

## What's New in ARCHIBUS/FM 16

ARCHIBUS/FM V16 is a significant release from all perspectives. The look, feel, and usability of the Windows product have all been significantly enhanced.

- **Integrated, Web-accessible documentation.** All ARCHIBUS/FM documentation is now online, organized in a single table-of-contents, and searchable from a single dialog. The documentation is in an HTML format that is accessible either from Windows or from the Web.
- **New Learning Path.** The Learning Path is now role-based and integrated directly into the help system. Based on your role -- Express user, Web User, CAD Specialist, Facility Information Manager, System Manager, etc. -- you can identify those sections of the documentation that are relevant to your own job and jump directly to them.

This new focus to the material gets you started quicker, reduces staff training, and protects your organization from staff turnover.

- **New “Getting Results” section.** The Getting Results section of the documentation presents ARCHIBUS/FM from the standpoint of the business results you wish to achieve. Within each domain, the documentation lists the distinct business activities that sites often choose to automate. For instance, Real Property & Lease Management: Lease Options and Responsibilities, Cost Chargeback and Receivables, and Property Tax management. The Space Management domain lists functions such as Space Inventory, Space Chargeback, Personnel Inventory and Occupancy, or shared-workspace Hotelling.

Once you have selected an activity, the documentation lists prerequisites, results, and organizational titles with a stake in the results. The associated Process Navigator documentation discusses which tools -- Web, Windows, or CAD -- you need to achieve those goals and presents instructions on how to do so.

Facility and infrastructure automation is a very broad discipline; however, the Getting Results material brings it right down to definable, achievable results with a built-in action plan for deployment.

- **Process Navigators.** In this version, a full set of Process Navigators have replaced the Process Toolbars. Like the Process Toolbars, Process Navigators provide directed, step-by-step guidance to achieving specific results. However the Process Navigators go further in many key respects. They obey role and task security, so that each staff member sees only the processes and tasks relevant to their role in the mission. They span Windows, CAD, and the Web so that you can coordinate effort from multiple users working in different environments. They can be easily modified or extended using the spread-sheet style grid interface. And they are integrated with the results-oriented blueprints for success laid out in the “Getting Results” section.

Process Navigators speed learning in each role, provide a directed set of “crib notes” to remind users how to execute each process, and help document and enforce your own organization’s procedures and standards.

- **Activity-based deployment.** Taken together, the new organization and features of ARCHIBUS/FM let you draw on Web, Windows, and CAD technologies as needed to achieve specific business objectives. More importantly, they let you communicate to each staff member or stakeholder the tasks involved in automating this business function and the benefits they will derive. Whether you are working with real estate brokers, lease administrators, maintenance craftspersons or supervisors, space planners, CAD specialists, or department heads needing self-serve information -- you can coordinate everyone's collaborative effort, flow information, and provide pertinent reports and results.

With activity-based deployment, you can get clear definition and broad-based consensus on what the key automation priorities in your organization are, detail responsibilities, and identify resources, and set specific timeframes. Even if you have a broad range of automation goals, you can achieve them activity-by-activity, step-by-step, with each new function building on the data, skills, and success of the previous deployment.

- **Microsoft SQL Server Express support.** This version includes support for SQL Server Express, a no-fee server that is included on the CD. SQL Server Express is a version of the full Microsoft SQL Server product appropriate for small workgroups.

## What's New in ARCHIBUS/FM Web Central v16

**Dynamic restriction highlighting.** Previous versions used a layer system to provide restriction highlighting of drawings within DWF files. This version uses a dynamic highlighting methodology that uses published objects and meta-data within the DWF files to perform dynamic highlighting of vacant rooms, rooms with work orders, equipment of specific types, etc.

The benefit is that it is much easier for you to keep your data up-to-date. Data changes are reflected immediately on your drawings. You need only republish DWF files when there is an actual graphic change. And should there be a graphic change, you can use the Overlay's Save and Publish command to update the DWF version automatically.

- **Dynamic thematic highlighting and legends.** Previous versions required a static pre-publishing of all thematic highlights -- such as suites rendered by their lease, rooms by their departments, etc. This version performs the highlighting dynamically using the same colors specified in HPattern Acad field for hatching in the Overlay and the DWG Editor.
- **Easier Selections.** Previously you had to select the edge of a room, group, suite, floor, or building in FM Web Central to select the item. Now you can select anywhere inside the item.
- **Clearer Block Highlights.** Highlights on blocks such as equipment, jacks, faceplates, etc, have been enlarged so that even small objects can be dynamically highlighted very visibly.

## What's New in ARCHIBUS/FM for Windows v16

- **CAFM Interoperability.** This version introduces a wide-range of features for interacting with your data and the Overlay for AutoCAD or the DWG Editor. For instance, double-clicking a room in the grid will find the drawing that contains that room, load the drawing in AutoCAD, and highlight the room. The Restrict to Current Drawing view actions restrict the grid to just the records that pertain to the currently active drawing. Conversely, the Restrict ARCHIBUS/FM View by Selection command in the Overlay will restrict the grid to just those items picked inside AutoCAD. Whether you are choosing items alphanumerically or spatially, you can quickly find exactly what you need.

Data is likewise interoperable. Renumbering a room in the ARCHIBUS/FM grid first cascades the change to dependent tables in the database, then updates the room asset in AutoCAD. Changes to asset text fields in the grid also update the displayed text in the drawing. Deleting a room uncatalogs the asset in the AutoCAD drawing.

With these new features, you can use the power of both the ARCHIBUS/FM and AutoCAD environments in tandem to increase the productivity of your CAD specialists.

- **DWG Editor.** In addition to the ARCHIBUS/FM Overlay for AutoCAD or Architectural Desktop, this version includes an option for “AutoCAD OEM for ARCHIBUS/FM” or the “DWG Editor” for short. The DWG Editor is a version of AutoCAD specifically tailored for facility and infrastructure management with the ARCHIBUS/FM Overlay functionality built right in.

The DWG Editor includes the basic polylining, editing, modification, viewing, and printing features of AutoCAD, and makes use of your existing skills with object snap modes, grip editing, and the command line. While full-time draftspersons will prefer to have the 3d, rendering, dimensioning, and AutoLISP features of the full AutoCAD package available; many users within the organization will find the diagramming and facility redlining features available in the DWG Editor an easy-to-use, cost-effective way of adding and editing graphic data that is part of your facility information store.

- **DWG Viewer.** ARCHIBUS/FM report windows now includes an option for “ARCHIBUS/FM for AutoCAD OEM Viewer” or the “DWG Viewer” for short. This component embeds the viewing features of AutoCAD for fast, high-fidelity display of your drawings. With this component, ARCHIBUS/FM can provide fully compatible hatch, gradient, and solid fills in restriction queries and dynamic queries. With this component ARCHIBUS/FM can also provide query text using AutoCAD text and MText entities to allow you to better control your output. You will also find that large drawings display more rapidly and scroll more smoothly.
- **DWF Publishing.** ARCHIBUS/FM Overlay and the DWG Editor have new features for generating Drawing Web Format (DWF) files. The CAD Specialists' Process Navigators all have “one click” tasks for generating DWFs appropriate for each activity. The Save and Publish command automatically performs DWF

publishing in the background while you keep working so your DWF files never get out-of-synch.

The publishing features publish DWF files with the appropriate meta-data for use in either ARCHIBUS/FM for Windows or ARCHIBUS/FM for the Web. The benefit is that you can support all collaborative users outside of the CRE/FM department with a single set of graphic DWF files -- regardless of whether these users are WAN or LAN users using the ARCHIBUS/FM Windows product or Web users using FM Web Central.

- **DWF Viewer support.** ARCHIBUS/FM report windows can use either the DWG Viewer, which reads the DWG files directly, or the DWF Viewer, a no-fee viewer that uses DWF files. When using DWF files, the ARCHIBUS/FM report windows respond to live database data to perform dynamic restriction highlighting and thematic highlighting with DWF files much as it does with DWG files.

The benefit is that you can have a large number of workstations capable of using reports with intelligent drawings -- either on Windows or on the Web -- using a no-fee control.

- **Other Improvements.** This version of ARCHIBUS/FM for Windows also contains countless other improvements -- from better cut-and-paste behavior to the ability to use the thumb-wheel in the grid.