

# *The* Data-Rich PDF

Insights into a Powerful File Format Set to Create New Standards



# What is a PDF?

Most people think it's just digital paper. That's far from the truth.

PDFs are data-rich containers for information that are easy to share, access, search and edit. For the design and construction industry, PDF can be a money-saving, efficiency-boosting file format that lends itself to collaboration and communication. In the US and Sweden, for example, the construction industry is already harnessing the power of PDF, with fantastic results.

# Setting new standards

In the US, the **Construction Progress Coalition** (CPC), a grassroots organisation of designers, contractors, owners and technologists, has authored [a set of standards](#) for design and construction documents.

The guidelines cover everything from naming conventions to use of metadata and markup colours, and encourage the use of data-rich 2D and 3D PDFs.

In Sweden, five of the country's top construction companies – Skanska, Peab, NCC, Veidekke and JM – used the CPC's recommendations as guidance for the construction industry and adapted them to fit their local needs. Now, the industry in Sweden is charging ahead with their own [set of guidelines](#) for the entire country – a development that will make it easier than ever to work with project partners and subcontractors. In addition, having everybody use the same tools and markups in the drawing plans helps reduce the chances for misunderstanding, thereby minimising the risk of costly rework.

The PDF guidelines allow for:

- High-quality digital construction documents and document lists
- Minimisation of manual handling of documents for review
- Standardised markup tools for all construction companies
- Clear communication of project status throughout the review process

# How to get the most out of PDF

When used with Bluebeam® Revu®, the industry's preferred method of PDF markup and collaboration, files can be shared with collaborators across the world. While maintaining a clear and secure chain of custody and control over commenting and editing capabilities.

Over 1.3 million design and construction professionals use Revu as their standard project efficiency and collaboration solution for everything from design reviews at project onset to handover to the client at project completion.

In a world where BIM is no longer a luxury but a necessity, a smart PDF is a good place to start. These PDFs can contain complex model data that can be shared with everyone on the project, using a universal file format. This means project partners won't need expensive, specialised software to view BIM data in the field. Revu has the tools you need to maximise your data.

Here are just some of the ways **Revu** **maximises your productivity** and project predictability while minimising risk, ultimately enabling projects to be delivered on time and under budget.



## **Key Capabilities in Revu**

### **Markups List**

All your markups appear in an integrated, customisable list for easy tracking and simple creation of PDF, CSV or XML reports.

### **Custom markups**

Mark up 2D and 3D PDFs with customisable markup tools, such as text, clouds, callouts, CAD symbols, images, stamps and more.

### **Automatic form creation**

Simplify PDF form creation from scanned or digital documents that automatically detect fields such as signatures, dates and checkboxes.

### **Bluebeam Studio**

Enabling document management and real-time collaboration so partners worldwide can instantly connect on the same set of documents.

### **Document comparison**

Automatically highlight and identify the revision differences between drawings with easy-to-see clouds.

### **PDF Templates**

Create PDF templates of common documents such as cover sheets and RFIs or use one of the preloaded templates in Revu.

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