DeltaPi

An architect won over to technology | is lost to freedom

DeltaPi is architectural CAD software which gives you the freedom you need. No-nonsense software developed by building engineers based on their knowledge of the modern architectural firm. Software that proves its value in daily practice.

Cost reduction is pure profit. I

Benefit from the value of a fast and efficient workflow.

The yield of the drawing room often receives little attention. Which is a mistake. Where deadlines are all-important, speed and efficiency make all the difference. For many architectural firms this is an important reason for working with DeltaPi. The software was developed by building engineers for building engineers, which is why its functionality is perfectly attuned to the daily practice of building engineers.

Drawing setup

The drawing setup gives each part of the drawing its own appearance. You can define the drawing environment, such as scale, hatching, layers, paper format and type of title blocks. You can also use setup to vary the appearance or scale of part of the drawing. This principle also allows you to fully automate the plotting process.

- **Drawings list**

The drawings list determines the contents of the title blocks. This list is compiled through the drawing setup, which will ensure that the drawing list is correct. Thus forming the basis for a well thought-out working method.

- **Drawings administration**

All relevant information relating to drawings of a specific project is stored in the drawings administration. This includes: drawing name, page number, component, draughtsman, date, stage and modifications. This mechanism enables quick retrieval of the correct drawings, but also contributes to a consistent working method. The fields used and the format of the drawings list are, of course, up to you to decide.

- **Exporting**

The drawings list can be exported to Excel or to another AutoCAD drawing. Hyperlinks in the Excel file allow you to open the drawing directly from Excel.

Plotting

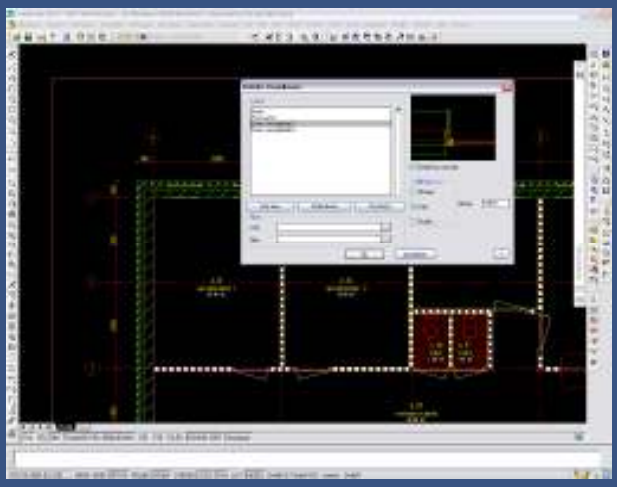
Various plot commands facilitate a draughtsman's life. You decide what you plot: a group of drawings, a group of layouts or a specific area. Combined with the automatic drawing setup, these commands ensure use of the correct layers, provide correct title blocks, current blocks and drawings. You can even fully automate the plot process.

- **Methodology**

The plotting methodology of DeltaPi has been developed based on the practice of prestigious architectural firms. The application thus forms a solid basis for quality assurance in the drawing room. This results in considerable time savings, while risks are kept to a minimum.

- **Administration**

With DeltaPi, the plotting process can be fully automated, including the relevant administration. Monthly overviews of plots can be created, for instance, together with the cumulative costs per drawing number.



Creativity cannot be hemmed in. |

You decide what you draw. And how.

An architect's creativity is a firm's raison d'étre. Clients choose a particular firm on the basis of this creativity. Corporate culture is consequently imbued with creativity. It stands to reason, therefore, that you choose CAD software that facilitates the translation of that creativity to the furthest extent possible. Software that allows draughtsmen to make architectural decisions.

Walls
The slab mechanism in DeltaPi allows you to draw walls with ease and speed. Although the flexibility of the slabs leads you to believe otherwise: these walls remain polylines. They can be freely formed at any time, without affecting the direction-dependent hatching.

Frames
You will need various views of frames (plan, section and elevation). This is achieved in DeltaPi with the grouping mechanism of composite blocks. The frame type defines the nature and profile of a frame.

Stairs
With the stairs routine, stairs can be drawn in 2D as well as in 3D, based on the projection of the stringers on the base area. The position of the walking line can be influenced per section, as well as the balancing over the stringers, enabling a correct tread run.

2D/3D
DeltaPi uses the structural plan as a basis. The emphasis is thus on speed and 2D representation. You can also draw each building element in 3D: these representations are on a separate layer.

Nodes
The points of contact of building elements are defined by nodes: a principle detail available as a DeltaPi block in the desk library or the project library. The special feature of a node is that it can also be replaced in exploded form.

Working together makes all the difference. |

Share your files with others. Multidisciplinary.

Working together with others in the building chain is essential for an architect. Not only documents but also digital files are handed over to third parties. It is important to know that DeltaPi applies the industry standard DWG. In addition, multidisciplinary coordination is possible due to the layer and command structure: layers can be combined in groups as well as per discipline.

Layers
Every drawing can be built up of various layers, which can be made visible independently of each other. The layer structure is in accordance with the GB CAD system of agreements; the layer you draw on determines the characteristics of the building element.

Construction
As each building discipline has its own layers, this facilitates working together with a structural engineer. Combined with a number of construction routines within DeltaPi, the layer structure is a powerful tool that optimizes multidisciplinary cooperation.

Comparing drawings
From the moment drawings are exchanged, it is important to keep track of the differences between versions of drawings. In DeltaPi, two drawings can be placed on top of each other: identical parts are dark grey, differences are shown in colour.

Quality is a shared responsibility. I

Reusing information. Standardized and structured.

Complex projects in particular require high quality standards. Every self-respecting architect pursues quality. DeltaPi provides a sold basis for quality assurance in the drawing room. Files are organized in the desk and project libraries; settings are controlled by profiles.

Project library
DeltaPi creates a project library as soon as you start a drawing. All drawings that refer to a project library have access to the blocks in this library.

Desk library
Library elements that deserve a desk-wide application are placed in the desk library. Over time the importance of this library increases: it forms the heart of the drawing room and lays the foundation for efficient performance.

Profiles
The settings of a project are controlled by the centrally-controlled project profile. These settings relate to the appearance of the drawing, the title blocks, the libraries and the plot options. This profile can be changed at any time; in addition, a specific profile can be created for each layout.

For more information, visit www.deltapi.com or contact us: sales@deltapi.com.