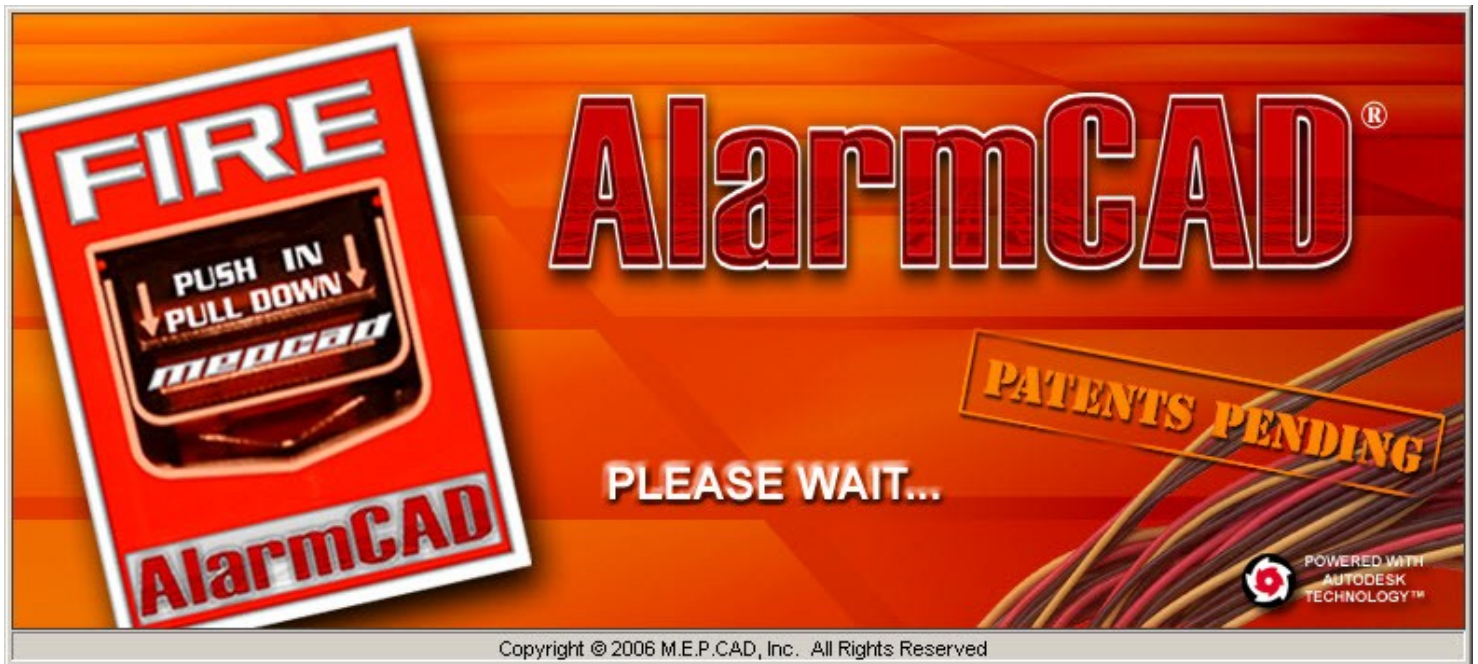# Comparison of AlarmCAD and AlarmCAD Lite Features

AlarmCAD features are displayed on the left hand side of the page in this document while the AlarmCAD Lite features are on the right hand of the page. Functions or commands greyed out on the right hand side are not available in the AlarmCAD Lite version.

When comparing the AlarmCAD for AutoCAD version to the AlarmCAD for AutoCAD Lite version the reduced features follow the standalone example of this document with the exception of Import/Export AutoCAD dwg files and printing and plotting. These are controlled by AutoCAD and remain the same between the full and lite versions.

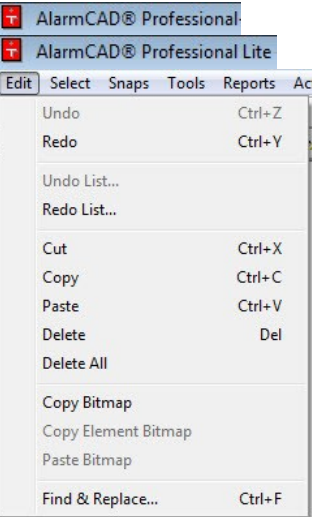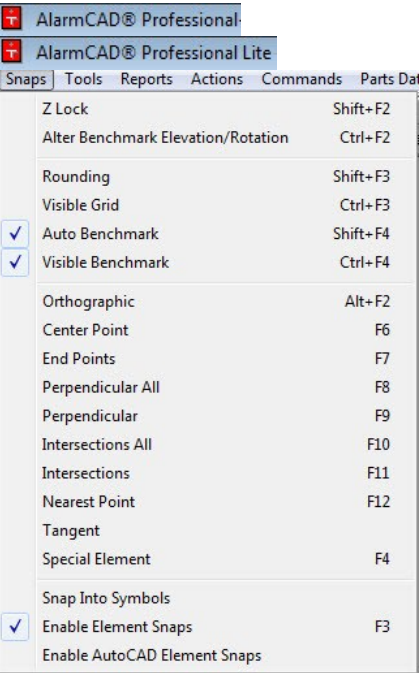AlarmCAD Professional features
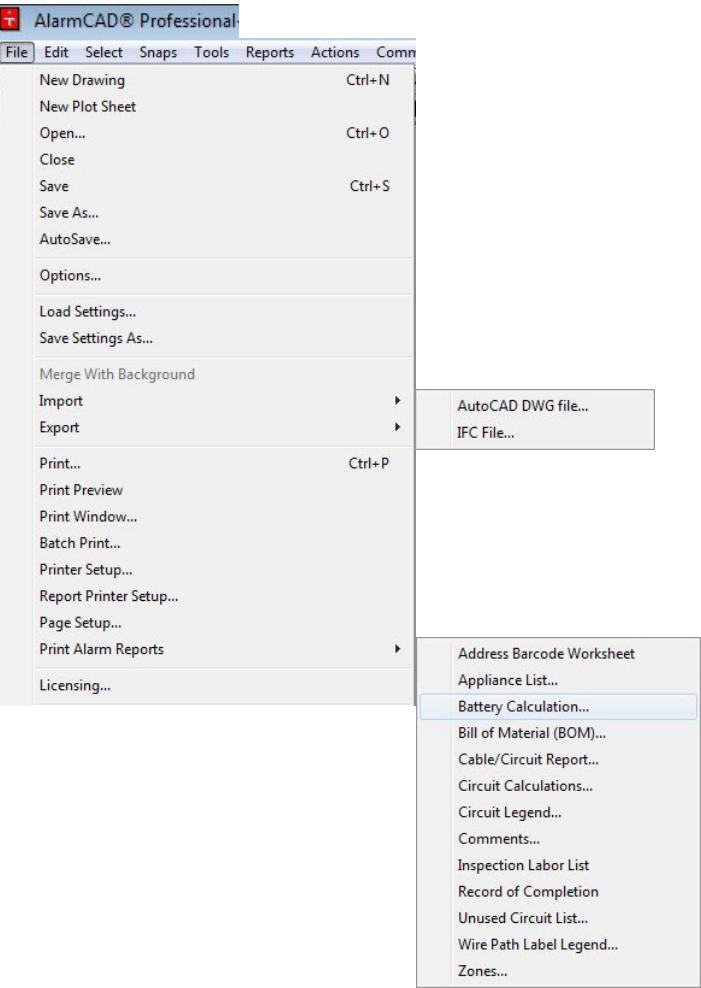
AlarmCAD Professional Lite does not provide the option to create *New Plot Sheet*, *Import > AutoCAD DWG* file, *Page Set-up*, or generate any reports from the *Print Alarm Reports* in 8.5" x 11" format.
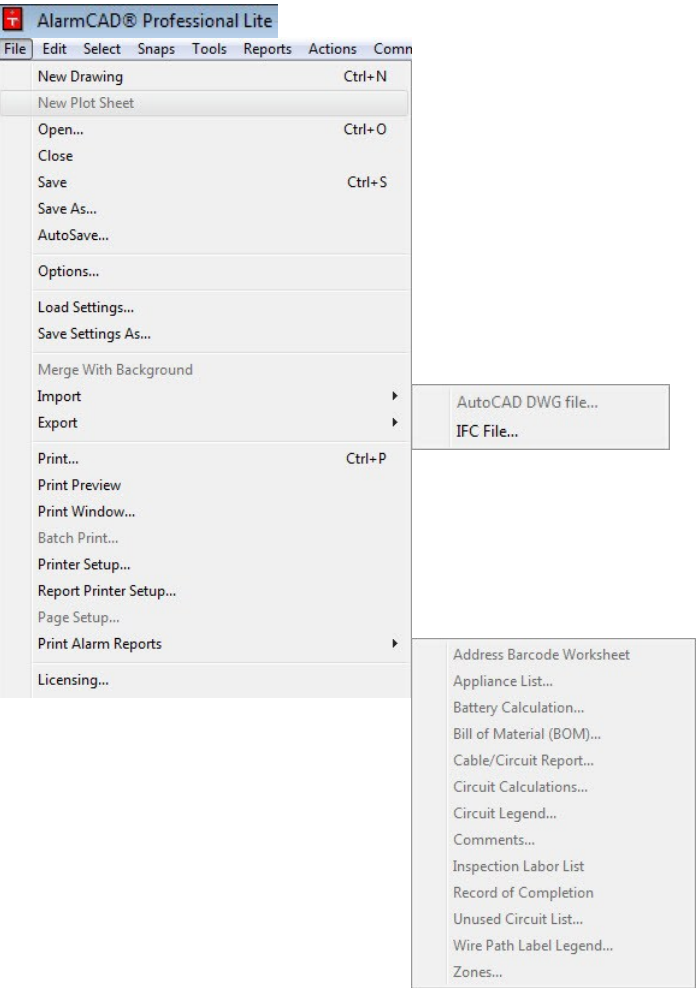
AlarmCAD Professional and AlarmCAD Professional Lite have the same *Edit* choices.

AlarmCAD Professional and AlarmCAD Professional Lite have the same *Snaps* choices.

AlarmCAD Professional and AlarmCAD Professional Lite provide the same choices in the _Select_ menu.

AlarmCAD® Professional-
AlarmCAD® Professional Lite

Select | Snaps Tools Reports Actions Comma

All	Ctrl+A
All Like Selected	
All Like Selected on Same Layer	
All On Selected Layer(s)	
By Address or Unique ID...	
By ID...	
By Part Number...	
Every	▶
Last	Ctrl+R
By Circuit Assignment...	
All Circuit Terminating Devices	
All In Rectangle	
Every In Rectangle	▶
Crossing Window	
Alt-Window	
Line Crossing	
Rectangular Crossing	
Invert Selection	Ctrl+I
Deselect All	Ctrl+D
Deselect Every	▶
Toggle Ctrl Key	
Select With Filter...	

Select > Every
Select > Deselect Every

Benchmark		Arc	
Protractor		Attribute	
Ruler		Crosshatch	
Address Barcode Worksheet		Cylinder	
Alarm Component		DWG Dimension	
Accessory Device		Ellipse	
Aux Panel		Line Segment	
Comm Phone		Picture	
EOL Device		Point	
Initiator		Polyline	
Junction Box		Revision Cloud	
Module		Solid	
Notification Appl.		Symbol	
Panel		Triangle	
Power Supply			
Relay Device		Beam	▶
Wire path		Ceiling Grid	
Wire path w/conduit		Column	
Wire path wo/conduit		Column Line	
Zone		Roof Plane	
		Wall	
Low Voltage System Reference			
Matrix Dot		Clip Plane	
Ohm Meter		Group	
Wire Path Label		View	
Dimension			
Leader Line			
Text Box			
Text Line			
Text Table			

Select > Every In Rectangle

Benchmark		Arc	
Protractor		Attribute	
Ruler		Crosshatch	
Address Barcode Worksheet		Cylinder	
Alarm Component		DWG Dimension	
Accessory Device		Ellipse	
Aux Panel		Line	
Comm Phone		Picture	
EOL Device		Point	
Initiator		Polyline	
Junction Box		Revision Cloud	
Module		Solid	
Notification Appl.		Symbol	
Panel		Triangle	
Power Supply			
Relay Device		Beam	▶
Wire path		Ceiling Grid	
Zone		Column	
		Column Line	
Low Voltage System Reference		Roof Plane	
Matrix Dot		Wall	
Ohm Meter			
Wire path label		Clip Plane	
		Group	
Dimension		View	
Leader Line			
Text Box			
Text Line			
Text Table			

AlarmCAD® Professional-
AlarmCAD® Professional Lite

Actions | Commands Parts Database AutoPRICER LV Settings

Hide Layers of Elements	
Match	▶
Bind XRef Symbols...	
Create Symbol...	Shift+F9
Group	Ctrl+F9
Split	▶
Array...	Ctrl+F11
Cleanup Intersections	Ctrl+F12
Mirror...	Shift+F11
Offset Move/Copy...	
Rotate...	
Round	
Scale...	
Stretch Lines...	
Trim/Extend	Shift+F12
Cleanup Text...	
Copy/Flatten Text	
Flatten	
Flatten Dimensioning	
Resize TextTable Reports to be the same width	
Set Text Angle	
Spell Check the Drawing	

AlarmCAD Professional and AlarmCAD Professional Lite
have the same choices in the _Actions_ menu.

AlarmCAD Professional—Tools
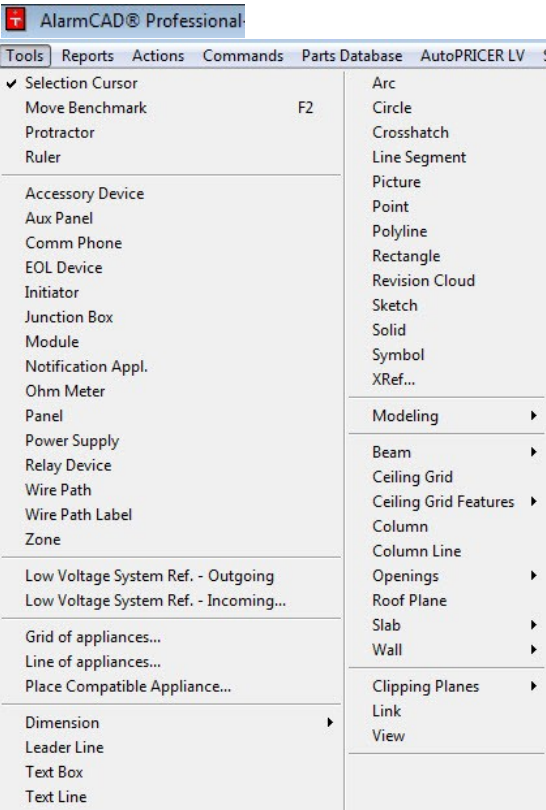
AlarmCAD Lite does not include the _Zone_ command; _Low Voltage System Ref_ commands (for linking multiple drawing files); _Grid of Appliances_ or the _Line of Appliances_.

AlarmCAD Professional—Reports

AlarmCAD Lite does not include _Address Barcode Worksheet_; _Appliance Detail Sheets_; _Comments_; _Cut Sheet List_; _Inspection Labor List_; _Operational Matrix_; _Appliance Label Legend_; _Create a Sheet List_; _Create Panel Configuration File_; _Panel Detail_ or _Standard Riser_.

AlarmCAD® Professional-

Commands | Parts Database | AutoPRICER LV | Settings | View | Wir

Add Circuit to Wirepath...
Cleanup...
Connect Appliances to Circuit...
Connect Appliances with Wirepaths...
Disconnect Appliances from Circuits
Search for Wiring Opens...

Place EOL's at Circuit Ends...
Place Junction Boxes at Wirepath Intersections...
Place Wire path Labels
Update current circuits with Design Standards...
Update Low Voltage System Reference
Update Low Voltage Sys Ref Connected Drawings...
Update Wire path Labels

Resequence by Selected Appliances...
Resequence by Circuits...

Convert Lines ▶
Convert Symbols ▶
Connect unconnected wire paths to nearest appliance...

Change Panel...
Internal Panel Connections...
Set Appliance Text...
Set Circuit Names...
Set Device Custom Label...
Set User Label...
Set User Label to Detail Sheet Name...
Show Appliance Coverage...

Assign Heights to Columns
Automatic Roof Planes
Calculate Slab Dimensions...
Center Ceiling Grid Between Walls
Elevate Elements to Roof Planes...
Rotate Beams to Roof Planes
Stretch Columns to Roof Plane

Convert Lines to Wire paths
Convert Lines to Beams

Convert Symbols to Accessory Devices
Convert Symbols to Aux Panels
Convert Symbols to Comm Phones
Convert Symbols to EOL Devices
Convert Symbols to Initiators
Convert Symbols to Junction Boxes
Convert Symbols to Modules
Convert Symbols to Notification Appls
Convert Symbols to Panels
Convert Symbols to Power Supplies
Convert Symbols to Relay Devices

Convert Symbols to Columns

AlarmCAD® Professional Lite

Commands | Parts Database | AutoPRICER LV | Settings | View | Win
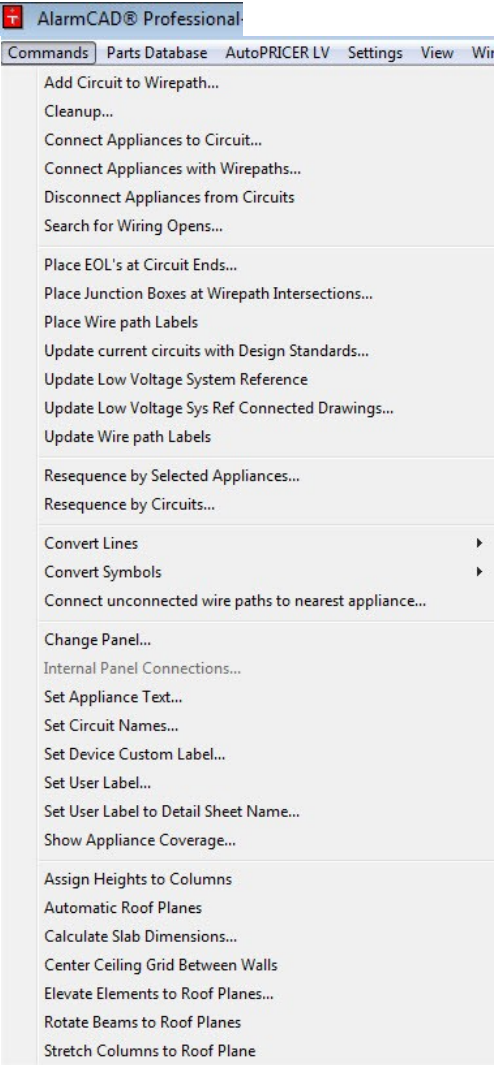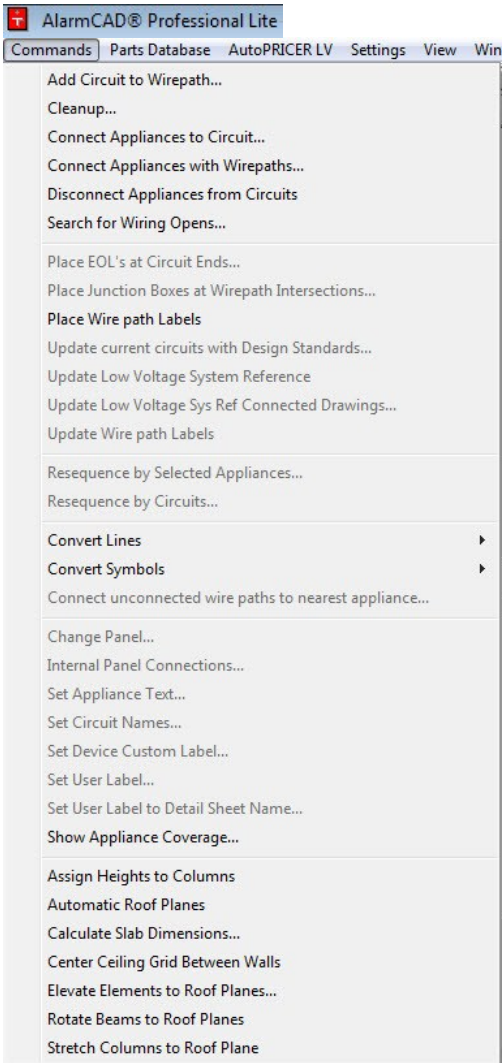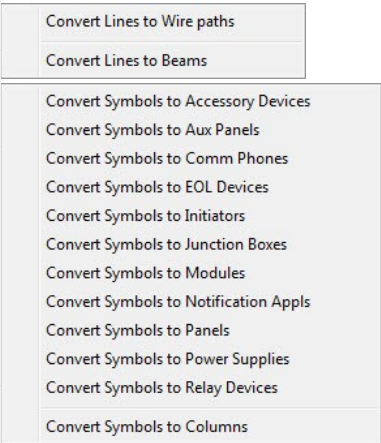
Commands Menu

Add Circuit to Wirepath...
Cleanup...
Connect Appliances to Circuit...
Connect Appliances with Wirepaths...
Disconnect Appliances from Circuits
Search for Wiring Opens...

Place EOL's at Circuit Ends...
Place Junction Boxes at Wirepath Intersections...
Place Wire path Labels
Update current circuits with Design Standards...
Update Low Voltage System Reference
Update Low Voltage Sys Ref Connected Drawings...
Update Wire path Labels

Resequence by Selected Appliances...
Resequence by Circuits...

Convert Lines ▶
Convert Symbols ▶
Connect unconnected wire paths to nearest appliance...

Change Panel...
Internal Panel Connections...
Set Appliance Text...
Set Circuit Names...
Set Device Custom Label...
Set User Label...
Set User Label to Detail Sheet Name...
Show Appliance Coverage...

Assign Heights to Columns
Automatic Roof Planes
Calculate Slab Dimensions...
Center Ceiling Grid Between Walls
Elevate Elements to Roof Planes...
Rotate Beams to Roof Planes
Stretch Columns to Roof Plane

Convert Lines to Wire paths
Convert Lines to Beams

Convert Symbols to Accessory Devices
Convert Symbols to Aux Panels
Convert Symbols to Comm Phones
Convert Symbols to EOL Devices
Convert Symbols to Initiators
Convert Symbols to Junction Boxes
Convert Symbols to Modules
Convert Symbols to Notification Appls
Convert Symbols to Panels
Convert Symbols to Power Supplies
Convert Symbols to Relay Devices

Convert Symbols to Columns
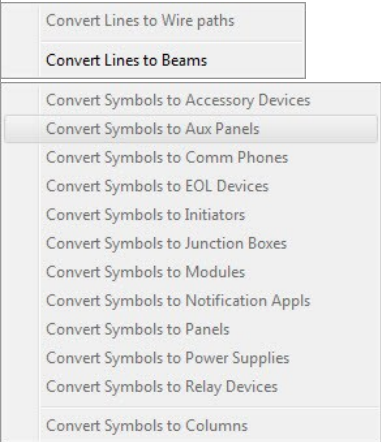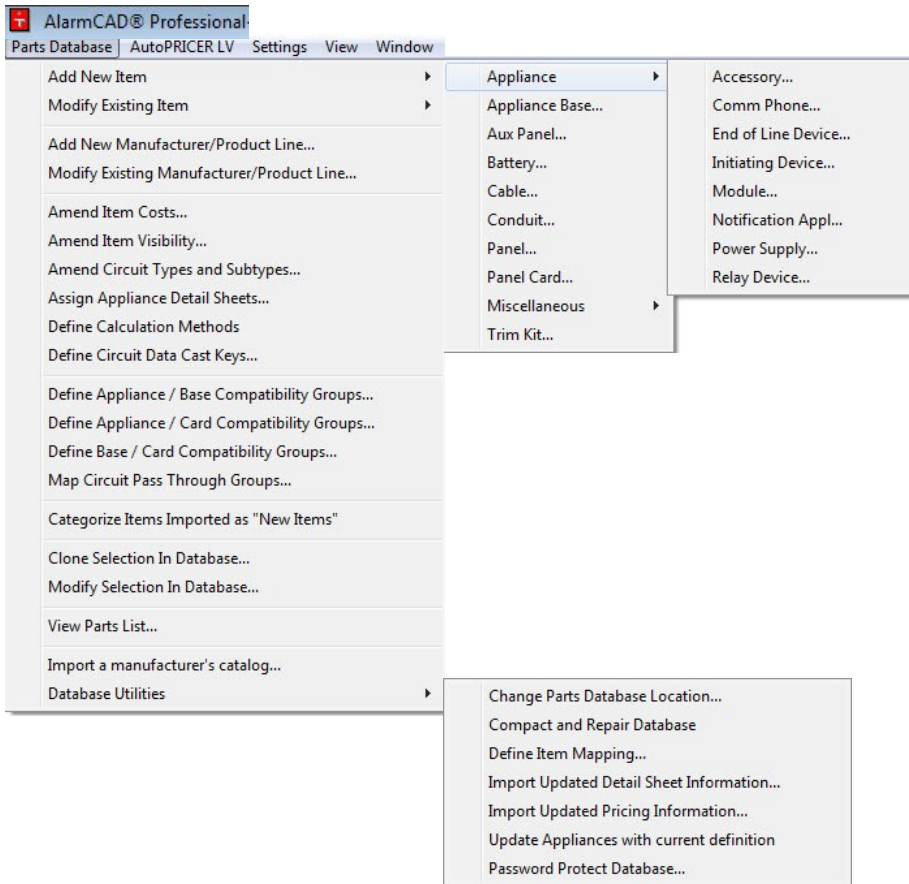
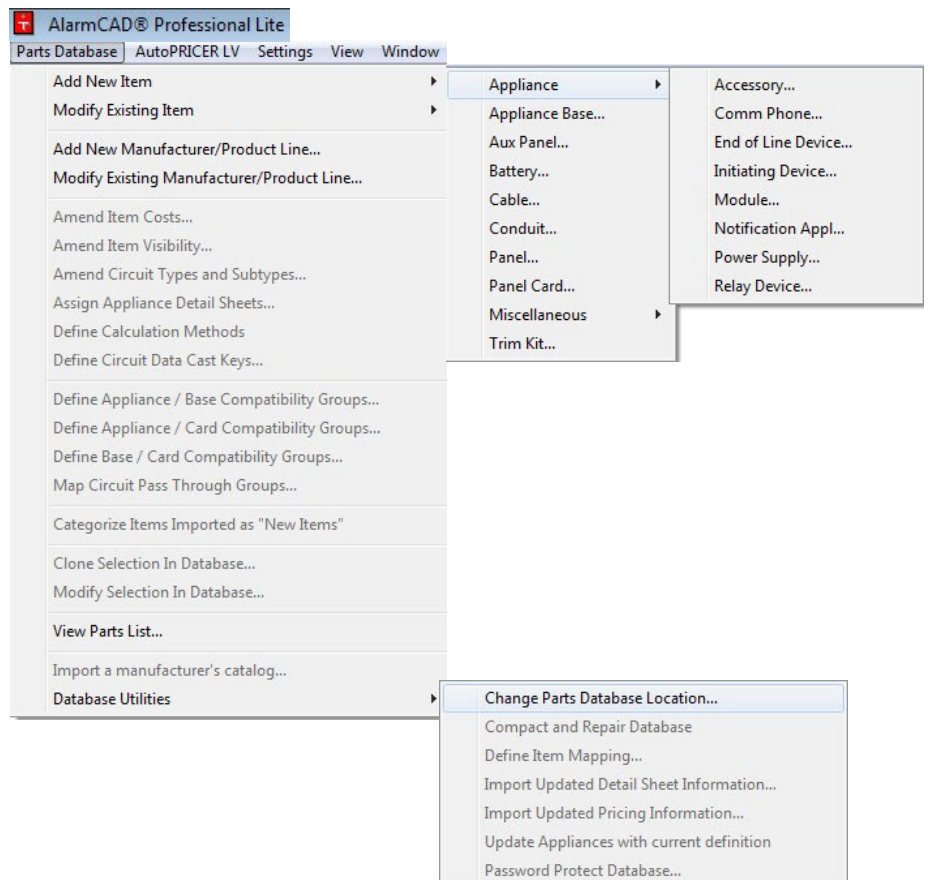Many of the automated commands available in AlarmCAD Professional are not available in the Lite version. These commands automate functions such a s Re-sequencing device addresses for SLC, NAC and other circuits; Update Wire path Labels; Update current circuits with Design Standards; Convert AutoCAD blocks into AlarmCAD Symbols; Convert AutoCAD lines into AlarmCAD Wire paths; Set User and Device Custom Labels and more.

AlarmCAD® Professional

Parts Database | AutoPRICER LV | Settings | View | Window

Add New Item	▶
Modify Existing Item	▶
Add New Manufacturer/Product Line...	
Modify Existing Manufacturer/Product Line...	
Amend Item Costs...	
Amend Item Visibility...	
Amend Circuit Types and Subtypes...	
Assign Appliance Detail Sheets...	
Define Calculation Methods	
Define Circuit Data Cast Keys...	
Define Appliance / Base Compatibility Groups...	
Define Appliance / Card Compatibility Groups...	
Define Base / Card Compatibility Groups...	
Map Circuit Pass Through Groups...	
Categorize Items Imported as "New Items"	
Clone Selection In Database...	
Modify Selection In Database...	
View Parts List...	
Import a manufacturer's catalog...	
Database Utilities	▶

Appliance submenu:
Appliance	▶
Appliance Base...	
Aux Panel...	
Battery...	
Cable...	
Conduit...	
Panel...	
Panel Card...	
Miscellaneous	▶
Trim Kit...	

Appliance second submenu:
- Accessory...
- Comm Phone...
- End of Line Device...
- Initiating Device...
- Module...
- Notification Appl...
- Power Supply...
- Relay Device...

Database Utilities submenu:
- Change Parts Database Location...
- Compact and Repair Database
- Define Item Mapping...
- Import Updated Detail Sheet Information...
- Import Updated Pricing Information...
- Update Appliances with current definition
- Password Protect Database...

AlarmCAD Professional Lite — Parts Database

AlarmCAD® Professional Lite

Parts Database | AutoPRICER LV | Settings | View | Window

Add New Item	▶
Modify Existing Item	▶
Add New Manufacturer/Product Line...	
Modify Existing Manufacturer/Product Line...	
Amend Item Costs...	
Amend Item Visibility...	
Amend Circuit Types and Subtypes...	
Assign Appliance Detail Sheets...	
Define Calculation Methods	
Define Circuit Data Cast Keys...	
Define Appliance / Base Compatibility Groups...	
Define Appliance / Card Compatibility Groups...	
Define Base / Card Compatibility Groups...	
Map Circuit Pass Through Groups...	
Categorize Items Imported as "New Items"	
Clone Selection In Database...	
Modify Selection In Database...	
View Parts List...	
Import a manufacturer's catalog...	
Database Utilities	▶

Appliance submenu:
Appliance	▶
Appliance Base...	
Aux Panel...	
Battery...	
Cable...	
Conduit...	
Panel...	
Panel Card...	
Miscellaneous	▶
Trim Kit...	

Appliance second submenu:
- Accessory...
- Comm Phone...
- End of Line Device...
- Initiating Device...
- Module...
- Notification Appl...
- Power Supply...
- Relay Device...

Database Utilities submenu:
- Change Parts Database Location...
- Compact and Repair Database
- Define Item Mapping...
- Import Updated Detail Sheet Information...
- Import Updated Pricing Information...
- Update Appliances with current definition
- Password Protect Database...

Many of the Parts Database features in AlarmCAD Professional are not available in AlarmCAD Lite. To amend cost, circuit types, circuit subtypes and define compatibility groups are not in the Lite version.

Database commands for cloning or modifying parts on the drawing are not available in the Lite version.

The ability to import or update pricing information, update appliances with current definitions or import a manufacturer's catalog is not available in the Lite version.
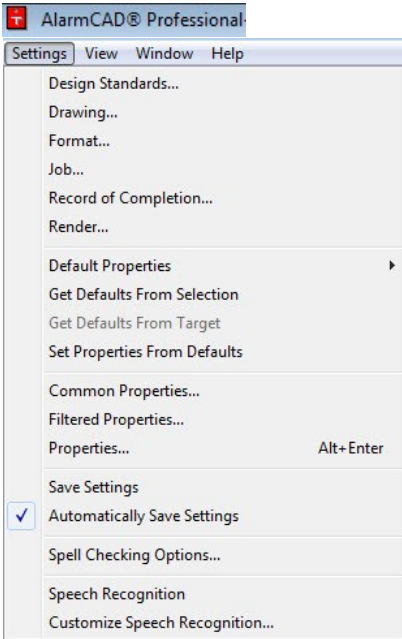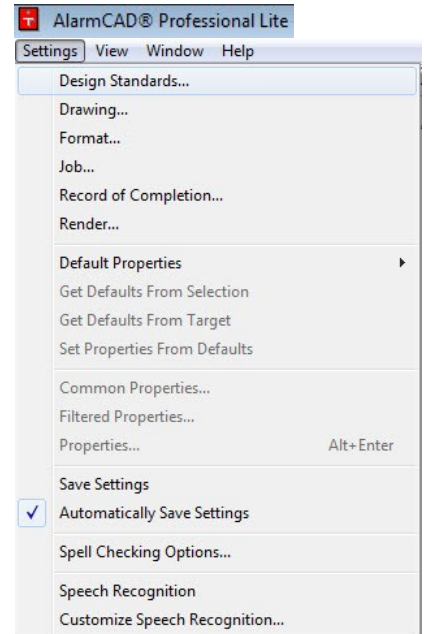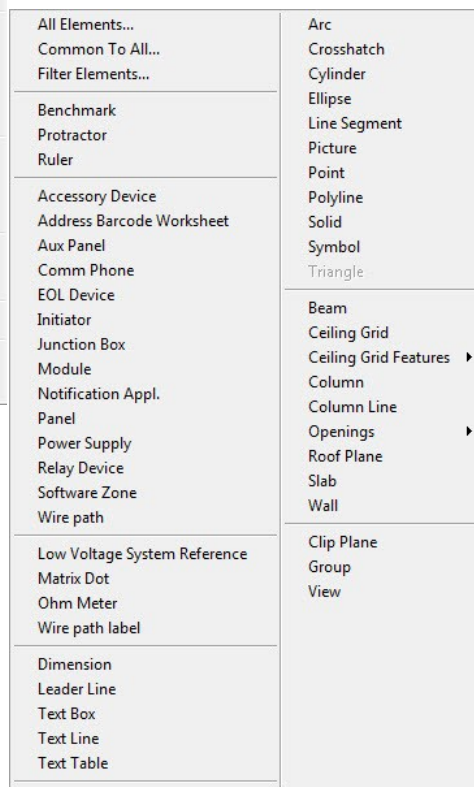
AutoPRICER-LV option
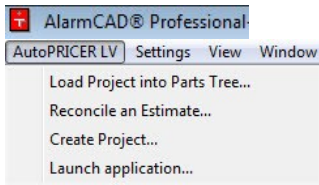
AutoPRICER LV interface is not available in the AlarmCAD Lite version. AutoPRICER LV is for estimating system projects.
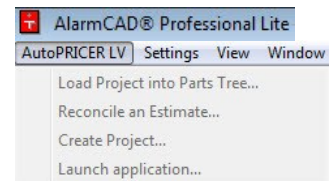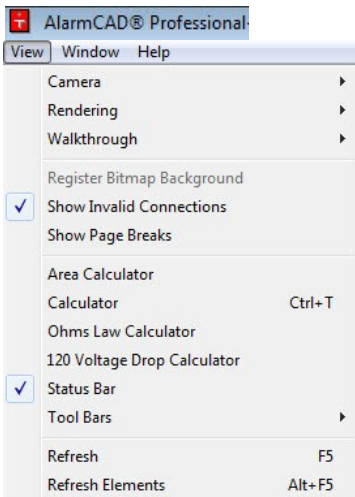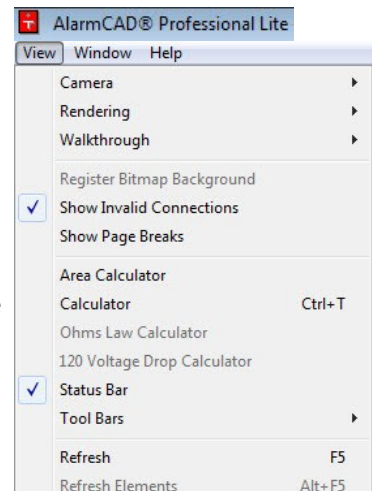

AlarmCAD—Settings

The Settings for both versions are the same with the exception AlarmCAD Lite does not have the Get and Set Default properties commands or the properties commend
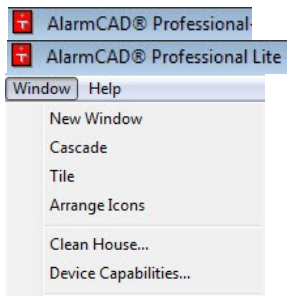

AlarmCAD—Views

AlarmCAD Lite does not provide the Ohms Law or 120 Voltage Drop Calculator.

The Widow and Help commands are the same for AlarmCAD Professional and AlarmCAD Professional Lite.