

# Product Name

## Triangulation

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### Description

**It is an AutoLisp function for the triangulation of a set of points.**

Loading in AutoCAD is done with the APPLOAD command and then selecting the "triang.lsp" file.

Beforehand, a DWG file with POINT entities must be opened.

Type then in AutoCAD or IntelICAD: TRIANG and then select the points.

The program will generate triangular 3DFACE entities, on the convex hull of the set of points.

There is no point limit, and the triangulation time depends on the power of the computer.

The triangles will be in the "triang" layer.

You also have a VLX executable that you can load as well.

You can also generate VLX in AutoCAD. It works faster than if you upload the LSP file.

For BricsCAD you have the equivalent DES executable.

### Limitations

Does not exist.

### Design Details

Settings in Visual Lisp (Tools, Window Attributes, Configure Current):

- Tab width 3
- Left margin 0

### Logical View

It's not necessary.

## **Process View**

Is not the case.

## **External Sources**

Can be used in AutoCAD or programs based on IntelliCAD (such as BricsCAD, ProgeCAD, ActCAD, ZWCAD, etc.).

## **Deployment**

Loading in AutoCAD is done with the APPLOAD command and then selecting the " triang.lsp " file.

## **Server installation**

Is not the case.