

CAD and BIM Integration

Being able to effectively and fully utilise a CAD application is a key part of the design process for many companies and organisations. With Building Information Modelling (BIM) it is the 'information' as well as the graphics that is important.



We understand that sharing CAD libraries, drawings, details and models can be difficult, especially when the project team is working in disparate locations. As with information held in a BIM system, there is always the danger of inconsistencies - but not when utilising the ICON System.



As Autodesk Registered Developers, we've been able to integrate AutoCAD, Revit and 3ds Max with the ICON System.

The system's web-based CAD Library, specification and document management solutions means it's easy to share information, ensuring there is only one master set information.

CAD Drafting

Utilising Autodesk's i-drop® technology, users can drag and drop equipment and layouts directly into AutoCAD, Revit or a 3ds Max model.

Hyperlinks link back to the corresponding equipment specification in the ICON System allowing users to access details such as photographs, costs, specifications, suppliers, etc..

With Revit, the specification information held in the ICON System can be linked into the Revit project for scheduling and reporting.

Fully compatible with ICON's Project Collaboration solution, additional functionality includes:

- Customisation to assign information such as department names, area allocations and commodity assignments
- Shelving profile specification (planograms)
- Automated gondola bay and run numbering
- Work with standard layers, text sizes, dimension styles, and title sheets.
- Full version history

Equipment Scheduling

We provide integrated AutoCAD scheduling:

- Automatically schedule from AutoCAD to Excel or back to the ICON System
- Create project specific cost schedules and directly compare to the specification 'ideal'.

System Requirements

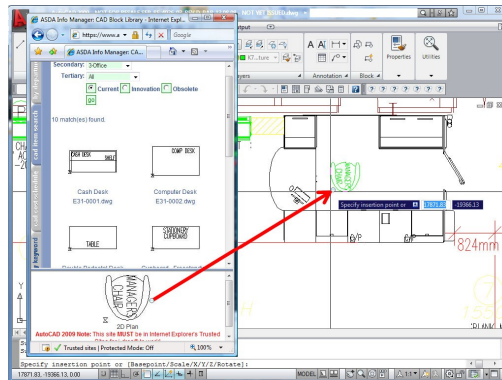
ICON's CAD integration solution is compatible with all versions of AutoCAD from 2000i to 2011. All versions of Revit and 3ds Max are supported. AutoCAD LT is supported, but with limited functionality. Note: i-drop® functionality requires Internet Explorer.

“ Using ICON's CAD scheduling functionality you can match a list of equipment found in a CAD model with items on the website, thereby checking a proposed layout against the brief for quantities and costs. ”

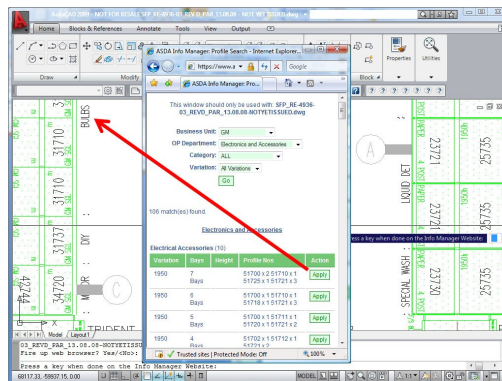
Alison Thompson-O'Connor, ICON

ICON's BIM and CAD Integration solution is one of a number of products to help those involved in Business Process Management, Specification Management, Property and Project Management.

For more information on the ICON System and its unique complementary support service, please telephone 01858 468345 or visit www.iconsystem.co.uk



Drag and drop straight into AutoCAD, Revit Architecture or 3ds Max.

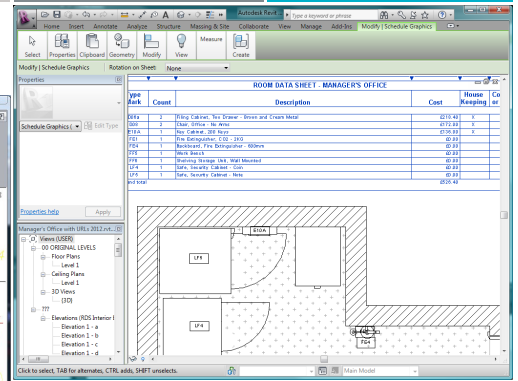


Apply shelving profiles and commodities.

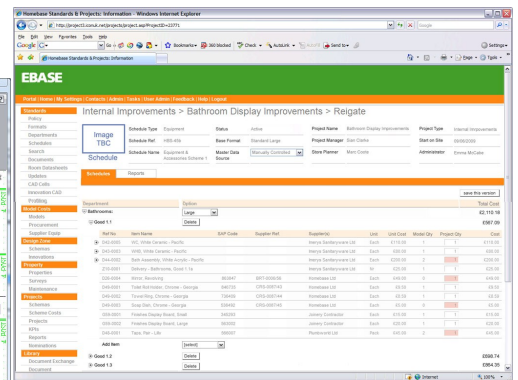
CAD Library Creation:

When creating or importing an existing library into the ICON System, ICON can help you agree and introduce industry recognised CAD drafting standards such as:

- Rationalising block names and layers
- Setting consistent text and dim styles
- Rationalising block insertion points & rotation angles
- Purging unneeded information
- Adding hyperlinks to equipment specifications
- Automating the process of updating existing drawings with the new library and standards
- Easily build-up 'ideal' room, department or complete property layouts.



Update a Revit project with accurate information from the ICON Design Standards solution.



Schedule from CAD to a corresponding web-based specification.

“ When importing an existing library into the ICON System, ICON will help you agree and introduce industry recognised CAD drafting standards. ”

Chris Lovelock, ICON

Request a demonstration:

If you would like to know more, please call us on the number below and we will arrange to give you a demonstration.

ICON • Information working for you

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