervyn Richards, MD of MR1 Consulting, who spoke about the goals of BS1192, its relevance to BIM and its applicability to all sections of the industry.

Andrew Wolstenholme of Balfour Beatty spoke about the effect of BS1192 on competitiveness, efficiency and construction risk, followed by Malcolm Taylor of Crossrail, who explained how the standard was being adopted for that mammoth project. Mark Bew, Director of Business Information Systems at Scott-Wilson spoke about the UK Government's take on BS1192, and how to use it to gain a competitive edge.

## A PROJECTWISE BS1192 TEMPLATE

Time was given over at the end of the conference to the latest initiative from Bentley (this was, after all, a Bentley sponsored event). Recognising the value of BS1192's ability to deliver a structured collaboration solution, Bentley is introducing a BS1192 template to ProjectWise, Bentley's team collaboration and work sharing platform.

ProjectWise is already widely recognised and well proven as a scaleable integrated management tool for the industry. Adding BS1192 conformance to the PW central datasource provides the 'single source of truth' system that the industry needs, and automates standard workflows for WIP and SHARE model creation and co-ordination. It also adds a BIS compliant File naming Structure; managed workspaces with automatic standard checking. A complete solution, in effect, for managing Design and Build.

ProjectWise for BS1192 comes complete with ProjectWise V8i, an SQL Server and ProjectWise Integration Server. It runs using a Document Actions Manager - a configurable workflow engine with full text editing capabilities and a thumbnail extractor. It also includes a Reference File manager that ensures that all files are maintained at correct revision levels, refs are correctly attached

and relationships maintained for both current and previous versions of files.

To ease users into the use of BS1192 it includes an advanced document creation Wizard for creating project folders, which include 2D and 3D model information, correspondence, and all model revision data. It also provides an automated function for creating filenames that conform to BS1192's classifications and for developing configurable workflows. Further assistance is provided with administration and customisation training, explaining how ProjectWise customers can manage the BS1192 process.

Stephen Jolley, Director of Construction Project Management at Bentley, put it succinctly a year or so ago. 'The industry has struggled with information management on infrastructure projects for a long time now - understood and well documented in the past. Organisations are addressing the challenge, and whilst some are well managed others work on the lowest common denominator, the sharing of electronic paper, often called collaboration. This has helped but is not the answer. A framework is needed that enables the industry to share data, understood by all, that follows basic principles of data creation, sharing, publishing and recording, providing a trusted environment were data cannot be misused or corrupted.

ProjectWise can enable this but needs that framework for users to operate in, with the object of stopping the 'my way' approach to project information management. It is a standard that defines the methodology of how to create a common data environment that supports technical data, together with the supporting processes and naming conventions that make true coordination and collaboration work'.

ProjectWise BS1192 from Bentley now provides that Framework.

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