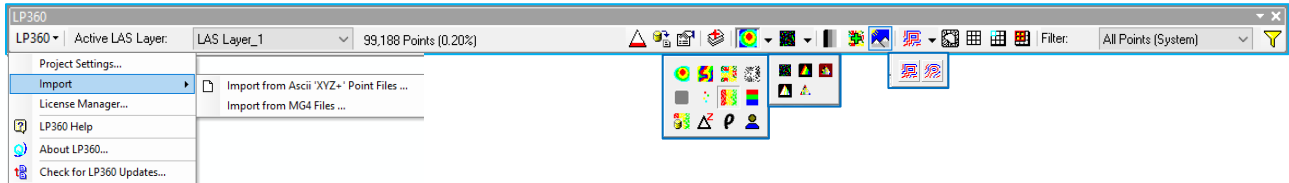


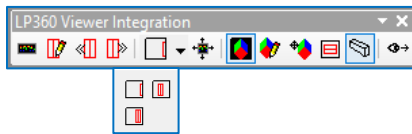
## Common ArcMap Tools™ Environmental Systems Research Institute (ESRI)

	Add Data		Zoom In		Measure		Point Cloud Tasks Tab
	Identify		Zoom Out		Select Features		ArcToolbox
	Pan		Full Extent		LAS Files Tab		ArcCatalog

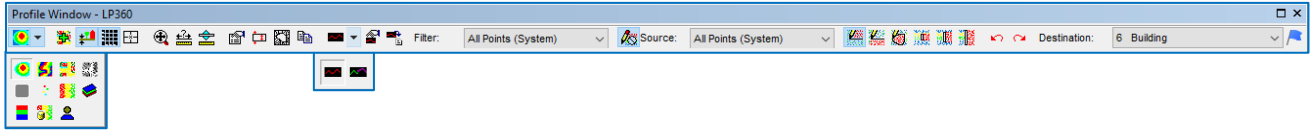
## LP360 Basic Tools



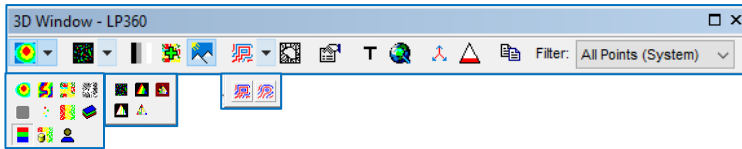
	<b>LP360 Dropdown:</b>		LAS Properties		Elevation Difference (dz)		Apply Intensity
	Project Settings...		Add LIDAR Data		Point Density		Blend Classification
	Import ASCII & MG4		Legend Types: Elevation		User Data		Toggle Hillshade
	License Manager...		Color Band				Display Contours
	LP360 Help Guide		Classification		Draw Types:		Display Smooth Contours
	About LP360...		Intensity		Draw Points		Toggle Breakline Enforcement
	Check for LP360 Updates...		Monochromatic		Draw TIN		Display Boundaries
	Active LIDAR Layer		Return Combination		Draw Points on TIN		Select LAS Files
	Point Information		Point Source ID		Draw Wireframe		Select and Load LAS Files Graphically
	Force 100% Resolution		RGB		Draw Points on Wireframe		View Filter
	Export Wizard		File				Live View



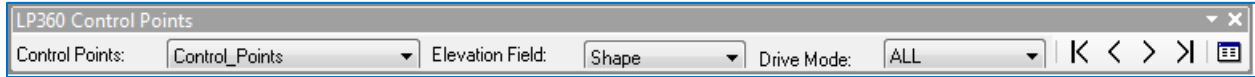
	Toggle Profile Window		<b>Profile Scroll Options:</b>		Toggle 3D Window On/Off		Draw Profile Box 3D View
	Draw Profile Line		Allow Profile Off Map		Define 3D Window Extent		Line of Sight
	Step Profile Back		Center Profile in Map		Modify 3D Window Extent		
	Step Profile Forward		Pan Map as Profile Nears Edge		Load Image to 3D Viewer		
			Zooms Map In/Out with Profile		Pan 3D Viewer With Profile		



	<b>Legend Types</b> (Elevation (CTRL+Q))		User Data (CTRL+S)		Toggle Breakline Enforcement		Source Points Filter
	Color Band (CTRL+A)		Blend Classification		Copy Profile to Clipboard (CTRL+C)		Classify Above Line (CTRL+G)
	Classification (CTRL+W)		Re-center Z Extent (CTRL+B)		<b>Drape Profile Options:</b>		Classify Below Line (CTRL+H)
	Intensity (CTRL+E)		Graticule On/Off		Drape Profile Line		Classify within Polygon (CTRL+F)
	Monochromatic		Toggle Cursor Crosshair		Drape Profile by Point Source		Small Paintbrush (CTRL+J)
	Return Combination (CTRL+R)		Continuous Pan & Zoom (CTRL+D)		Profile Export Settings		Medium Paintbrush (CTRL+K)
	Point Source ID (CTRL+T)		Measure (CTRL+M)		Export Draped Line		Large Paintbrush (CTRL+L)
	GIS Fusion (CTRL+U)		Measure Area		View Filter		Undo Last Edit
	RGB (CTRL+I)		Display Properties				Redo Last Edit
	File (CTRL+X)		Profile Depth		Classify Non-visible Points Toggle		Destination Class & Flags



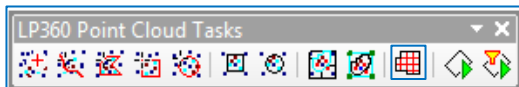
	<b>Legend Types</b>		GIS Fusion (CTRL+U)		Draw Wireframe		Toggle Breakline Enforcement
	Elevation (CTRL+Q)		RGB (CTRL+I)		Draw Points on Wireframe		Display Properties
	Color Band (CTRL+A)		File (CTRL+X)		Apply Intensity		Top View (CTRL+D)
	Classification (CTRL+W)		User Data (CTRL+S)		Blend Classification		Fit World (CTRL+F)
	Intensity (CTRL+E)		<b>Draw Types</b>		Toggle Hillshade		Toggle Axis (CTRL+B)
	Monochromatic		Draw Points		<b>Display Contours</b>		Force 100% Resolution
	Return Combination (CTRL+R)		Draw TIN		Display Contours		Copy (CTRL+C)
	Point Source ID (CTRL+T)		Draw Points on TIN		Display Smooth Contours		View Filter



	Control Layer		ALL		First Control Point		Last Control Point
	Elevation Field		Control		Previous Control Point		Control Point Report
	<b>Drive Mode:</b>		Check		Next Control Point		

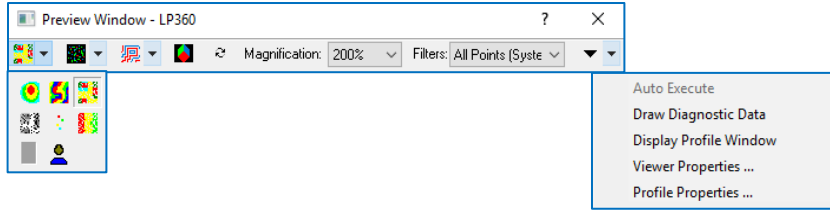


	Jump Map		Pan Map as Profile Nears Edge		Seamline Analysis		Circle
	Jump Amount		Pan 3D Viewer With Profile				Polygon
	Draw Profile Line		Define 3D Window Extent		Create Feature Class		Deletes an Issue
	<b>Profile Scroll Options:</b>		Modify 3D Window Extent		Target Feature Class		Edit an Issue's Attribute
	Allow Profile Off Map		Pan 3D Viewer with Map Jumps		<b>Add Area of Interest:</b>		
	Center Profile in Map		Center Viewer on Mouse Click		Rectangle		



	Execute by Point*		Execute by Envelope*		Execute by Circular Stamp		Execute for a Project
	Execute by Line*		Execute by Circle*		Execute by Selected Features		Execute task using selected feature layer*
	Execute by Polygon*		Execute by Rectangular Stamp		Execute by Selected Graphics		Execute attribute derived PCT using selected feature layer

\*Input Tool Geometry



	<b>Legend Types:</b>		RGB		Draw Points on TIN Wireframe		<b>Additional Options:</b>
	Elevation		User Data		Display Contours		Auto Execute
	Color Band		<b>Draw Types:</b>		Display Smooth Contours		Draw Diagnostic Data
	Classification		Draw Points		3D View Toggle		Display Profile
	Intensity		Draw TIN		Execute Task		Viewer Properties
	Return Combination		Draw Points on TIN	200%	Data Magnification		Profile Properties
	Point Source		Draw TIN Wireframe		View Filter		

## LP360 Standard Tools



	Classify Non-Visible Points Toggle		Medium Rectangular Brush		Medium Circular Brush		Undo Last Edit
	Selection Source Filter		Large Rectangular Brush		Large Circular Brush		Redo Last Edit
	Small Rectangular Brush		Small Circular Brush		Classify Within Polygon		Destination Class & Flags

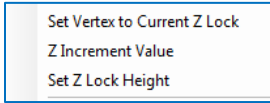


	Conflation Task Manager		LP360 Sketch Tool (Arc 9.3)		LP360 Sketch Tool (Arc 10.x)		Options (Z Increment)
	River Flatten						

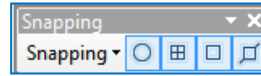
## Hotkeys for LP360 Sketch Tool











'P'	Toggle Profile Sync	'L'	Lock	'I'	Set Z Interpolation Method	'W'	Toggle Idle State
'S'	Freeze Profile Location	'F'	On-the-fly Refresh	'E'	Reset Elevation Value	'U'	Nudge Z Value Up
		'H'	Set Elevation as Constant or Vertex	'R'	Remove Z Lock	'D'	Nudge Z Value Down

## Right-click options for LP360 Sketch Tool on vertex



## ArcGIS 10.x Editor Tools for working with LP360 Sketch Tool



	<b>Editor Dropdown:</b>		Save Edits		Create Features		End Snapping
	Start Editing		Selection/Edit Tool		<b>HZ Snapping Options:</b>		Vertex Snapping
	Stop Editing		Sketch Properties		Point Snapping		Edge Snapping