ZW BoostPack



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ZWBoostPack 2026

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Load

To speed up the programme, our applications don't load automatically. After installing the application, a shortcut appeared on the desktop to launch the programme with the ZWBoostPack active, but you can also use this feature. It loads the programme’s content into the active ZWCAD.

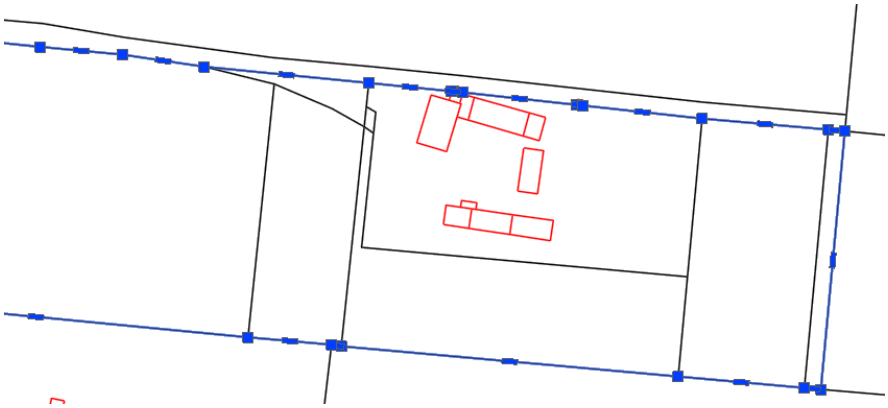


Select

PolyInside

PolyInside

This function allows you to select all objects located within a closed area but not touching its boundary.



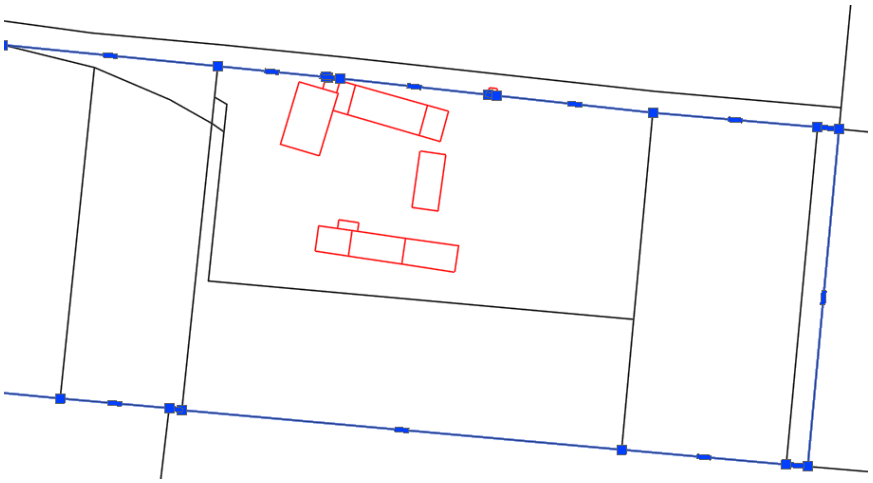
When you select a point inside a closed area, the function will select all objects that are entirely within it and don’t touch the boundary.



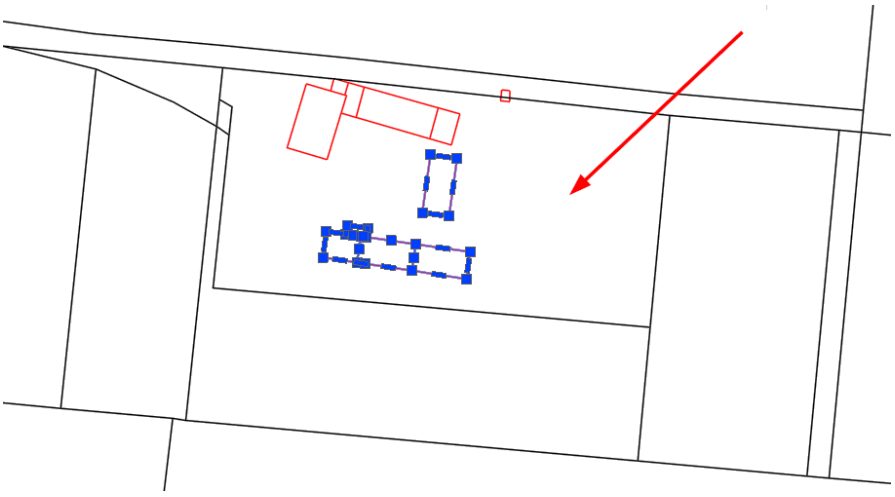
PolyInsideByPoint

PolyInsideByPoint

This function allows you to select all objects located inside the selected polyline but not touching it.



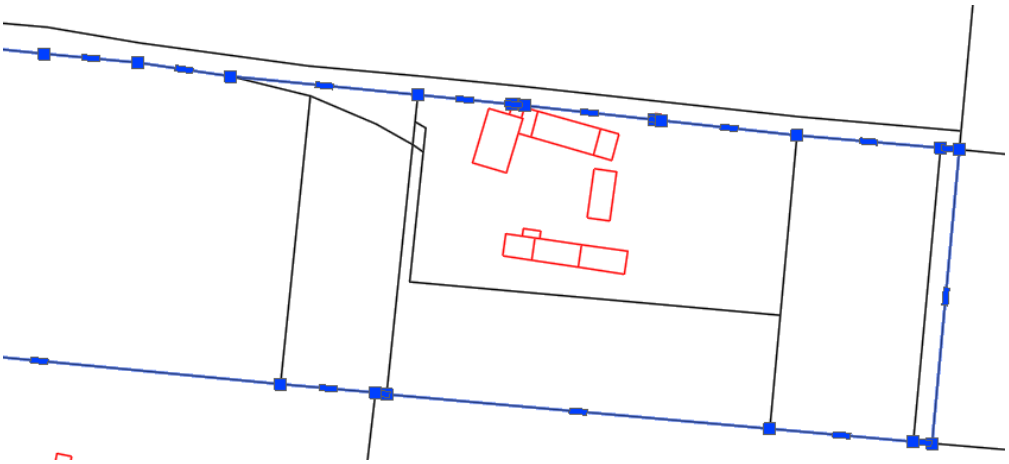
This is what the result of this function looks like:



PolyCrossing

PolyCrossing

This function allows you to select all objects located inside the selected polyline, along with those tangent to it.



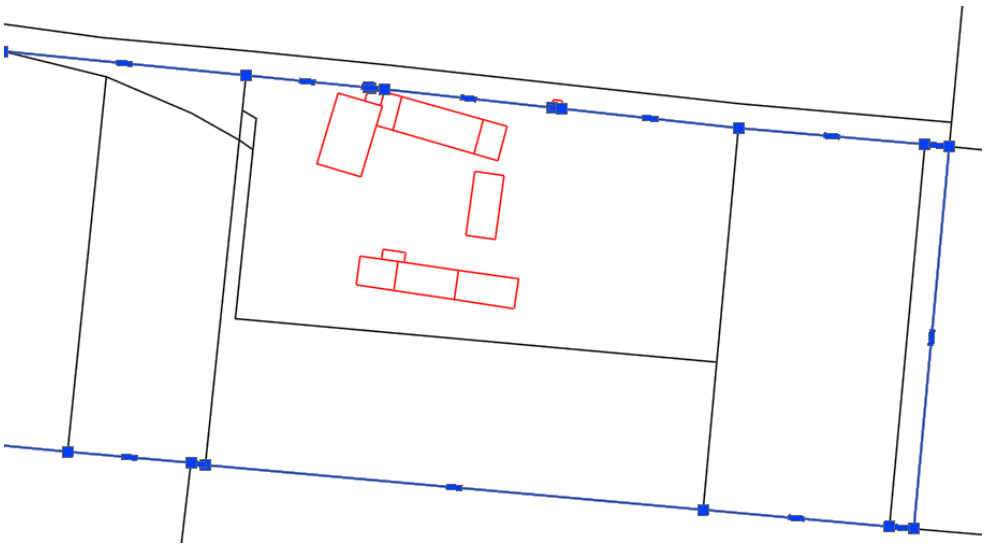
This is what the result of this function looks like:



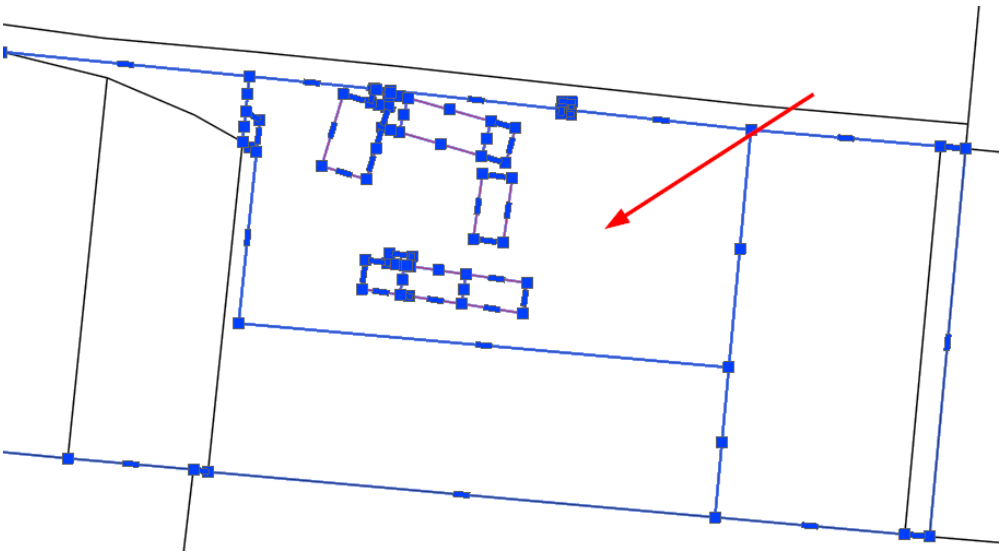
PolyCrossingByPoint

PolyCrossingByPoint

This function allows you to select all objects located within the selected area, including those touching the boundary.



When you select a point inside a closed area, the function will select all objects that are entirely within it, as well as those that are tangent to or intersect the boundary.



Background

Background color: white

białe

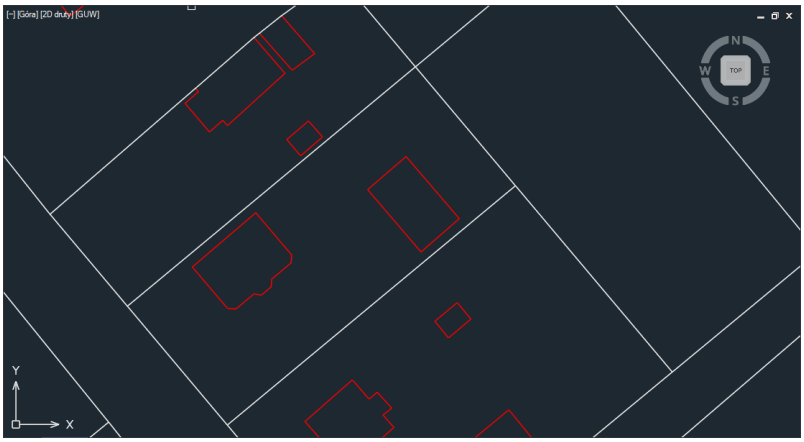
This feature allows you to change the programme’s background colour to white



Background color: grey

 *szare*

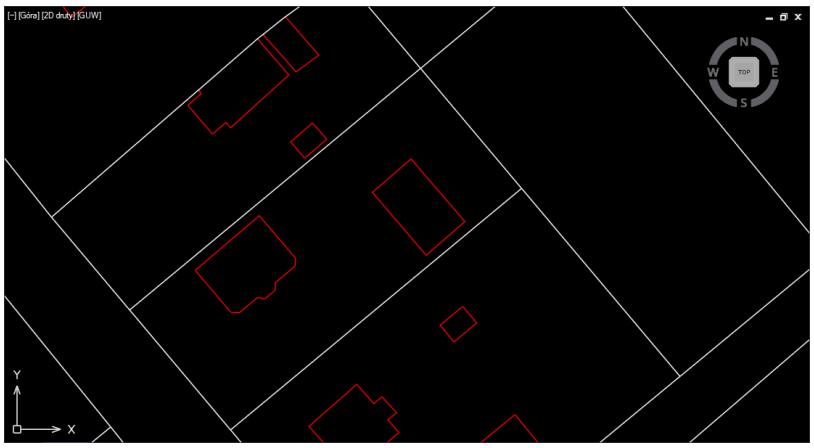
This feature allows you to change the programme's background colour to grey.



Background color: black

 *czarne*

This feature allows you to change the programme's background colour to black.

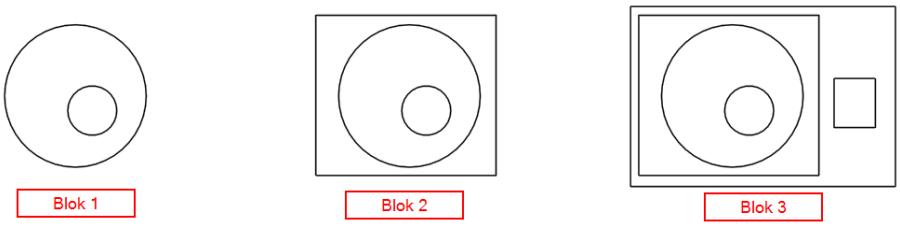


Block management

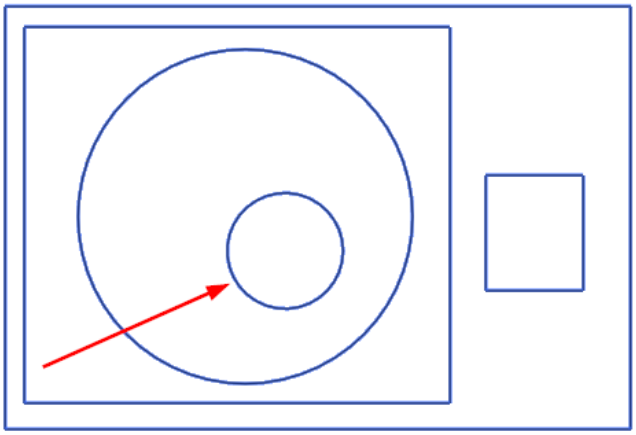
Direct editing of selected block

bbedit

This feature makes it easy to edit a block, even a nested one. Simply select the block and the editor will open.



Although Block 3 is displayed on the screen, selecting this item in the function will launch the Block 1 editor:

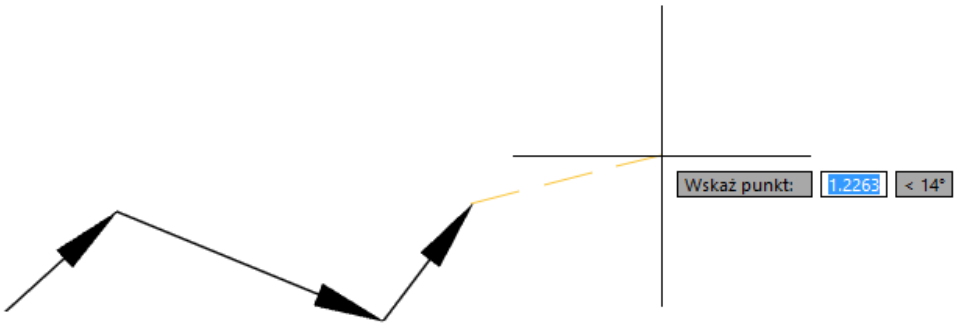


If the standard method, i.e. the Block Editor, were used, Block 3 would be edited.

Arrows

LZS

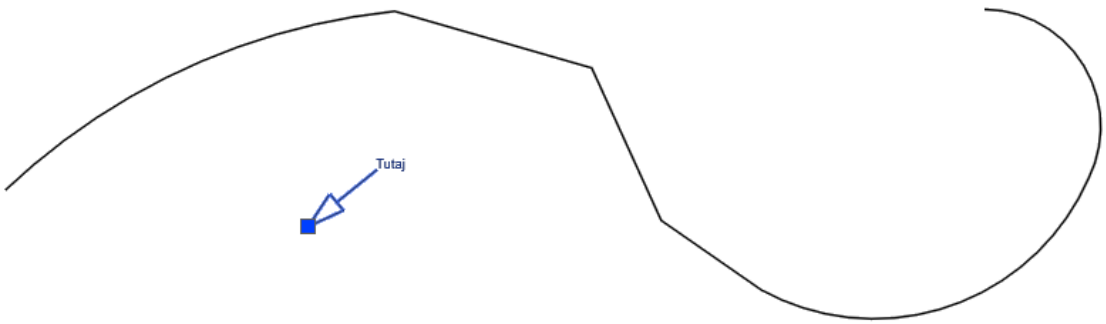
This function allows you to draw arrows at successive points. Simply run the command and specify the points for each arrow.



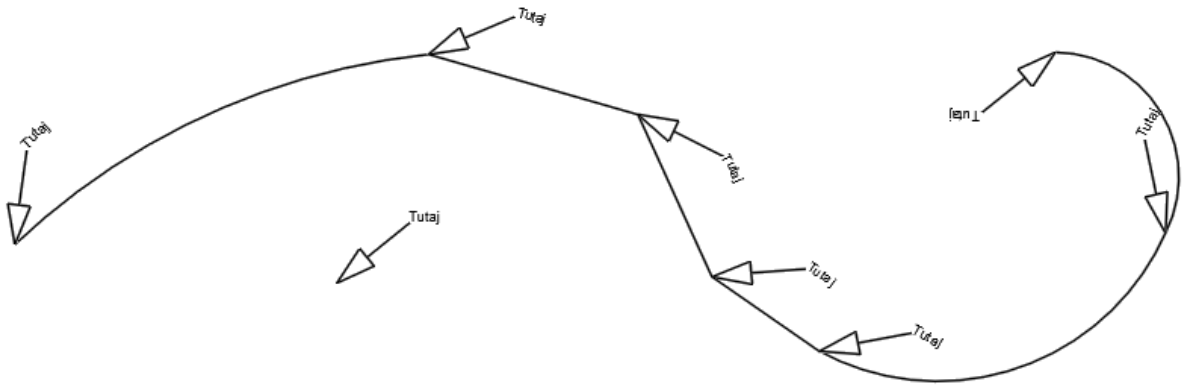
Describe vertices of polyline

opisz

This command makes it easy to label the vertices of a polyline. Simply select the block that will be used to label the points on the polyline.



Once you have selected the block, point the polyline and confirm with Enter, and the command will be completed.



Note: if a block is too large, it will not be placed on the segment. This is checked for each section of the selected polylines.

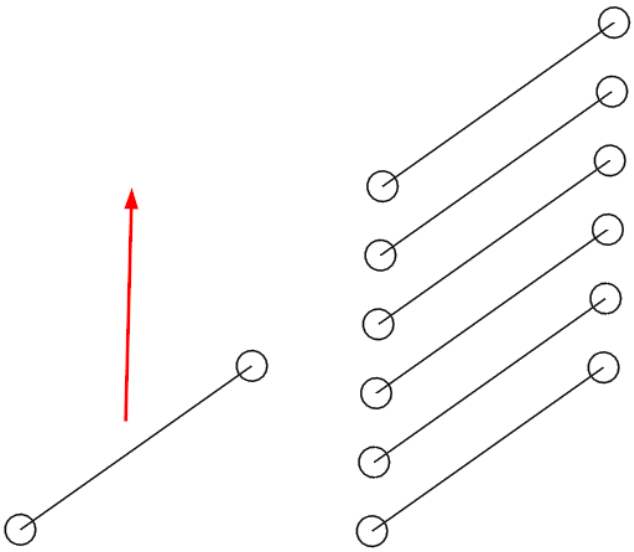
Manual array

szykmanualny

This command allows you to copy objects easily according to a specific pattern. To do this:

1. Select object.
2. Determine the offset distance.
3. Pick base point.
4. Point direction.

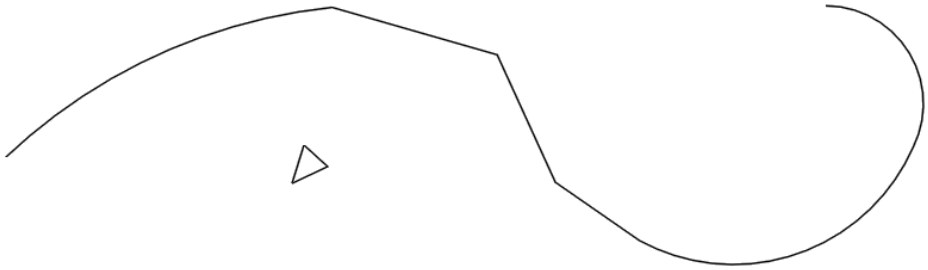
From now on, each press of the Spacebar or Enter will repeat the command and insert another object until the command is completed.



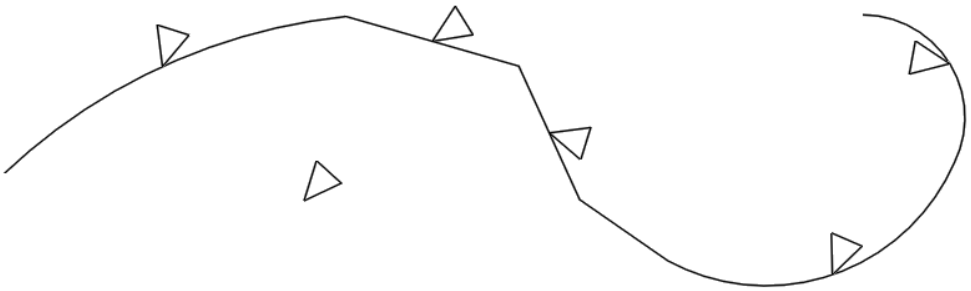
Describe centers of polyline


zzz

This command makes it easy to label the segments of a polyline. Simply select the block that will be used to label the points on the polyline.



Once you have selected the block, point the polyline and confirm with Enter, and the command will be completed.

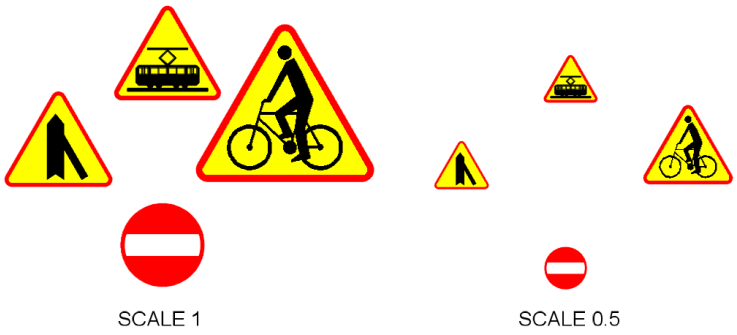


Note: if the block is too large, it will not be placed on the segment. This is checked for each section of the selected polyline.

Scale blocks while preserving base points


SkalujBloki

This function allows you to scale blocks whilst retaining their base points. Simply select the objects, run the command and choose the scale.



Line management

Outline for a polyline

obryspolilinii

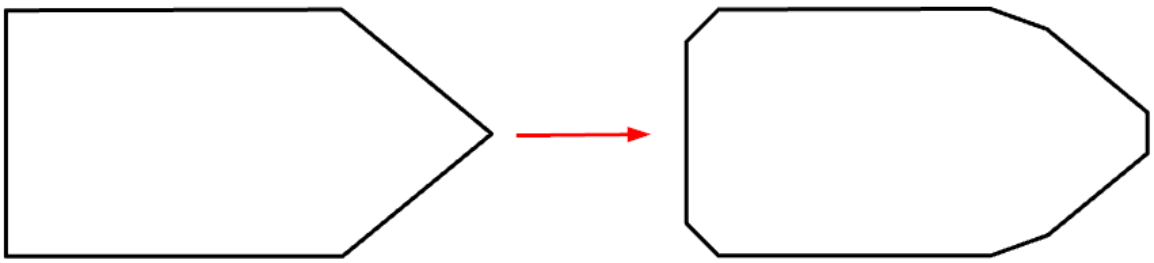
This command allows you to quickly outline a polyline with a specified width. Simply select the polyline and choose whether or not to delete the original.



Group chamfer of polylines

fazujpolilinie

This command allows you to chamfer an entire polyline between segments with a specified radius. Once the command is activated, simply select the polyline and press Enter.

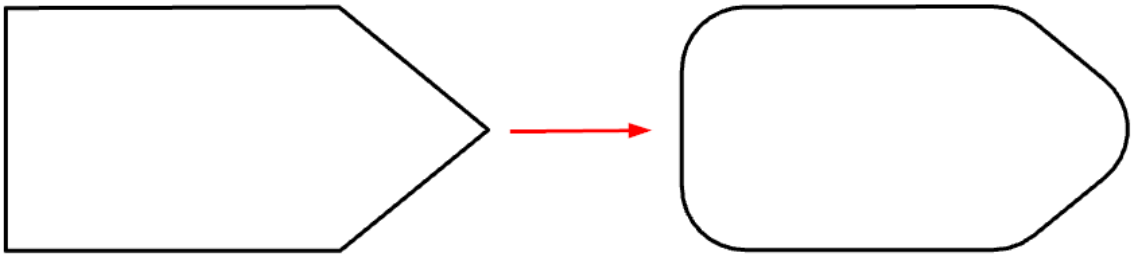


The fillet radius is automatically taken from the CHAMFER function..

Group fillet of polylines

zaokraglijpolilinie

This command allows you to fillet an entire polyline between segments with a specified radius. Once the command is activated, simply select the polyline and press Enter.

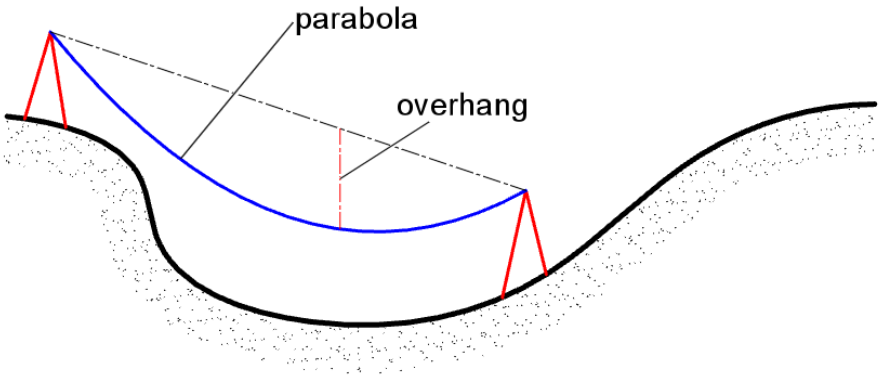


The rounding radius is automatically taken from the FILLET function.

Parabola

parabola

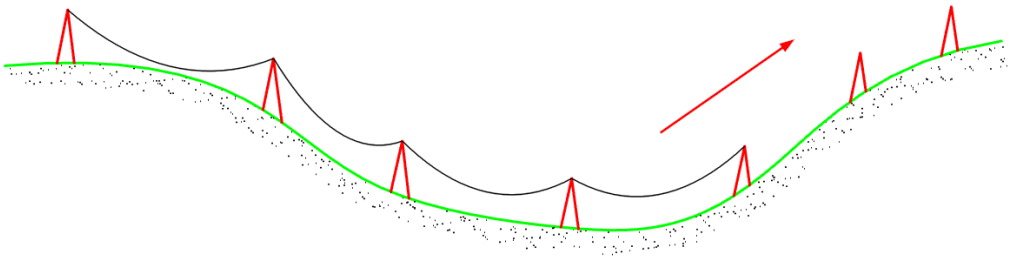
This command allows you to draw a parabola between two specified points, taking into account the specified overhang. The overhang is measured vertically downwards halfway along the line segment connecting the ends of the parabola. To do this, select the vertices and then specify the maximum height of the parabola by selecting two points.



Parabolas

parabole

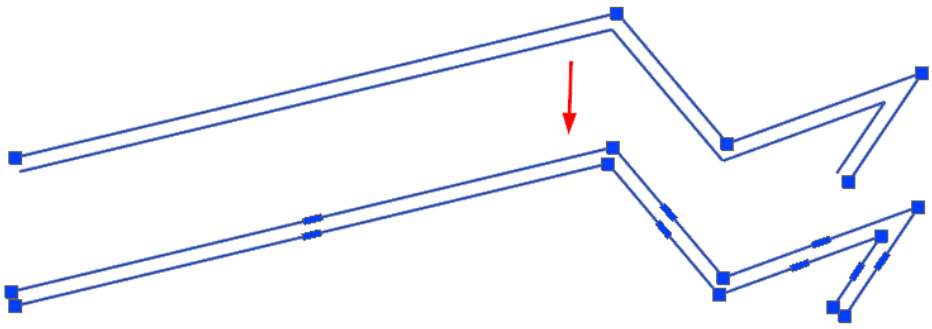
This command draws parabolas between the specified points, taking into account the specified overhang. First, set the maximum height, then specify the subsequent vertices one by one until the command is complete.



Change multiline to polyline

zamienmultilinienapolilinie

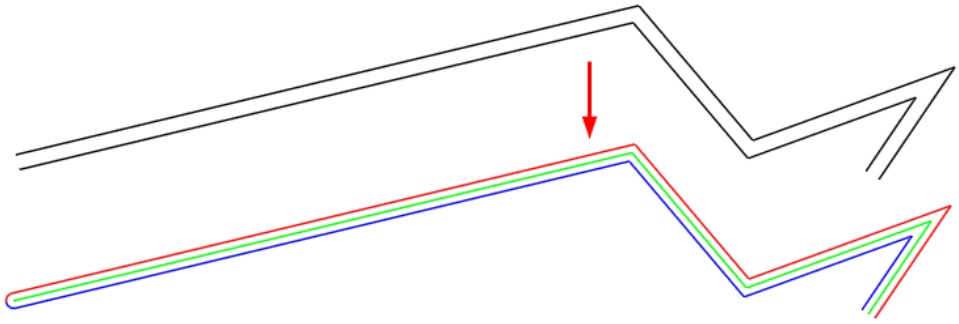
This feature allows you to convert a multiline into a polyline with a single click. Simply select the multiline you want to split, and you’re done.



Change style of existing multiline

zmianastylumultilinii

This function allows you to change the style of an existing multiline. Run the command, select the multiline, and choose a new style from the pop-up window. You can create a new style beforehand using the MLSTYLE command.



Dimension management

Distance between specified points

mdist

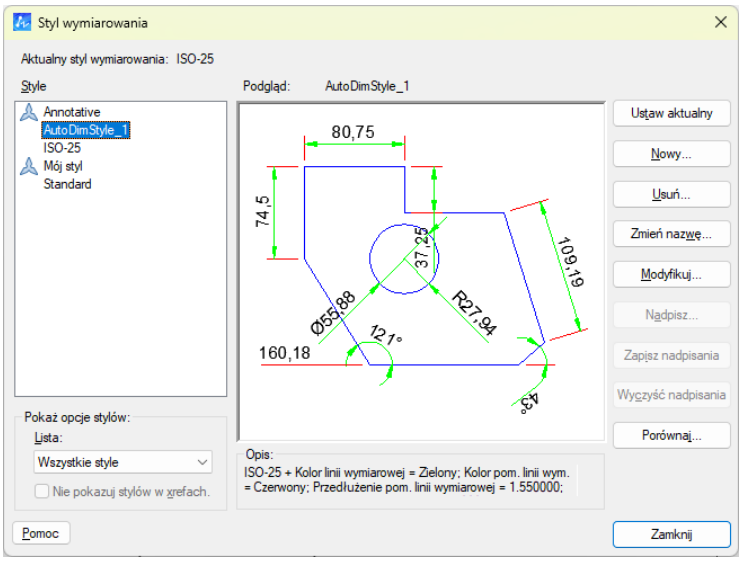
This command displays the distance between the specified points on the command line.

```
Polecenie: mdist
Wskaż punkt
 Suma długości wynosi: 659.6301
 Suma długości wynosi: 887.4672*Anuluj*
```

New dimension style based on specified example

DimStyleByExample

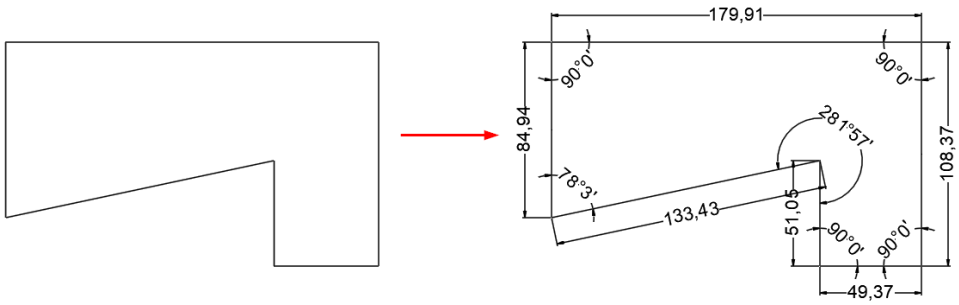
This function creates a new dimension style based on the selected dimension in the drawing. It'll be visible once the dimension style has been applied using the DIMSTYLE command.



Automatic dimensioning of a closed polyline

wymiarujpolilinie

This feature allows you to quickly add dimensions to a selected closed polyline. Simply run the command, select the object, enter the height relative to the scale, and you're done.



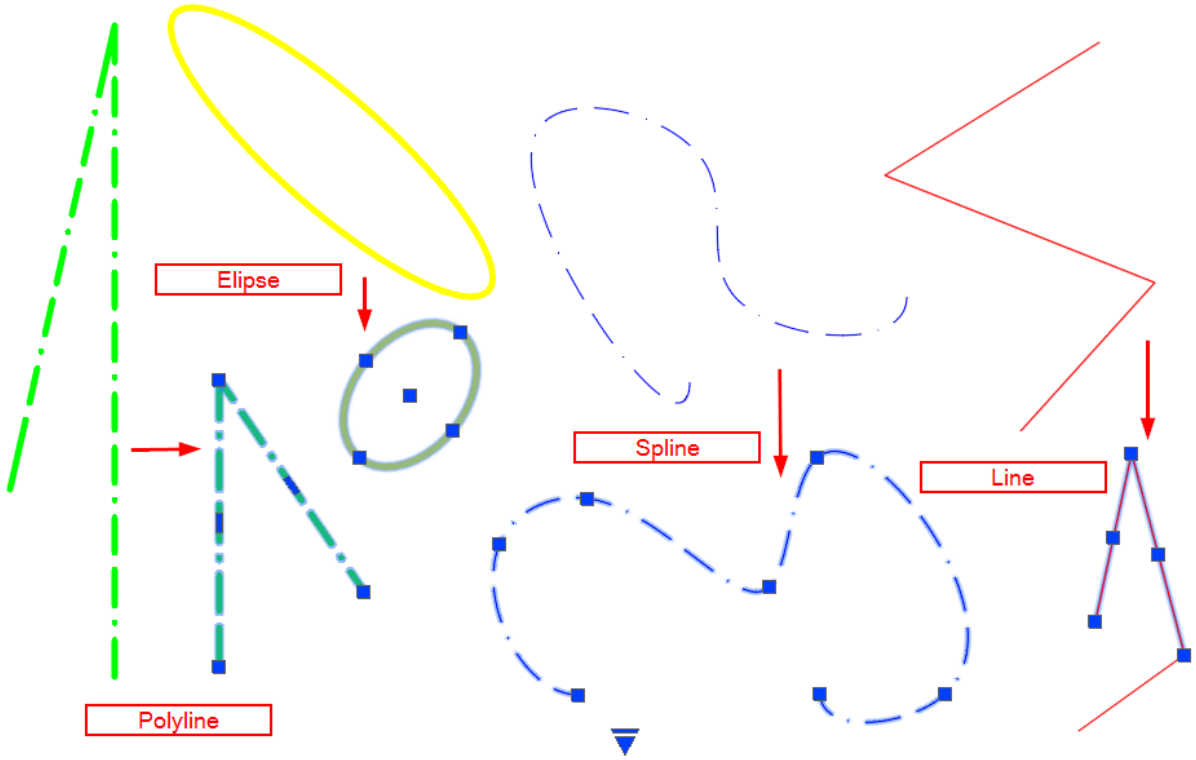
The function will create two layers for this purpose (one for linear dimensions and one for angular dimensions), which can be freely adjusted.

Other tools

A new object with the properties of the selected one

addselected

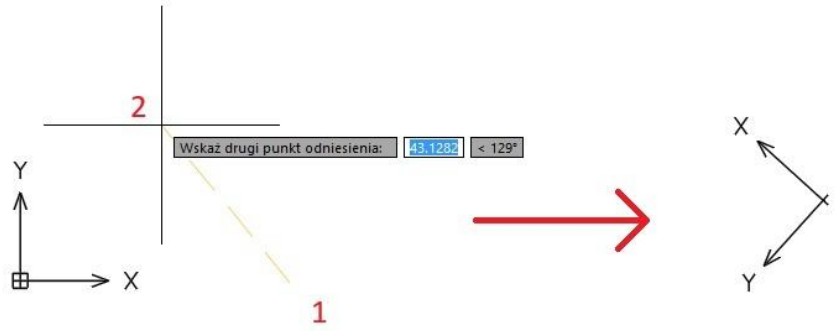
This function allows you to draw a new object whilst copying the properties of the selected one. This means that properties such as line width, colour and layer, as well as the object type, will be transferred. Simply run the command, select the source object and start drawing.



Rotate UCS by a specified angle

ucsz

This function is used to rotate the coordinate system by a specified angle. To do this, simply select two points and the UCS will be rotated.

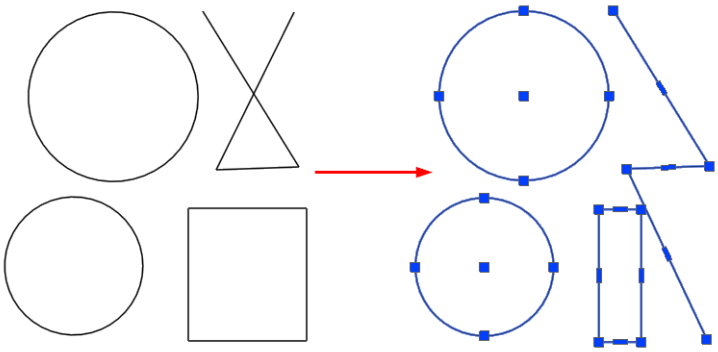


Select previous selection set

pselect

This function allows you to select objects you have previously worked on. When you run the command, the most recently used objects will be highlighted. You can then select additional objects or confirm your selection by pressing Enter, and they'll be selected. If you run the

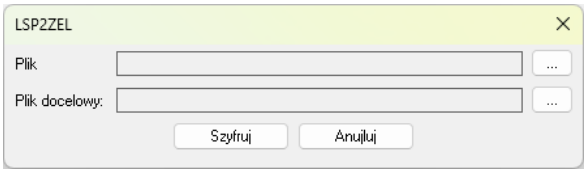
function while objects are already selected, pressing Enter will save them until the next set of objects is used.



Encrypt a LISP file

szyfrujlisp

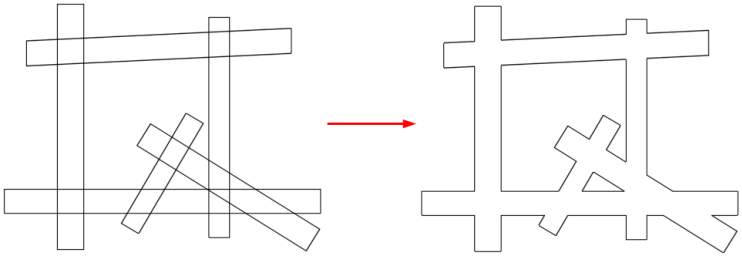
This command allows you to compile a LISP script into the .zel format. Such a file can be run in ZWCAD, but its source code isn't visible. To do this, run the command and, in the window that opens, specify the source file and the destination file..



Remove polyline intersections

UsunPrzecieciaPolilinii

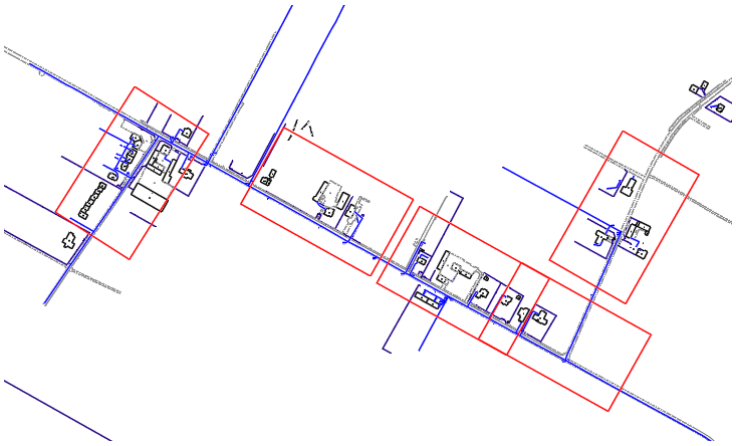
This function creates a outline of the selected objects, removing any intersecting lines in the process. Select the objects and press Enter to confirm.



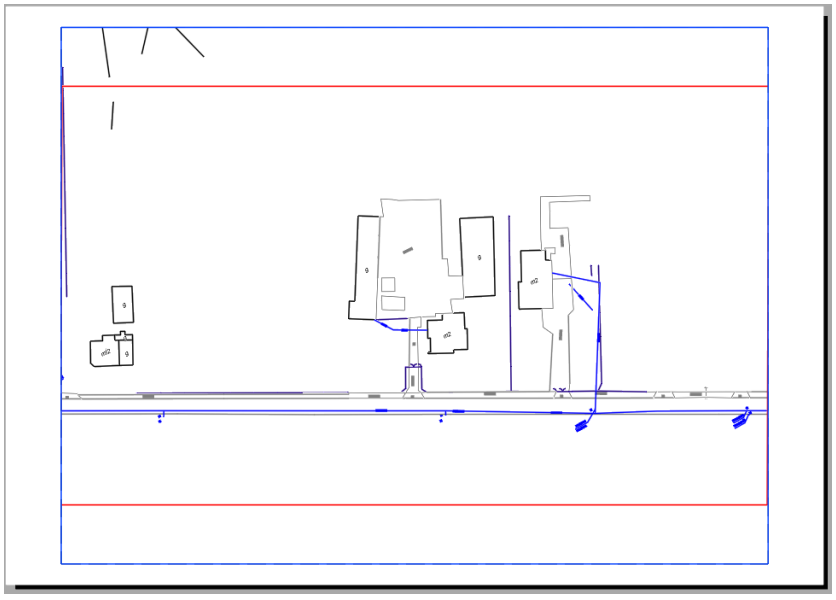
Layout to model

Polecenie: *ww*

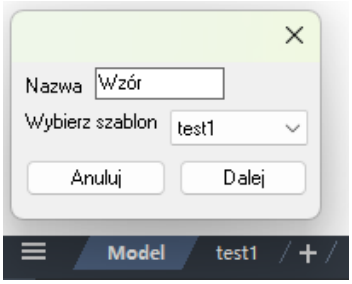
This command allows you to create sheets according to a layout. The viewports will be aligned, rotated, scaled, etc., based on the original.



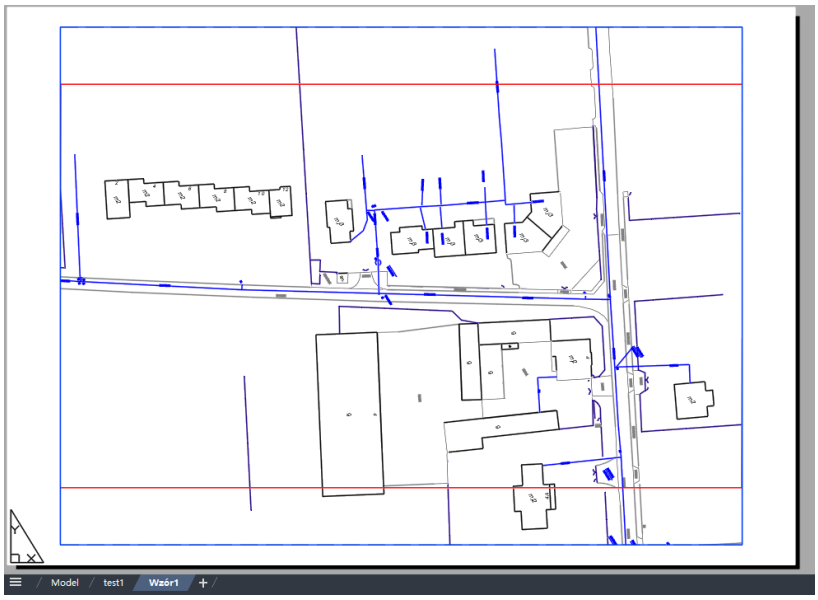
The red objects are a guide to help you create new views. The first sheet has been prepared and will serve as a template.



You should now run the command and select a template from the menu:



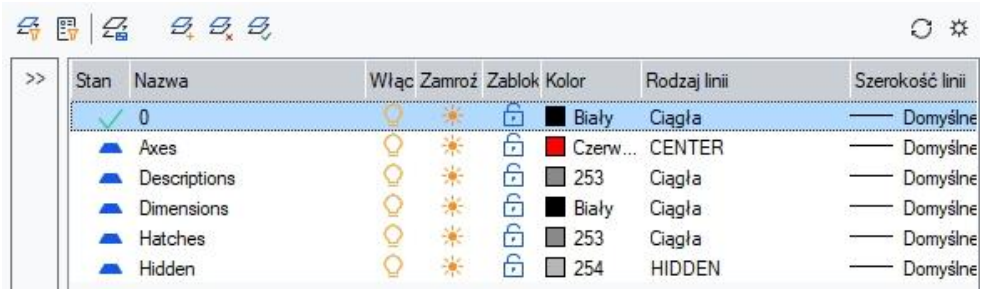
Next, select the object; you can use the guide rectangles here. A new layout will be created, named according to the pattern.



Set of layers

lstart

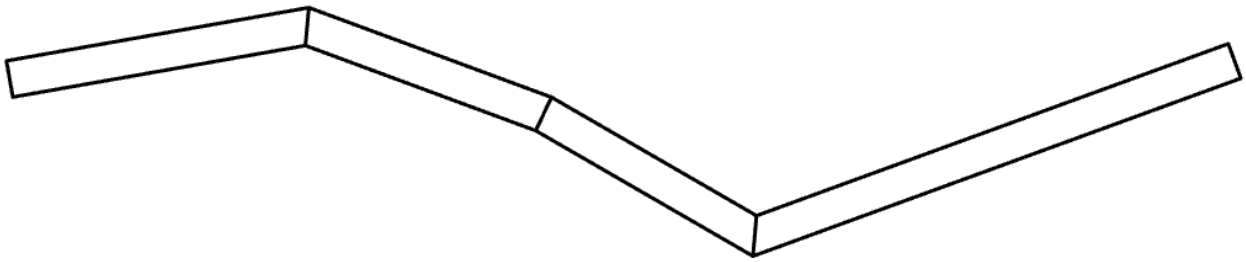
This command creates a set of layers in the drawing:



Switch filling of polyline

Polecenie: *zz*

This command allows you to change the fill pattern of a polyline by adjusting the FILLMODE variable. When FILLMODE is set to 0, a wide polyline looks like this:



And this is what it looks like when switched to 1:

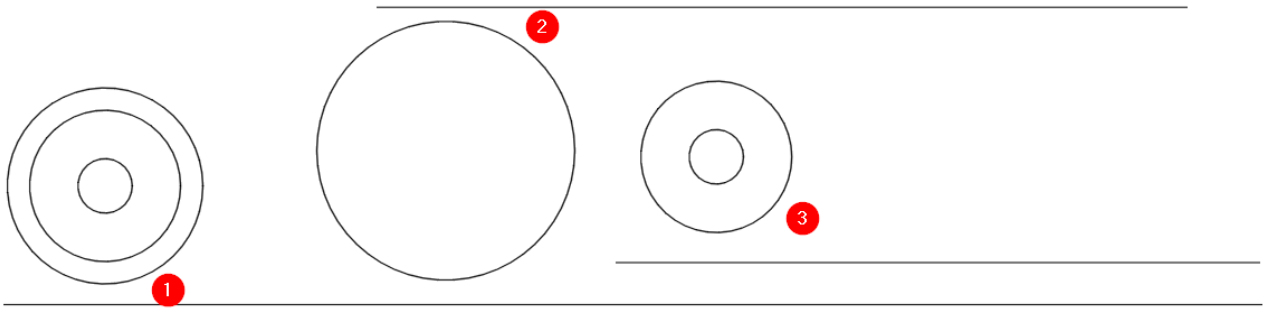


It's worth bearing in mind that the changes may only become visible after refreshing the drawing using the REGEN command.

Line from the sum of lengths

 *LiniaZSumyDlugosci*

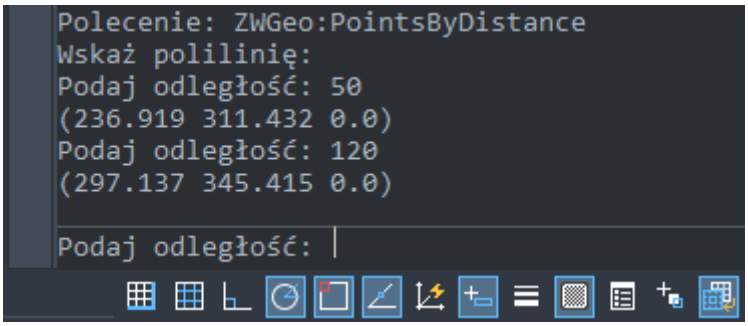
This function draws a line as long as selected object or group of objects. Run the command, select the objects, press Enter to confirm, and specify where the line should be drawn.



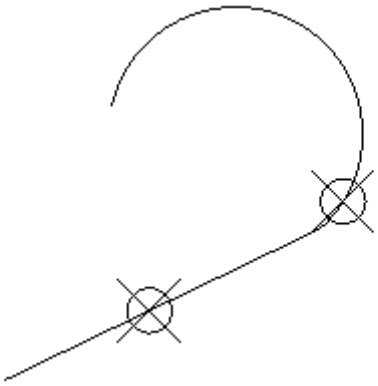
Place points on a polyline

PunktyNaPolilinii

This function allows you to easily insert points along an existing polyline. To do this, run the command and then select the polyline. A prompt asking for the desired distance will appear in the command line.



Once you have entered the distance, a point will be placed at the specified distance along the drawn polyline, and its coordinates will be displayed in the command line.



You can then type further points.

ZWBoostPack

Activate

Polecenie: *ZWBOOSTPACK:ACTIVATE*

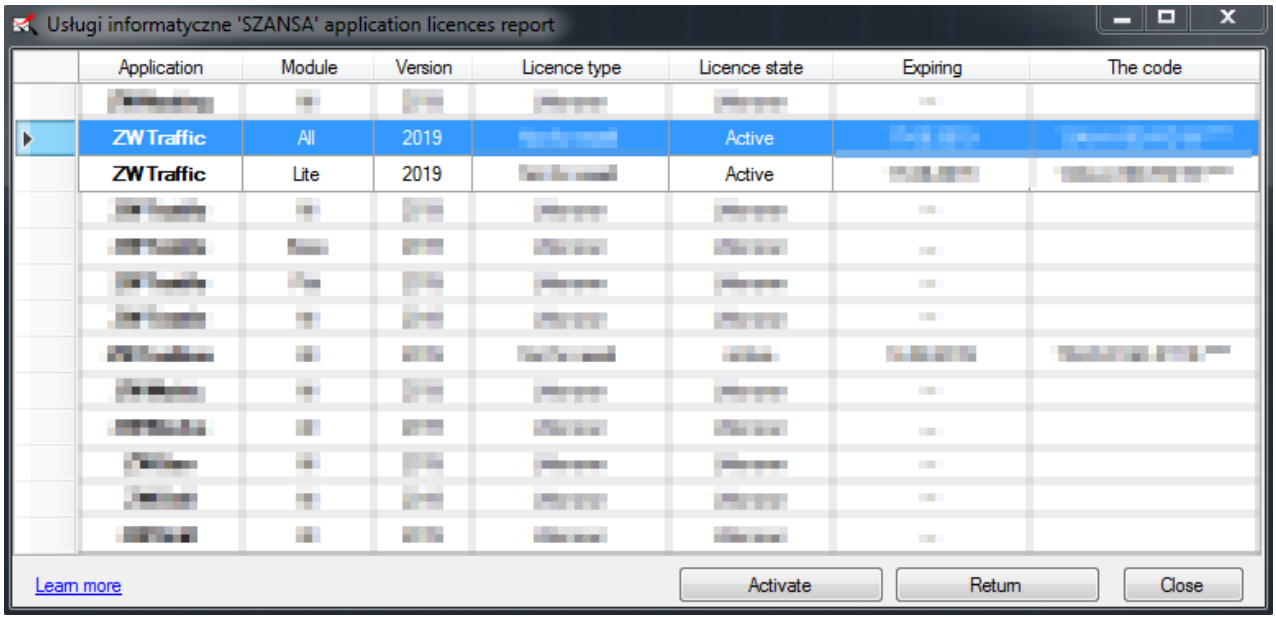
A trial period that lasts for 30 days with full functionality is available after installation of the application.

Activation must be completed on an account with administrative privileges.

Once the trial period of 30 days runs out, a licence will be needed in order to use the program. After receiving the payment, an e-mail with an activation code will be sent. Activation is available directly in ZWCAD or by using the function Activation from menu of the application. It is also possible to activate the program from its installation folder. By default located in: **C:\Szansa\Aktywator\2026\EN** and run **Aktywator_2026.exe.**

In operating systems such as Windows Vista, Windows 7, Windows 8 and Windows 10 it is necessary to right click on ZWCAD icon and select Run as Administrator.

Full licence code is only visible on the licence certificate that is sent out during completion of the order due to security reasons. Once Activator has been launched, the following window will be displayed:



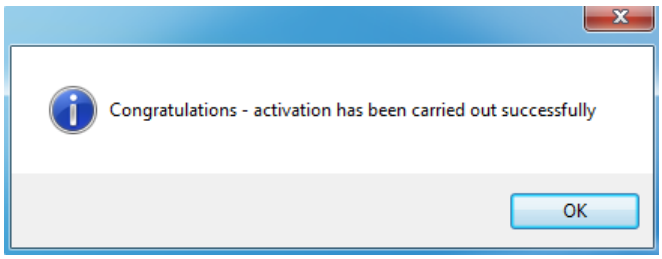
Please click on **Activate**.

A choice between activating the application online or offline will be present.

Online activation

In the field **Activation code** please type in the information sent during realization of the order, afterwards click on **Activate**.

An information window will pop up confirming the activation.

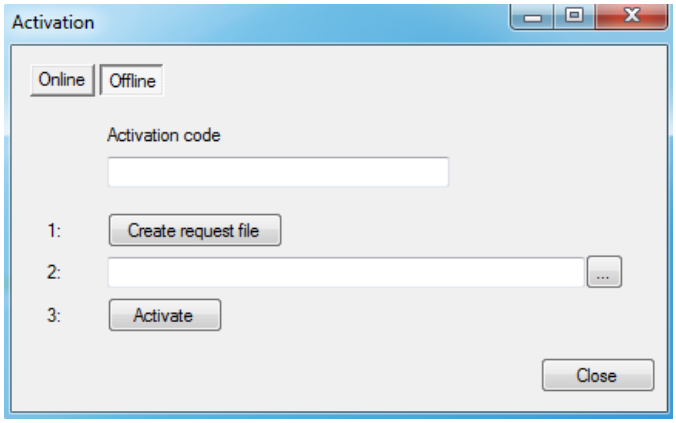


Once ZWCAD is launched, all functions of the program should be loaded and available.

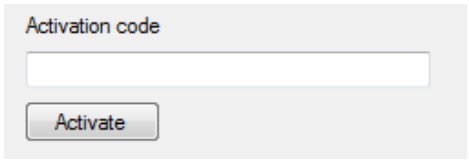
Offline activation

In the **Offline** tab 

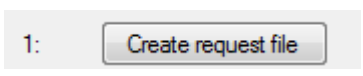
additional steps are required to complete the activation.



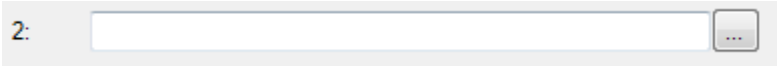
In the field **Activation code** please type in the information sent during realization of the order.



Afterwards it is necessary to click on Create a request file, it will create an additional file which needs to be saved on the desktop or in any other directory of the computer.



The file needs to be sent in a form of an attachment to, pomoc@zwcad.pl and a reply will consist of response file which then needs to be loaded in the activator:

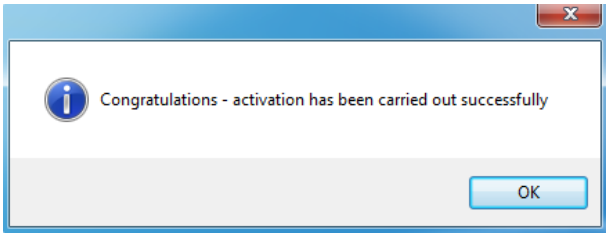


Response file needs to be saved on the computer and its localization needs to be determined by clicking on the following icon .

Once the response file is loaded, click on **Activate**.



An information window will pop up confirming the activation.



Once ZWCAD is launched, all functions of the program should be loaded and available.