



What is BIMXchange Content Management Solution for MEP Engineering firms?

BIMXchange CMS (Content Management Solution) is an intelligent, lightweight Web application which runs directly within Revit. It utilizes the CADworks Cloud to store, search, and deliver Revit content. Users are able to exchange different libraries of Revit content, such as CADworks, Manufacturer, Generic, or Custom Libraries.

Advantages of the BIMXchange CMS

Navigation of BIMXchange CMS, including the tree view, is intended to facilitate an engineer's task by mirroring existing manufacturers' categories and organization. Renderings of each product enhance the browser layout by providing a visual preview of the content. To tie it all together, the package includes a custom branded web page that contains the latest browser download, help, links, and news.

Finding and locating content quickly and efficiently is crucial to the success of usage within a project. Users gain the ability to search the content libraries in each view. These advanced features allow any user to search for values in all parameters of each piece of content. Additionally, all content that is created for any manufacturer library is also included in the CADworks library. In the future, BIMXchange CMS will facilitate revision tracking, updates, and new content distribution. Further, it would allow a user to check all content in his/her current project against the latest content in BIMXchange CMS.

As content is loaded directly into a project from the CADworks Cloud, the need for a company to manage or backup extensive content libraries is eliminated. The browser also allows a user to load only the types of each Revit Family that he/she plans to use in the current project. By using only the necessary types, a Revit project file size is minimized, providing increased productivity.

The CADworks Content Browser allows the user to access multiple content libraries. Currently, there are five different types of libraries: CADworks General, CADworks Generic, Manufacturer specific, Discipline specific, and Custom (i.e. your company). The CADworks library is a 'per seat' license that includes the entire collection of all content created by CADworks and is updated periodically. Manufacturer libraries are specific to projects awarded to CADworks by the manufacturer and contain fully certified content specific to that manufacturer. Discipline specific libraries are just that – libraries that contain only Mechanical, Electrical, or Plumbing/Fire Protection content. Finally, an MEP firm can opt to create Custom libraries that may feature an entire client library, discipline specific breakouts, project specific content, or any variation thereof. Once authenticated, a user can easily navigate between different libraries via a drop-down selection.

For a service fee, CADworks will index an engineering firm's Revit content per that firm's preferences and workflow demands. This internal library would only be accessible to the engineering firm and would not be shared (unless requested). This functionality builds on and enhances the benefits that engineers receive with BIMXchange CMS, yet addresses specific customization which a firm may require. The BIM manager can then manage which content is accessible to users without concern of distribution to his/her office (or offices).

As the product evolves (such as module enhancements, content additions, or content updates), users will benefit in real-time.



The BIMXchange CMS Subscription

BIMXchange CMS Subscription includes:

BIMXchange CMS, along with access to a portal for uploading your company's content. After upload, the content will be indexed; subsequently, your company's libraries will be updated in real-time. Available CADworks libraries are updated often and transparently to your users.

Web-based Libraries

One (1) your company's Mechanical Content Library indexed and hosted by CADworks
One (1) your company's Electrical Content Library indexed and hosted by CADworks
One (1) your company's Plumbing/Fire Protection Content Library indexed and hosted by CADworks
CADworks Discipline Specific Libraries
CADworks Generic Libraries (Imperial & Metric)
CADworks Manufacturer Specific Libraries

Software Upgrades

For the term of your subscription contract, you are entitled to receive all software releases and updates at no additional charge for products on subscription.

Web Support

With Web support you get direct, one-to-one communication with CADworks support technicians for answers to your installation, configuration, and troubleshooting questions. Web and email communications deliver support straight to your desktop for one primary contact and one alternate contact.

Web Learning

Your subscription contract includes a live, Web-based learning session which will help users get the most from your investment.

Reduced Custom Content Creation Rate

Receive 20% off all custom content orders.



BIMXchange CMS Manufacturer List

There are over 20,000 family types from over 100 manufacturers in the CADworks Manufacturer Specific & Generic Libraries
(go to <http://demo.mepcontent.com> for latest libraries & content)

A. O. Smith	Erickson	Metraflex
AAON	ES System	NIBCO
ABB	Evapco	Oasis
A-C Fire Pump Systems	Exitronix	Peerless
Aerco	Focal Point	PennBarry
Air Enterprises	Foscarini	Pinnacle Architectural Lighting
American Specialties, INC.	Gammalux	Potter Electric Signal Company
American Standard	GE Security	Praxair
Applied Air	George Nelson	Price
Armstrong	Gerber	QMark
ASCO	Gotham	RBI
Baltimore Aircoil Company	Greenheck	Reznor
BEGA	Guardian Fire Equipment	Rittling
Belfer Lighting	H.E. Williams	RO UltraTec
Bell and Gossett	Hellenbrand	SEDAP
Birchwood Lighting	Henny Penny	Siemens
Bradford White	Hubbell	Sierra
Bradley	Hussmann	Smith Boiler
Brady	Hydromatic	Square D
Brasch Manufacturing Company Inc	HydroTherm	Sterling
Brizo	IEC	Stonco
Broan	Indeco	Studio Italia Design
Captive Aire	Infratech	Temprite Industries
Carrier	Knox Company	The Marco Company
Cisco	Krueger	Titus
ClimateMaster	Kurt Versen	Toto
Controlled Power Company	Lakos	TPI Corporation
Cooper B-Line	Lampa	Trane
Cooper Lighting	Liebert	Tuttle & Bailey
Cornell Communications Inc	Lightolier	USA Lighting
Crest Electronics Inc.	Litecontrol	Viking
Cummins	Lithonia Lighting	Waterless Company
Cutler Hammer	LJ Wing	WE-EF Lighting
Design With Reach	Loren Cook Company	Winona Lighting
Dynasonics	Louis Poulsen	York
Edwards Signaling & Security Systems	Lucifer Lighting	Zumtobel
Elkay	Lutron Electronics	Zum
Elliptipar	Markel Products Company	



BIMXchange CMS Frequently Asked Questions

What is the average family size in the CADworks library?

File size of a Revit family is dependent upon the complexity of the product and the amount of pertinent information included. The average family size in the CADworks library is 500Kb; however, there are a limited number of complex models which exceed the average. CADworks models conform to Autodesk standards regarding maximum file sizes.

What management is associated with BIMXchange CMS?

There is no management on the user end of BIMXchange CMS. As content is indexed, users see the updated library automatically, whether you exchange CADworks content or your own utilizing the CADworks company content indexing service option.

How secure is CADworks BIMXchange?

CADworks BIMXchange is protected by a dual-layer firewall system, active port monitoring, intelligent routing, and corporate anti-virus software. Application authentication is handled manually on a "per library" basis at the IIS server, and traffic between the web-server and DB server is encrypted. Our hosting has a 100% guarantee covering Network and Premise infrastructure and our Hardware, ensuring a maximum downtime of one hour at any given point. Uptime is 99.99% with five replicated data centers around the United States.

Is BIMXchange CMS 64-bit compatible?

Yes, BIMXchange CMS will run in 32 or 64-bit environments. It is compatible with XP, Vista and Windows 7 environments.

Is BIMXchange CMS compatible with Revit 2010 and 2011?

Yes, the module currently works in both environments.

How does CADworks handle Content revisioning?

The libraries are constantly updated, so you have access only to the latest available content. Furthermore, currently we have in development a versioning tool which, when complete, will inform users that a newer version of previously downloaded content is available from the library.

How much content on average is added to the CADworks library?

Typically one to two manufacturer projects are completed each month. The quantity of models included varies depending on the production schedule and complexity of the models created. The news section of the CADworks website is a good source of information regarding projects in progress and when they are completed.

How does licensing work?

A seat of BIMXchange CMS is required at every Revit MEP seat. This is an annual subscription after the initial buy-in and one (1) year maintenance.

Are pipe fittings contained in CADworks library?

Not at this time. There is a separate Revit Piping Productivity Pack that has 15 different pipe types and hundreds of manufacturer specific pipe fittings. Due to the unique aspects of a lookup table, the functionality of loading fittings directly into a project is not comparable to the standard models within the CADworks library.

Is BIMXchange CMS compatible with Revit Architecture and Revit Structure?

Yes, BIMXchange CMS is compatible with both the 2010 and 2011 versions all Revit software.