



What's New in AutoPLANT V8i (SELECTseries 2)

- **AutoCAD® 2010 (32 bit) & RealDWG 2010 support**

AutoPLANT V8i (SELECTseries 2) now supports the latest 32 bit version of AutoCAD 2010 as well as the Autodesk RealDWG 2010 libraries to enable native DWG creation with 100 percent DWG read/write capability.

- **AutoCAD 2011 (32 bit) support**

AutoPLANT V8i (SELECTseries 2) also supports the latest 32 bit version of AutoCAD 2011

- **AutoCAD® Architecture 2009 & 2010 (32 bit) support**

AutoPLANT Plant Design Workgroup V8i (SELECTseries 2) has been certified to run with AutoCAD Architecture 2009 (32 bit) and AutoCAD Architecture 2010 (32 bit).

- **AutoCAD® MEP 2009 & 2010 (32 bit) support**

AutoPLANT Plant Design Workgroup V8i (SELECTseries 2) has been certified to run with AutoCAD MEP 2009 (32 bit) and AutoCAD MEP 2010 (32 bit). ProjectWise V8i (SELECTseries 1) support

- **ProjectWise V8i (SELECTseries 1) support**

AutoPLANT V8i (SELECTseries 2) can work in a fully integrated, managed environment with the latest version of Bentley ProjectWise V8i, (SELECTseries 1).

- **ProjectWise i-model Composer V8i (SELECTseries 1) support**

Bentley i-model is a container for open infrastructure information exchange and enables bi-directional feedback in dynamic workflows. An i-model can be information-rich, reliable, and optimized for purpose. A key differentiator of i-models is "provenance," knowledge of its origin and evolution – essentially this is an i-model's change history.

- **Bentley View V8i (SELECTseries 1) support**

Bentley View V8i (SELECTseries 1) is certified for use with AutoPLANT V8i (SELECTseries 2).

Both Bentley View V8i (SELECTseries 1) and AutoPLANT PDW V8i (SELECTseries 2) now leverage the RealDWG libraries from Autodesk to enable 100% DWG read/write compatibility.

- **Bentley ProStructures (ProSteel) V8i (SELECTseries 2) support**

AutoPLANT PDW V8i (SELECTseries 2) has been certified against the latest version of Bentley ProSteel that is bundled up in the Bentley ProStructures V8i (SELECTseries 2) release.

- **Windows Vista® (32 bit) support including Standard User with User Access Control enabled**

AutoPLANT V8i (SELECTseries 2) now supports Windows Vista (32 bit) Standard Users with User Access Control enabled. User Account Control (UAC) notifies users before changes are made to their computer that requires administrator-level permission. The default UAC setting notifies you when programs try to make changes to your computer and can be enabled when used with AutoPLANT.

- **Windows 7® (32 bit) support including Standard User with User Access Control enabled**

AutoPLANT V8i (SELECTseries 2) now supports Windows 7 (32 bit). This support also includes Standard Users with User Access Control enabled as described in the Windows Vista section above.

- **Microsoft® SQL Server® 2008 support**

AutoPLANT V8i (SELECTseries 2) will work with project databases created using Microsoft SQL Server 2008. To enable ProjectWise integration, SQL Server 2008 Enterprise edition must be deployed along with the Service Pack 1 available from Microsoft.

- **ORACLE® 11g (v11.1.0.7) support**

AutoPLANT Plant Design Workgroup V8i (SELECTseries 2) will work with project databases created using ORACLE 11g (v11.1.0.7).

- **Complete XLSX file format support**

Microsoft® Excel 2007 xlsx file format is now fully certified for all applications that manage Excel files. These include; Datasheets, Hook Ups, Bulk Datasheet Builder, Import/Export etc.

- **Automatic Project.mdb compression**

AutoPLANT V8i (SELECTseries 2) will now automatically compress the file Project.mdb once the size of this file grows above specified limits.

It has been reported that Project.mdb can grow to be several hundred megabytes in size and impact start up time of applications such as Data Manager, I&W and Vision.

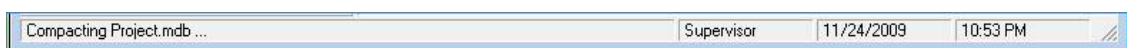
A new project variable has been added to the General section of the BASE project Project.ini file called CompactProjectMdbValue.

The default value for CompactProjectMdbValue is 20mb and this can be increased if needed.

The automatic compact of Project.mdb is initiated when a user accessing a project closes Data Manager, I&W or Vision and the file size exceeds 20mb in size.

Automatic compression of Project.mdb will not occur if the CompactProjectMdbValue field is missing from Project.ini, or has a value of 0.

When the automatic compression starts, a message will be displayed in the application Status bar as below.



- **Enhancements to Tag Number deletion via Data Manager**

A project tag number can no longer be deleted via AutoPLANT Data Manager V8i (SELECTseries 2) if it is inserted on an AutoPLANT P&ID, or exists within an AutoPLANT 3D model.

The tag number must be removed from the P&ID or 3D model before it can be deleted via Data Manager.

If the P&ID project variable DeleteTagNumbers is set to no and a tag number is deleted from a P&ID, the action of deleting that tag via Data Manager will prompt the user to confirm that he or she wants to remove a tag number with a status of DEL.

This is to prevent accidental deletion of a tag number via Data Manager that has been temporarily removed from a P&ID, for example when moving a tag from one P&ID to another P&ID.

- **Create & Copy AutoPLANT projects via ProjectWise Explorer**

Users now have the ability to create AutoPLANT projects from scratch - or to copy existing AutoPLANT projects – directly within the ProjectWise explorer interface. This gives users the option to create ProjectWise enabled AutoPLANT projects from Project Administrator or ProjectWise Explorer.

- **Support for copper tube solder joints**

Users can now create tube to tube joints that have soldered lap joints instead of brazed or welded joints.

- **Auto-fit support for wyes and crosses**

In previous versions of AutoPLANT PDW, Wyes and Crosses did not recognize the centerline and therefore the auto-fit function did not work properly for these components. Users can now place these components on the centerline and the auto-fit command work correctly for Laterals, Wyes and Crosses.

- **Drawing Flattener Enhancements**

Roll-up of multiple Drawing Flattener enhancements

- **Isogen v9.3 support**

AutoPLANT Plant Design Workgroup V8i (SELECTseries 2) now ships with Personal Isogen v9.3.

- **Mixed I/O Cards**

Users can now create I/O cards that will control different input and output signal types. For example Analog Input and Analog Output channels on the same I/O card.

- **I/O Card Channel Numbering starting from Zero**

Users can now create I/O card channels numbered from Zero. Controls for number of leading zeros for channel numbers also added.

- **Combined Single Line Diagram symbols and templates**

The separate attribute and graphic blocks inserted by I&W when generating single line diagrams have now been replaced with single “merged” blocks that contain both the attributes and the graphics. This will enable greater flexibility when designing the single line diagram symbols.

Note that existing single line diagram symbols and templates will have to be merged to leverage this new functionality.

Check out all the release information contained in the ReadMe files posted here on the BE Communities Plant Design & Engineering Forum.

[Bentley Process & Instrumentation Workgroup V8i \(SELECTseries 2\)](#)

[Bentley AutoPLANT P&ID V8i \(SELECTseries 2\)](#)

[Bentley AutoPLANT Plant Design Workgroup V8i \(SELECTseries 2\)](#)