ATHENA 2012 - Changes Log

CAD-PLAN

c0.01 2011-09-07

- English translation added.
- French translation added.
- Spanish translation added.
- Italian translation added.
- Bug with audit fixed.
- Bugs in standard parts, membranes and arc dimensions fixed.

Changed files:

ath_norm.dex

Ath_2012_18_32_Norm.arx
Ath_2012_18_64_Norm.arx
ath_init.fas
ath_run.rsx

Cpl_2012_18_32_Main.arx
Cpl_2012_18_642_Main.arx
cpl_data.fas
cpl_run.rsx

c0.02 2011-10-12

- Improvement on duration of student licenses
- In some situations the command "Change Viewport Scale" notifies unlocked viewports as locked. That does not happen anymore.
- In certain cases the command "Export CNC" created no output. This bug has been fixed.
- Improvements of LogiKal interface accomplished
- Russian translation added.

Changed files:

Ath_2012_18_32_Base.arx
Ath_2012_18_64_Base.arx
ath_bar.fas
ath_init.fas
ath_nm.slb
ath_run.rsx

ath_logi.fas

cpl_desk.fas
cpl_run.rsx

ATHENA 2012 - Changes Log

CAD-PLAN

c1 2012-02-03

Improvements

- The ATHENA commands for switching layers on and off have been adapted such that the behavior with sub-objects of an ATHENA ARX object is exactly as for blocks.
- ATHENA 2012 can be installed under the AutoCAD version which is contained in the suite "Structural Detailing 2012".
- The "Profiled sheet" command now takes British units into account.
- The function "Analyze axis model" now also recognizes more complex axis models.
- The visibility of covered lines can now be controlled in views of tube profiles.
- The tabular display, which is output by the "Center of gravity and moments" function, has been arranged more clearly.
- The performance of the hatching display in the preview of the Wall command has been optimized.
- A screwed joint can now only be a constituent of an AutoCAD group and when the screwed joint is edited, the group is retained.
- The display properties of individual intelligent ATHENA projections can now be set separately. This means that, for example, in the sectional illustration the covered lines can be switched off, whereas those in the side view can be switched on.
- In the USA the opening direction for symbols in windows/doors is displayed differently than in Europe. The various displays can now be set.
- The AutoCAD command "EATTEDIT" is now used instead of "ATTEDIT" on double clicking AutoCAD blocks with attributes. The dialog box for editing is more modern and offers more changing options. In addition editing is immediately visible in the drawing.
- The powerful command "Generate section from 3D" has been substantially expanded by some additional outputs.
- The frequently used command "Parts count" now outputs each attribute of a block in the same sequence as has been defined in the block definition.
- The "Stretch to dimension" command now facilitates the specification of several stretch windows and now objects can be deselected from the selection set.
- With the following ATHENA "object types" the associativity can be removed with the "Explode group" command:
  - Screwed joints
  - Facade elevations
  - Grid divisions
  - Axis model
  - Intelligent ATHENA projections
- No diagrams of 3D bars, which include one or more composite panels, were generated. This now functions correctly.
- Buckling factors (omega values) can now be assigned to the physical values of materials. These are then offered in the loading cases 17-20 of the function "Ix required/deflection" (buckling loads).
- General translation corrections for national versions.
- Inserted assemblies, which are not bound to a bar, can now be edited directly and also updated with the "Apply assembly" command.

- Improvements to the LogiKal interface.

Error rectification

- Covering is lost when covered or covering objects have been edited. This no longer occurs.
- Several improvements in the "Facade elevation" command have been carried out.
- When editing "automatic labels" to add one's own text, in some circumstances the automatic texts were displayed without spaces. The error has been rectified.
- When infills were mirrored, they remained as original infills. Now they are correctly mirrored.
- Improvements to the Pipe command have been made.
- When a layer was defined as a sheet with the Wall command and then labeled, nothing was output. Labeling now occurs correctly.
- If a wall was output with hatching and was covered by an object, the hatch scale was changed. The hatch scale is now retained.
- Problems with stretching semi-finished products when using object snapping have been rectified.
- The new grip function "Continued dimensions" did not use the ATHENA dimension layer. Now it does.
- With transposed UCS the "Wall" command did not draw it at the point at which the series of lines was specified. Now drawing takes place at the correct point.
- An error during hatching assignment for an ATHENA material has been remedied.
- If cuttings were defined on 2D projections, they were lost during the conversion to 3D bars. The cuttings are now retained.
- With the commands "Thermal resistance", "Rw value for construction", if the language was first changed in the dialog box, the commands aborted. This problem has now been rectified.
- With the "Process sheet" command outlines with continued line sections were combined into one line. Following customer requests, this functionality has been reverted. To the same as with ATHENA 2010.
- Improvement in the positioning of dialog boxes in the current command.
- User texts during labeling were output double (per language), if the labels were output bilingually. This bug has been remedied.
- Improvement in the transfer of label properties has been made.
- Improvement in the display properties for 3D bars.
- Inconsistencies during the placement of developed 3D pipes have been rectified.
- Corrections on calling help for some commands have been implemented.
- With bar assembly insertions as "section" the infills were not output under some circumstances. The error has been corrected.
- Under "Windows" the setup did not create any ATHENA files for new users if the user account control was set to the standard value. Now the required files are copied correctly for a new user.
- Improvement in object snapping for shaded ATHENA 3D bars.
- Optimization of the "notching" mode for a cutting.

- The "Horizontal levels" command produced slightly distorted levels. The error has been rectified.
- Problems on importing sheet metal sections from a library have been rectified.
- The ATHENA setup did not recognize an installed AutoCAD Mechanical 2010 version. Now ATHENA 2012 can also be installed under it.
- Errors on adopting an Alucobond sheet in the "Bar assemblies manager" have been corrected.
- The data base for Hilti and EJOT manufacturer's parts has been optimized.
- Inconsistencies with the "Apply arrangement" command have been removed.
- A changed object line-type factor of an ATHENA standard part is now also retained after editing.
- The assemblies manager hung up under rare configurations. This no longer occurs.
- On editing 2D infills display errors occurred for modified infills. This has now been remedied.
- With distance figures for the cutting type, under some circumstances the figure was not subtracted from the bar length, but added to it instead. This is no longer the case.
- Copying level groups using the clipboard sometimes led to loss of associativity. Now it is retained.
- Copying ATHENA 3D models including AutoCAD solids using the clipboard led to loss of data in certain situations. This is no longer the case.
- Error messages during TESTING after the insertion of some infills no longer occur.
- During the layer assignment of a material it was not possible to assign a layer from the current drawing. This is now possible.
- Referenced bar assemblies could under some circumstances be purged in a drawing. Now only unused bar assemblies are purged.
- With the assignment of attribute values in scaled ATHENA levels erroneous scaling of these additional attributes occurred under AutoCAD 2010. This is now OK.
- The 2D output of 3D bars has been optimized.
- The display of associative processing on 3D bars in the "Construction" display mode was not always correct. Now it is.
- The display of bendable 3D bars in the "Full" display mode was faulty at very small dihedral angles. Now it is correct.
- The bug when activating the option "Start/end distance variable" in the Arrangement manager has been remedied.
- The display of different diagram spacing on various boundary edges for cutting types of components of a bar assembly has been improved.
- The output of values of a 3D model in attributes of a caption by the function "Bar diagram" in separate drawings has been optimized.
- The cutting of tube profiles which was erroneous in certain situations has been corrected.
- There were problems on undoing the command "Horizontal and vertical auxiliary lines". These have now been rectified.
- The results table of the command "Pane / solid thickness" is now output in the set labeling language.

- The command "Bar list" now outputs angles in the accuracy which can be assigned to the material in the material data base. If the "System" setting is activated, the accuracy of the current AutoCAD dimension settings is used.
- Several improvements have been made in the output of sheets with the "Sheet processing" command.
- The calculation of the cutting outline for "Bar diagram" has been optimized.
- The possibility of AutoCAD in defining different colors for the same layer in different viewports did not function with some ATHENA objects. This functionality can now be applied to all ATHENA objects.
- Small errors in the "Change label scales" command have been rectified.
- The cutting preview for the appropriate commands did not display the correct cutting line under some circumstances. Now it does.
- With the AutoCAD "Dynamic input field" switched on, it was not possible to pan nor zoom when the "Analyze axis model" interrogated the weather side. This is now possible.
- The leader of the label object of "welded seam symbol" did not run parallel to the X axis of the UCS (except in the WCS). The error has been corrected.
- Object snapping and dimension problems on inserted infills have been rectified.
- The output of assembly projections with the "Assemblies manager" has been improved.
- The object snapping functionality of "Adopted intersection" for ATHENA objects with AutoCAD objects has been optimized.
- Various small error corrections have been carried out.

ATHENA 2012 - Changes Log

CAD-PLAN

Modified files:

Ath_$fid.blk ath_norm.dex

ath_0000.fas Ath_2012_18_32_Base.arx Ath_2012_18_32_CSharp.dll Ath_2012_18_32_Dial.arx Ath_2012_18_32_Es.dll Ath_2012_18_32_Logi.arx Ath_2012_18_32_Mfc.dll Ath_2012_18_32_Net.dll Ath_2012_18_32_Norm.arx Ath_2012_18_32_Obj.dll Ath_2012_18_64_Base.arx Ath_2012_18_64_CSharp.dll Ath_2012_18_64_Dial.arx Ath_2012_18_64_ES.dll Ath_2012_18_64_Logi.arx Ath_2012_18_64_Mfc.dll Ath_2012_18_64_Net.dll Ath_2012_18_64_Norm.arx Ath_2012_18_64_Obj.dll	ath_aux.fas ath_bar.fas ath_bgr.FAS ath_blch.fas ath_c3d.FAS ath_cmd.fas ath_dim.fas ath_easy.fas ath_edit.fas ath_frame.fas ath_front.FAS ath_hlbz.fas ath_htrans.FAS ath_init.fas ATH_LOGI.fas ath_mat.fas ath_norm.FAS ath_obj.fas ath_pane.fas	ath_run.dcl ath_run.rsx ath_st3d.fas ath_stdl.FAS ath_stik.fas ath_ttxt.fas ath_tzae.fas

cpl_2012_18_32_bar.arx Cpl_2012_18_32_Base.dll Cpl_2012_18_32_Data.dll Cpl_2012_18_32_Grp.arx Cpl_2012_18_32_Kernel.dll Cpl_2012_18_32_Main.arx Cpl_2012_18_32_Mfc.dll Cpl_2012_18_32_Modeler.dbx Cpl_2012_18_32_Net.dll Cpl_2012_18_32_Obj.dll Cpl_2012_18_32_Solid.arx cpl_2012_18_64_bar.arx Cpl_2012_18_64_Base.dll Cpl_2012_18_64_Data.dll Cpl_2012_18_64_Grp.arx	Cpl_2012_18_64_Kernel.dll Cpl_2012_18_64_Main.arx Cpl_2012_18_64_Mfc.dll Cpl_2012_18_64_Modeler.dbx Cpl_2012_18_64_Net.dll Cpl_2012_18_64_Obj.dll Cpl_2012_18_64_Solid.arx cpl_bgr.FAS cpl_desk.fas cpl_dial.fas cpl_dim.fas cpl_g.fas cpl_g2.fas cpl_g3d.fas cpl_lib.fas cpl_mat.fas

ATHENA 2012 - Changes Log

CAD-PLAN

c1.01 2012-02-10

Improvements

- Chinese translation added.

Error rectification

- ATHENA objects can again be used as boundary objects for joints and stretching.
- If the color of an ATHENA object is changed to ByBlock and the ATHENA object is incorporated into a block, the ATHENA object again takes on the color of the block layer.
- If the arrow of a leader is stretched to the base-line insertion point so that the leader arrow disappears, the grip of the insertion point of the new leader is again square. Consequently, the leader can be moved again using this grip.

Modified files:

ath_run.rsx

Cpl_2012_18_32_Main.arx
Cpl_2012_18_64_Main.arx
cpl_run.rsx

c1.02 2012-03-27

Improvements

-

Error rectification

- Bars with components which can be masked out (e.g. reinforcing profile section) were still output during the output with "Bar list", if such components were switched off during insertion. Now the components are only output if they have been superimposed during insertion.

Modified files:

ath_st3d.fas

c2 2012-05-07

Improvements

- Execution on AutoCAD / Architecture / Mechanical 2013 enabled.

Error rectification

- With the cutting variant "Clinched throughout" the result was sometimes output incorrectly. Now the cutting in this variant is correct.
- When a sheared outline was covered with the command "Hide objects" so that hidden lines were displayed, the result was not correct. This now functions correctly.
- Problems in executing cuttings with the LogiKal interface have been rectified.

ATHENA 2012 - Changes Log

CAD-PLAN

Modified files:

Ath_2012_18_32_Logi.arx
Ath_2012_18_64_Logi.arx

Ath_2012_19_32_Base.Arx
Ath_2012_19_32_CSharp.dll
Ath_2012_19_32_Dial.arx
Ath_2012_19_32_Es.Dll
Ath_2012_19_32_Logi.arx
Ath_2012_19_32_Mfc.dll
Ath_2012_19_32_Net.dll
Ath_2012_19_32_Norm.arx
Ath_2012_19_32_Obj.Dll
Ath_2012_19_64_Base.Arx
Ath_2012_19_64_CSharp.dll
Ath_2012_19_64_Dial.arx
Ath_2012_19_64_Es.Dll
Ath_2012_19_64_Logi.arx
Ath_2012_19_64_Mfc.dll
Ath_2012_19_64_Net.dll
Ath_2012_19_64_Norm.arx
Ath_2012_19_64_Obj.Dll

ath_init.fas
ath_run.rsx

AsdkHlrApi19.dbx

cpl_2012_18_32_bar.arx
Cpl_2012_18_32_Kernel.dll
Cpl_2012_18_32_Main.arx
Cpl_2012_18_32_Modeler.dbx
Cpl_2012_18_32_Solid.arx
Cpl_2012_18_64_bar.arx
Cpl_2012_18_64_Kernel.dll
Cpl_2012_18_64_Main.arx
Cpl_2012_18_64_Modeler.dbx
Cpl_2012_18_64_Solid.arx

Cpl_2012_19_32_bar.arx
Cpl_2012_19_32_Base.dll
Cpl_2012_19_32_Convt.arx
Cpl_2012_19_32_Data.dll
Cpl_2012_19_32_Grp.Arx
Cpl_2012_19_32_kernel.dll
Cpl_2012_19_32_Main.Arx
Cpl_2012_19_32_Mfc.dll
Cpl_2012_19_32_Modeler.dbx
Cpl_2012_19_32_Net.dll
Cpl_2012_19_32_Obj.dll
Cpl_2012_19_32_Solid.arx
Cpl_2012_19_64_bar.arx
Cpl_2012_19_64_Base.dll
Cpl_2012_19_64_Convt.arx
Cpl_2012_19_64_Data.dll
Cpl_2012_19_64_Grp.Arx
Cpl_2012_19_64_kernel.dll
Cpl_2012_19_64_Main.Arx
Cpl_2012_19_64_Mfc.dll
Cpl_2012_19_64_Modeler.dbx
Cpl_2012_19_64_Net.dll
Cpl_2012_19_64_Obj.dll
Cpl_2012_19_64_Solid.arx