



## CAD & Grading

With CAD in the fast lane!

### YOUR BUSINESS FIRST

#### Competitive advantages with CAD

Nothing is done in pattern construction nowadays without CAD. Cad.Assyst 2013 offers you market-leading work efficiency in construction. And you can create completely new advantages regarding speed and costs - CAD management, cooperation, automation and system integration. These are the new major tasks of the future for your CAD system.

Even seasoned professionals can construct up to 20% faster from Version 20.13. Thanks to Smart.Guide technology and automation in Smart.Pattern, the workload of your pattern makers in development is significantly lightened. At the same time, Smart.Pattern leads to company and partner-wide standardization - in lining construction, for example, or routine adaptations during grading. However, to really develop seamlessly, you must be able to use all the data throughout the whole process... and here too, Cad.Assyst offers you exciting new opportunities.

Your advantages

- > uniform standards and routine task relief, thanks to automation
- > decentralized access to centralized CAD data
- > availability of CAD pattern data throughout the entire development process

### INTEGRATED SYSTEM SOLUTION

#### Decentralized access

Cad.Assyst also gives you yet another first - decentralized access to your CAD databases. With Cad.Assyst, you'll make sure that your cut files stay intact, even when they are remotely opened. All data is made available with dependencies and with the preset configuration. Only loading and saving procedures take place via the central network link, all other work within Cad.Assyst is independent of the bandwidth of the central link.

#### Integration with product data management

Cad.Assyst can be wholly integrated with PLM GoLive. This not only applies to the open pattern data, but also to every workflow in pattern construction - and these workflows can also be controlled via Assyst's PLM system. Cad.Assyst is also closely linked with iSize and Vidya.

#### Adaptation of sizes systems

Cad.Assyst takes optimized sizes tables from iSize. Alterations to be made throughout all the sizes can also be done by means of macros in Smart Pattern - in much less time than usual.

### INNOVATIVE TECHNOLOGY IN CAD.ASSYST

#### Smart.Guide

Cad.Assyst 20.13 combines intelligent design aids to form a universal concept. For example - elements can be automatically anchored thanks to the new constraint technology - and context-sensitive menus offer you the right functions for the other work steps ... and that saves you a lot of time.

#### Interaction with 3D

Cad.Assyst and Vidya are growing ever-closer together. For example: During sewing of the 3D model, there is a 3D preview in 2D CAD for verifying piece positioning.

#### Remote.Context

Don't let the digital flow of data with Cad.Assyst. With Remote.Context, teams can enjoy cross-site cooperation and mobile workplaces can get fast access to centralized data.



Illustration 1: Remote.Context

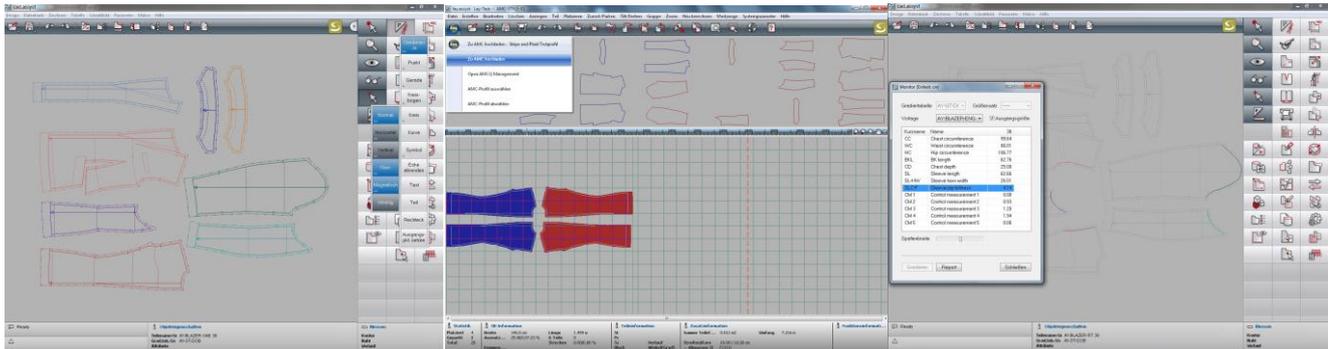


Illustration 2: CAD GUI

Illustration 3: LAY GUI

Illustration 4: Smart Measure Monitor

## Dynamic Frame

The Dynamic Frame Concept is new in Cad.Assyst 20.13. It makes it easier for all users to access the powerful macro library. In a user menu on the left-hand side of the program, for example, you can individually manage your important functions and content such as Smart.Pattern macros. Now your favorites can be sorted by category, displayed and selected. And outside of the favorites list, you can use the intelligent text search in the Dynamic Frame Concept to find every macro that exists in your business – all the macros pertaining to linings, for instance.

## Smart.Label

The new Smart.Label function helps Cad.Assyst to develop into an “intelligent pattern”. All the elements in the CAD pattern, like lines, points and notches can be labeled with additional information. In this way, several lines can be converted into a specific seam or pattern area, like the waist, for instance. This technology is used in Smart.Placement, Smart.Measure, Smart.Pattern and in interaction with Vidya.

## Lay.Assyst

Load a marker for manual laying in Lay.Assyst, exclude individual pieces or whole groups from the laying procedure (or only from matching), then have the pieces placed with just a click on Automarker.com or through Automatic.Placement. Several markers can also be sent to Automarker and groups can be pre-positioned and then optionally fused – or flexibly positioned as a whole group, then placed by means of the algorithm. New in 2013: Marker parameters can be easily changed - styles, for example, can be replaced. And you can add or remove sizes.

## Sewing-compatible laying (Smart.Placement)

Thanks to Smart.Label, the incorporation of structural specifications can be directly transferred from CAD to Automarker.com. This means that the pattern defines important laying parameters for Automarker by Assyst, like for example “Lay this side of the pant on the border.” This brings the CAD software and the laying service by Assyst even closer together.

## WORKING WITH CAD.ASSYST

### Modern user interface

Cad.Assyst, Lay.Assyst and most of the applications in Cad.Assyst’s environment have a new look in Version 20.13. This involves not just contemporary appeal and appearance, but concrete time savings by means of more efficient and simpler operation.

### Smart Measure

The Smart Measure monitor images measuring tracks live. Every effect an alteration to your pattern has on the dimensions is immediately imaged - even throughout the entire set of sizes – and this can be output as sizetables. If alterations to the products are made, these tables are automatically updated.

### Smart Label macros

Smart Pattern also uses the new Smart.Label function for new macro commands and macros. This opens up a new dimension in automation. So you can directly address the waist, for example, just by using the macro – and without any interaction on your part. Or grading can be directly influenced by Smart.Label.

## EASIER ADMINISTRATION

### Easy-2-install

Cad.Assyst is very easy to maintain. Upon request, companies with specialized IT departments can now carry out many expansion and upgrade projects by themselves. This can be especially rewarding with large systems in particular.

### Data conversion

As early as the 20.11 release, the data transfer option was significantly expanded. Investronica exp data can now be directly transferred (all releases). Cad.Assyst also exports data straight into Gerber accumark (Release 7/Release 8 in the pipeline).

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