NedGraphics

BY NEDSENSE

HOME DESIGN

Manufacturing, Furniture, Industrial Fabrics,
Automotive & Transportation

ABOUT Ned**Graphics**

In the last 30 years NedGraphics has build up an impressive track record of developing and producing software solutions for the fashion and textile industry.

NedGraphics serves more than 3.500 customers through a global network of over 42 resellers and agents. Its 12 offices are ideally located in the leading textile, fashion and production centers of the world. To enhance and preserve its dominant market position NedGraphics continues to invest in its highly qualified staff, market research, and product development.

The corporate philosophy and professional approach of NedGraphics ensures a close working relationship with the finest designers and manufacturers by offering them solutions which are of the highest level of functionality.

NedGraphics enables its clients to improve their sales through minimizing "time to market", optimizing product development flow and reducing sampling costs. Each software solution is offered in a fully integrated modular system to guarantee the current and future operational performance.

NedGraphics, is a wholly owned subsidiary of NedSense enterprises n.v.
NedSense is listed on NYSE Euronext Amsterdam [NEDSE].

More information on www.nedgraphics.com and www.nedsense.com

Ned**Graphics** WORLDWIDE

NedGraphics Offices
Agents & Resellers

UK
THE NETHERLANDS
BELGIUM
ROMANIA
FRANCE 2X
ITALY
TURKEY
NEW YORK, NY
CHARLOTTE, NC
CHATTANOOGA, TN
SHANGHAI

FOREWORD

Dear valued customer,

NedGraphics welcomes you into a world full of software solutions for the **Textile**, **Fashion**, **Home**, **Retail** and **Floor Covering** industry.

In this booklet you will find an overview of products that will help you to optimize business processes:

- **Design & Creation**
- **Workflow Optimization & Integration**
- **Production Interfacing & Virtual Sampling**
- **Marketing, Presentation & Sales**

NedGraphics highest priorities are to continuously improve our products, and to provide the best service to our customers. The growth of our client list is evidence that companies increasingly find successful solutions from NedGraphics.

Your company can also experience the benefits from our wide array of solutions.

Please do not hesitate to contact us should you require information, demonstrations or advice on what NedGraphics has to offer in order for your organisation to achieve it's goals.

The Worldwide NedGraphics Team.

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HOME MARKET INDUSTRY - NedGraphics

HOME DESIGN

One of the biggest markets in the world is the one of home textiles. Textiles are used in many different areas of your daily life. Towels, curtains, furnishing fabrics and even the fabric covering the seats of your car, are designed and produced with the help of NedGraphics software. With 30 years of experience in the market, Nedgraphics is more knowledgable than any other supplier and offers it's customers the best solutions for success.

With pride we can claim that NedGraphics is the market leader when it comes to software for Home Furnishings. Many major producers of Home Furnishing fabrics rely on our software solutions for their day to day operations. NedGraphics is the only software company for the textile industry in the world that has the knowledge and the means to ensure that your production processes run smoothly, whether it has to do with your design process or the actual weaving or printing process. NedGraphics has a solution that will fit your requirements.

NedGraphics SOLUTION OVERVIEW

The following table helps you to find the NedGraphics solutions which suites you the best.

Design & Creation Solutions	Texcelle Dobby Pro True Coloring Printing Studio Suite Design Workshop Evolution Print Vision Raschel	
Workflow Optimization & Integration Solutions	DesignCOM	X-Rite color management solutions
Production Interfacing & Virtual Sampling Solutions	Jacquard Pro Dobby Pro Printing Studio Suite WeaveGate True Coloring Evolution Print Vision Raschel	
Marketing, Presentation & Sales Solutions	Storyboard & Cataloging Pro True Coloring Easy Map Suite DesignCOM Reporting Enterprise LOFT.™	

CUSTOMER REFERENCES LIST FOR HOME FURNISHING

Abo El Sebaa- Egypt

Atretis- Morocco

Basseti- Italy

Bentex Mills- USA

Bharat Silks- India

Biberna- Germany

Boyteks Tekstil- Turkey

Canepa- Italy

Coelima SA- Portugal

Concordia- Belgium

Craftex Mills- USA

Croscill- USA

Delius GmbH- Germany

Eduardo Bernabeu- Spain

Elvin Tekstil- Turkey

Fussenegger Heimtextilien- Germany

Gaudium- the Netherlands

Goldsun- China

Himatsingka- India

J. van den Acker BV- the Netherlands

Julien Faure- France

Lantal Textiles- Switzerland

Limonta- Italy

Martinelli Ginetto- Italy

Masureel – Belgium

Milliken & Co.- USA

Mulberry Silks- India

Mundotextil SA- Portugal

P/Kaufmann- USA

Pendelton Woolen Mills- USA

Penelope- Turkey

Ragolle- Belgium

Rubelli- Italy

Santens- Belgium

Sheridan- Australia

Springs Global- USA

Vijayeswari Textiles Ltd- India

Texathenea S.A.- Spain

Tissage De Kalken- Belgium

Tisseray- France

Tissus d'Avesnieres- France

Togonal- France

Towellors-Pakistan

Vanelli Tekstil- Turkey

Velvetex- Morocco

Well Spun- India

West Point Global- USA

Zenith Exports- India

Zephyr – Pakistan

and many more...

NedGraphics CUSTOMERS REFERENCES

Mega Tekstil San. ve Tic. Ltd.
Division of Turkun Holding
Home Furnishings: Upholstery, curtains, table linens, and bedding fabrics
Bursa, Turkey
www.turkunholding.com

Mega Tekstil San is considered to be one of the top divisions of the Turkun Holding. In Turkey, Mega Tekstil has a leading position within the market of home furnishings and textile fabrics. Exporting is what makes Mega successful, as most of their goods are sold outside Turkey.

"Before we starting working with NedGraphics Software Solutions, we were working with Sophis that didn't supply us with any technical support, services or new developments. We experienced software bugs and system failures and from the start these programs were impracticable. It had been a disaster for our production. After attending the demonstration, our design team was extremely excited and interested to see how NedGraphics software would help our production proceses. We decided then to choose the long-term, high-quality solution and started to work with NedGraphics software. Personalized training and excellent customer service has resulted in fewer mistakes, quicker design turn around and enhanced performance within our Research and Development (R&D) team Currently, we use 10 various NedGraphics programs! Thank you NedGraphics for providing exceptional solutions and professional support."

Lami Tumay,
General Manager

Rubelli SPA
Home Interior, Upholstery
Venezia, Italy
www.rubelli.com

Based in Venice, Rubelli is one of the most important companies worldwide in the market of high-end upholstery fabrics. Rubelli uses DesignCOM, Texcelle, Jacquard Pro and WeaveGate as NedGraphics solutions to fit their requirements.

"We have always needed powerful tools to design and manufacture sophisticated fabrics. NedGraphics is the producer of one of the most advanced and complete packages in its field, worldwide."

Mr. Andrea Favaretto Rubelli,
Managing Director Rubelli

Himatsingka Seide Ltd.
Silk fabrics Bangalore, India
www.himatsingka.com

Himatsingka's quest for quality extends to its suppliers, to whom they set the highest standards. Design and product development are crucial for their success. For more than two decades Himatsingka has been working with NedGraphics CAD/CAM systems.

"As innovative as we are in textiles, NedGraphics has shown the same spirit in software development. Even our highest density silks and technically most intricate fabrics are easily facilitated by the NedGraphics software such as Texcelle and Jacquard Pro."

Mr. Mohan Rao,
President Group Operations

Abo El Sebaa
Beach and kitchen towels Mehalla El Kubra, Egypt
www.aboelsebaa.com

Egypt's leading terry and kitchen towel producer Abo El Sebaa caters to the world's leading retailers. The company is based in Mehalla El Kubra in Egypt.

"NedGraphics has been with us for more than 8 years. Our mill has expanded tremendously; we grew substantially from 10 to 200 looms. Abo El Sebaa has managed to keep its creative edge by adding additional NedGraphics stations. These provide us with all we need to provide our customers with the creative answers they require. We have tried other systems but with the ease of use and simulation power offered by Texcelle & Jacquard Pro there really is no alternative."

Eng. Ismail Ismail Hussien,
Managing Director

TEXCELLE FOR HOME DESIGN
The Ultimate Creative Jacquard Design Software.

Texcelle is perfectly suited the needs for home and Jacquard designs. Its rich function set provides all a designer needs to create; starting from scratch, restyling existing designs or manipulating scanned material.

TexFlash

Texcelle

Texcelle DesignCom

Texcelle Pro

NedGraphics has developed 4 kinds of Texcelle modules.

- **TexFlash:** (a 32-bit version) is a light version of Texcelle that comes with an attractive price tag, ideal for starters.

- **Texcelle:** (a 32-bit version) is the ultimate creative design software, complete with all functionalities you need to create designs, recolorings, simulations for sales and marketing materials. This is our most sold solution of the Texcelle family.

- **Texcelle for DesignCom:** This is a special version of Texcelle. Designs can only be loaded/stored from within the DesignCOM database.

- **Texcelle Pro:** (a 64-bit version) offers contract designers or any other designer the possibility to work with very large designs. Texcelle Pro supports huge files limited only by the amount of memory in your PC.

NEW
64 Bit

Texcelle is extremely easy to use. Free hand drawing, scaling, geometric shapes, gradients, motifs, the most complex repeats, you name it Texcelle does it. Every year enhancements are made to optimize Texcelle, according to designers' wishes and requirements.

Texcelle is tailored to design, scale and develop products within the restrictions set by production machinery, but also allows you to recolor finished products or simulations for sales presentations and marketing material.

Archiving design material has never been easier with the direct link to DesignCOM; saving and loading designs with just a single click! Extra information such as collection, designer name can be added each time when you save. This makes future retrieval and sharing much easier and less time consuming.
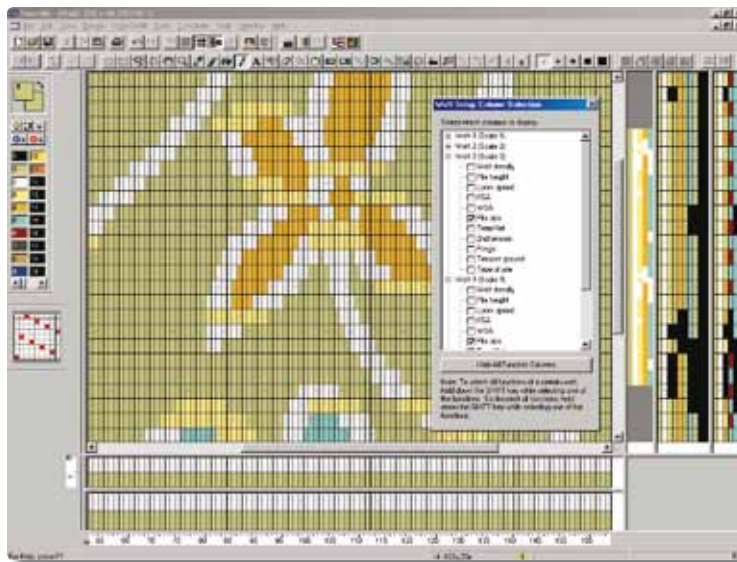
The warp-weft Editor automates any loom function.

TEXCELLE FOR DesignCOM

This special version of Texcelle is directly connected to DesignCOM. Designs can only be loaded/stored from within the DesignCOM database. Full protection against copying designs onto local devices like USB-sticks.
For more information please contact our Sales Team.

TEXCELLE PRO **FOR HOME DESIGN**

Now available: Texcelle Pro 64-bit.

Compared to Texcelle which is a 32-bit version we now can offer you our 64-bit version. This 64-bit version offers contract designers or any other designer the possibility to work with very large designs. Texcelle Pro supports huge files limited only by the amount of memory in your PC. Unlock the enormous amount of functionality of this mature and feature rich program by using a new intuitive and effective user interface.

Texcelle Pro new interface 64-bit.

- TexFlash
- Texcelle
- Texcelle DesignCom
- Texcelle Pro

NEW 64 Bit

Highlights and features

Choose over 150 design functions.

Create and edit multiple designs simultaneously.

Supports Pantone® with the Pantone® Digital Color Library.

Skew, curve and scale selections for interesting effects.

Special edge smoothing to prevent jagged edges and contours when scaling.

Create highly realistic surface and yarn simulations instantly to preview actual loom output.

Create, modify and save color palettes according to a designers preferences.

Create smooth curves using Bezier, splines and control points.

Personalize shortcuts.

Macro's offer huge time savings by storing and reiterating command sequences.

Export directly to Excel to get the technical fiche in the format you require.

Support the revolutionary warp/weft editor to streamline the most complex jacquard operations.

Full integration with our Jacquard solution; use the active design directly in your quality PDC templates.

Fill with patterns, weave structures and automatically add binder points.

Store multiple selections for use in one or more designs.

Integrated Color management based on industry standard ICC.

Easily align selections in a design.

Rollup property dialogs, creating more screen space.

Add-on Modules for Texcelle & Texcelle Pro

- Design Workshop to speed up creation of geometrical designs such as scarves

- Conversions for Sophis, Apso, Viable, EAT, Griffith, Actrom and many more...

- Yarn & texture simulation

- Yarn Usage calculation

- Element Make-Up utility

- Weaver Module for warp and weft jacquard definition

- Full integration with DesignCOM, the solution for workflow optimization & integration

- Full integration with WeaveGate, the solution to integrate with networked looms

JACQUARD & JACQUARD PRO **FOR HOME DESIGN**

Jacquard Power & Versatility.

With NedGraphics Jacquard Pro the most complex jacquard fabrics can be treated, colored, estimated, calculated, simulated and sent straight to your looms. Jacquard is a light version of Jacquard Pro. Its attractive price tag makes it affordable for starters and lowers the threshold for adding stations with basic functionality.

BASE MODULES:

Jacquard

Jacquard Pro

Jacquard Virtual Loom

Jacquard Weave Editor

ADD-ONS:

True Coloring

Any type of fabric is supported, upholstery, terry, ties, velvet or labels. Realistic 3D fabric simulation offers dramatic cost savings in sampling and can be used for commercial product presentations. All elements used to compose the jacquard fabric such as yarns, weaves, harness lay outs, loom functions are stored in libraries and maintained with easy to use editors.

Jacquard Pro stores products locally, in DesignCOM for workflow optimization & integration or in WeaveGate for loom networking and monitoring. When stored in DesignCOM additional data like collection information, design status or a designer's name can is added. By using WeaveGate products can be sent directly to the looms.

Highlights and features

Visualize your fabric and weave structure real-time.

Create highly realistic fabric simulations to replace traditional samples. Even the most complex weave structures are simulated realistically (terry, wire velvet…).

Scan your own yarns.

Create, store and use basic and compound weaves in easy to access libraries.

Automatically generate weft and warp scales from the design.

Create production data instantly.

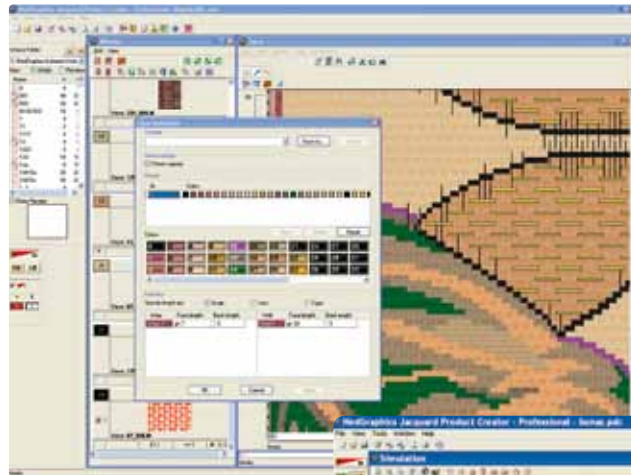Integrate float checking and correcting (both automatically and manually).

Convert to and from any weaving machine.

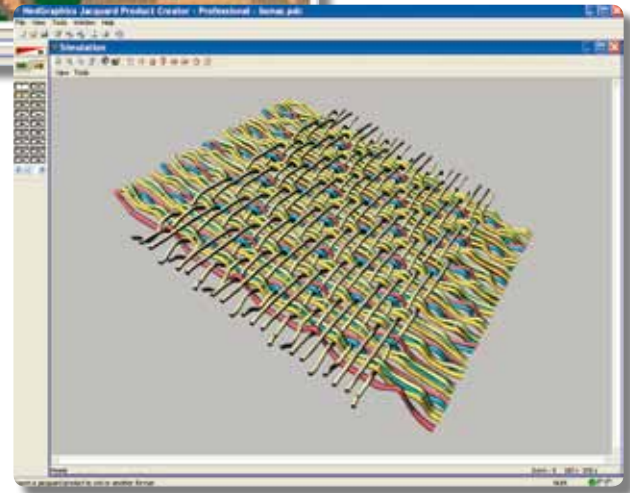Use the true coloring tool to recolor the simulations.

Create basic and compound weaves.

Convert from compound weave to basic weave and vice versa.

Support for any kind of jacquard (Bonas, Grosse, Stäubli…) or punching machine.

Example of a scrapbook.

Example of virtual complex weave structures.

JACQUARD VIRTUAL LOOM

Digital sampling of any woven fabric is done through the Virtual Loom program. Load your production data into this software and your fabrics will come alive onto the screen or printer.
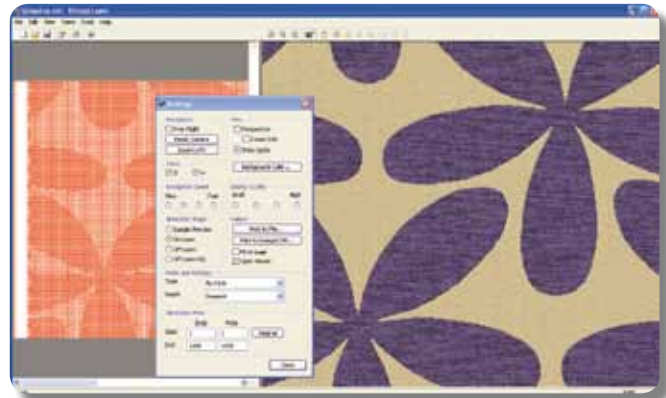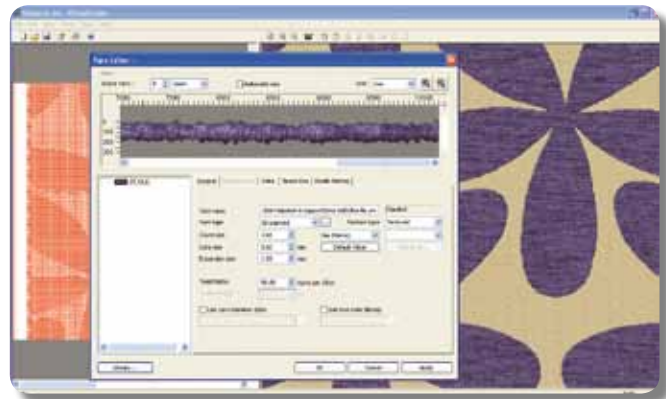

Example of LOOM settings menu.

Example of Yarn dialog.

BASE MODULES:

Jacquard

Jacquard Pro

Jacquard Virtual Loom

Jacquard Weave Editor

JACQUARD WEAVE EDITOR

Weave Editor helps you to develop the weave structure that will give your fabrics that extra touch of the aspect and look of the material. Build up your own library of weaves and store them in Bitmap format.

The Weave Editor is also part of the complete Jacquard solution offered by NedGraphics to create, study and simulate the most comprehensive Jacquard fabrics.

Example Weave library.

BASE MODULES:

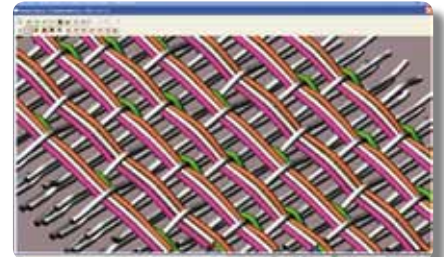Jacquard

Jacquard Pro

Jacquard Virtual Loom

Jacquard Weave Editor

Highlights and features

- Use of warp and weft systems.
- Drag & drop weaves to position.
- Instant result as Global Weave.
- Advanced warp weft evolution modes.
- Easy copying or swapping complete warp or weft lines.
- 3D View to judge & alter complex weaves.
- Cross section to fix in detail warp or weft yarns.
- Print out facilities.
- Save as BMP (basic) or Compound (PAR) weave.

Example 3D weave.

Example cross section.

ADD-ON FOR JACQUARD TRUE COLORING

## True Coloring is a tool for recoloring and printing simulations.

The True Coloring module of NedGraphics has brought recoloring simulations to a new level. Currently True Coloring supports simulations made with the Product Creator simulations for Jacquard fabrics, tufted carpet simulations made with the Tuft Enterprise module and the Texture simulations made with Texcelle. Very soon you will be able to recolor your Dobby designs with this module.

To give an even better user experience we have enhanced the True Coloring module with the following features:

- To allow for time saving and to be able to compare simulations side by side True Coloring will now open only once and not open every design you want to see in a new and separate True Coloring window.

- When you are not working in a color calibrated environment the use of color books is the best way to get the right colors on your print out. With an additional print feature you can print color books or color ranges of the exact same structure you are using in your True Coloring simulation.

- Full integration with Reporting Enterprise.

- Integrated in Texture Simulation, Jacquard & Tuft.

Example of Color book page with texture patches.
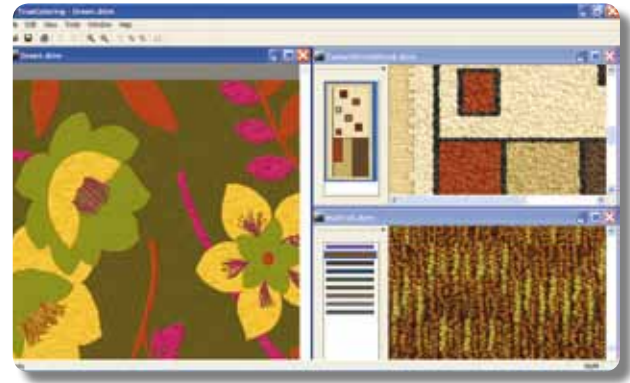
Example of multiple windows open.

DESIGN WORKSHOP **FOR HOME DESIGN**

Instant geometrical and repetitive designs.

Design Workshop speeds up the assembly of designs such as rugs and house hold fabrics. These can be created quickly by placing an unlimited number of borders and motifs around a center. Each modification is updated automatically. This ensures a minimum of manual action and accurate results!

Design Workshop is productive and time-saving. It can be used at the start of the creative process. The center or border pieces can be taken from any existing design. (example NedGraphics Texcelle) You automatically repeat borders around the center. By adding borders, the software instantly performs all the tedious manual actions.

Imagine two borders swapping places. Doing this manually would take hours. Design Workshop doest it for you in a snap, without affecting any corners or curves. You can switch the final shape of the design to rectangular, oval, and circular by just one mouse click.

Highlights and features

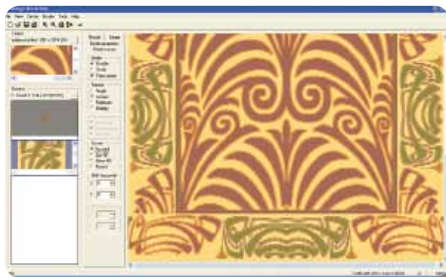Drag & drop elements from Texcelle.

Create oval, circular or rectangular designs with just one mouse click.

Direct link to NedGraphics Texcelle.

Shifting elements in border to fit repeat.

Repeat center motif to create runners.

Store results in common file formats.

DOBBY PRO FOR HOME DESIGN

Dobby Pro is the ultimate solution to create, sample and produce the finest dobby woven fabrics.

Woven Designs, from Concept to Loom, Dobby Pro is the ultimate solution to create, sample and produce the finest dobby woven fabrics. The most complex wovens can be designed, colored, estimated, calculated, simulated and sent straight to the looms. Dobby Pro addresses the needs of all users, from stylists to the most demanding production technicians.

Interface example.
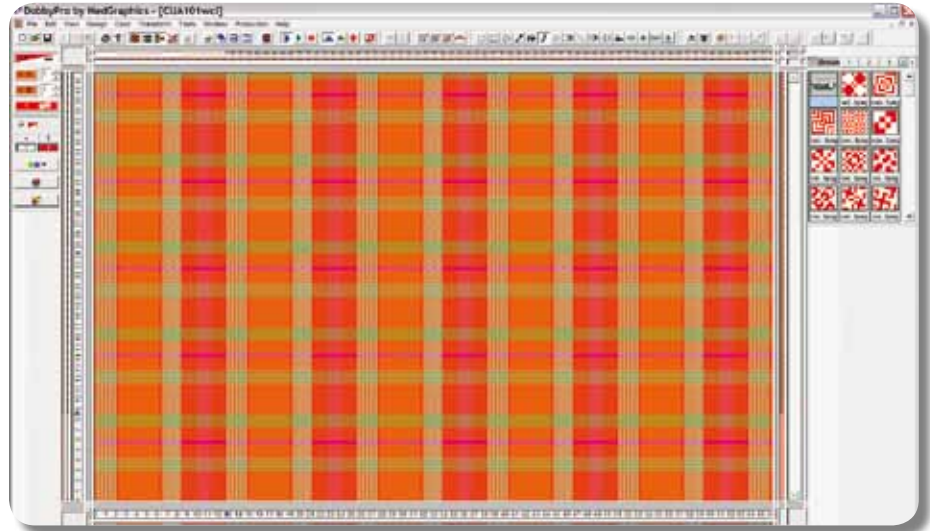
Dobby

Dobby Pro

Develop any type of dobby, starting with a scan, or just express your imagination by entering ideas from scratch. Once the design information has been entered, Dobby Pro does the rest. Generate fabric simulations that can be used in place of samples and export a wealth of information to be used to directly control the manufacturing processes. From yarn selection to running the loom, with Dobby Pro, you can be sure that you have an unequaled advantage!

DOBBY FOR HOME DESIGN

Dobby is a light version of Dobby Pro. Its attractive price tag makes it affordable for starters and lowers the threshold for adding stations with all necessary design functionality.

Dobby Pro offers more comprehensive production features for managing production, such as, shafts manipulation tools, repeats tools, change origin, scan yarns, navigator and Direct Simulation to presentation software.

The user may work directly with the production information for client presentation and also for production.

Dobby

Dobby Pro

Highlights and features

Access multiple libraries and designs for mixing and matching yarns, weaves, warp and weft arrangements, harness set ups, and peg plans.

Create completely new designs by entering the information that goes into making an actual woven fabric.

Work visually, and the software will generate the technical information for the user.

Fabricate and match all types of actual yarns with our exclusive yarn generator.

Scan and edit yarns to capture even the most sophisticated textures.

Create simulations that can be used to replace traditional samples.

Effects such as variable density in reed, let-back and tissue picks; variable weft density, skip dents and top beam effects can all be simulated.

Manage unlimited color variations and accurate color blankets.

Supports Pantone® with the Pantone® color chooser.

Automatically generate production specifications, essential for manufacturing and that can be printed or exported in Adobe® PDF format.

Available as an upgrade from Easy Weave, with files compatible between the two programs.

Export machine files that directly drive production machinery, these include: Stäubli, Dornier, Picanol, Sulzer-Ruti, Vamatex, and Tsudakoma.

Export files for sample machinery, such as CCI.
Drawing-in machine interfaces include: Stäubli Delta 200, 100 and Vega.

Export production data in standard ASCI file for import to database systems Dobby Pro design and card.

NEW:

Components Editor:

The Components Editor Dialogue now allows the user to work with complex warp /weft sequences and lengthy draughts as well as pegplans all at a glance, with easy repetition headers.

The repeat headers in each table view allows the user faster input of warp/weft design with quick and easy access to each part of the product using the tree view.

Using the Manual edit type in the sequences. The tables are updated.

Create and Edit complex Warp and weft sequences using text, repeat using repeat headers and link your design.

Technical fabrics such as double cloths, towels, blankets and scarves can all be created with ease and speed.
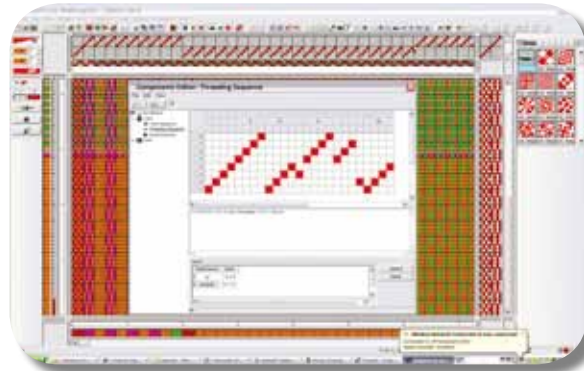
Components Editor: Create and edit complex designs using the Components Editor tools.

CATALOG CREATOR FOR HOME DESIGN

Cataloguing & publishing made fast and easy.

Catalog Creator allows you to create your catalogs and commercial publications faster and easier. Simply drag and drop designs, images, text or tables and create the catalogs and leaflets you need!

Use colors and color statistics to get the complete picture. Automatically retrieve detailed information such as width, height, repeat and paper format.

The 'books within books' feature enables you to merge collections into a single catalog. Adjustments can be made directly in existing collection presentations to keep them up to date.

Simple layout of 3d photo and design.
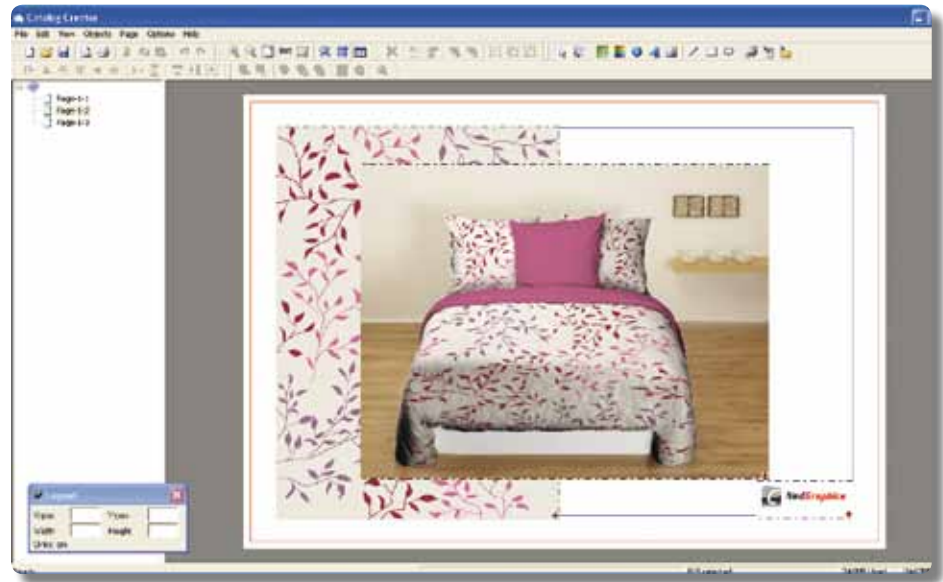
Highlights and features

Create single or multi-page presentations and catalogs.

Save pages separately and include them in any catalog.

Create 'books within books'.

Display detailed information from any NedGraphics file design or production format or any other Windows graphics format.

Easy copy of objects to other pages.

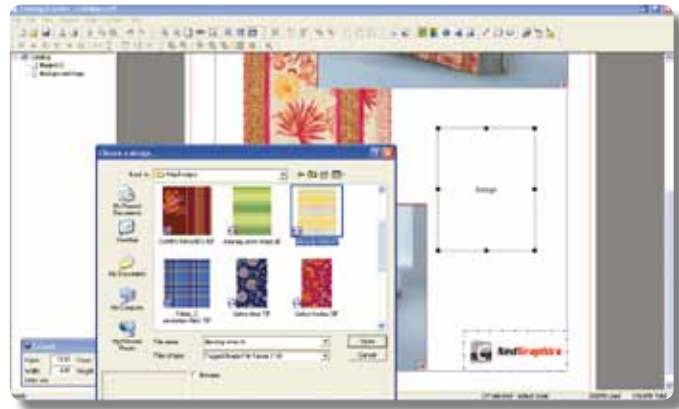Supports transparency of a color on any design.

Use a grid to align page objects.

Undo/Redo on any action.

Preview files before opening them with the file preview option.
Resize, lock, outline and group objects.

Batch import designs to create instantly new brochures.

Adding design in lay out.

Editing of text (inserted from Excelle file).

VISION RASCHEL FOR HOME DESIGN

Reach for Perfection.

This is the easiest method of technical designing. All the technical aspects are managed by the system. The only thing that you have to concentrate on is the artistic aspect of your project. Now you can spend time on being a designer, not a technician even if this solution allows you to go through all the steps from the scan or idea to the technical output ready for the loom.

You just have to scan your favorite hand made sketches and then reduce them to the appropriate technical design according to the number of needles and rows. Thanks to the user-friendly tools, the editing of your design is quick and effective. Each color will then correspond to a ground or multibar effect. You can manage your own library of weaves according to your knitting references. Most of the well-known design tools, developed over decades and dedicated to the textile industry, have been in-corporated into the editing sketches module.

To detect any mistake or in any case of doubt about the consequences of a very simple change in your design, you just have to press a button to get a technical and realistic simulation of your project. Your work is then more reliable in terms of production on the machine.

Highlights and features

Multibar functions.

Semi-automatic creation of the lapping movements according to the sketch.
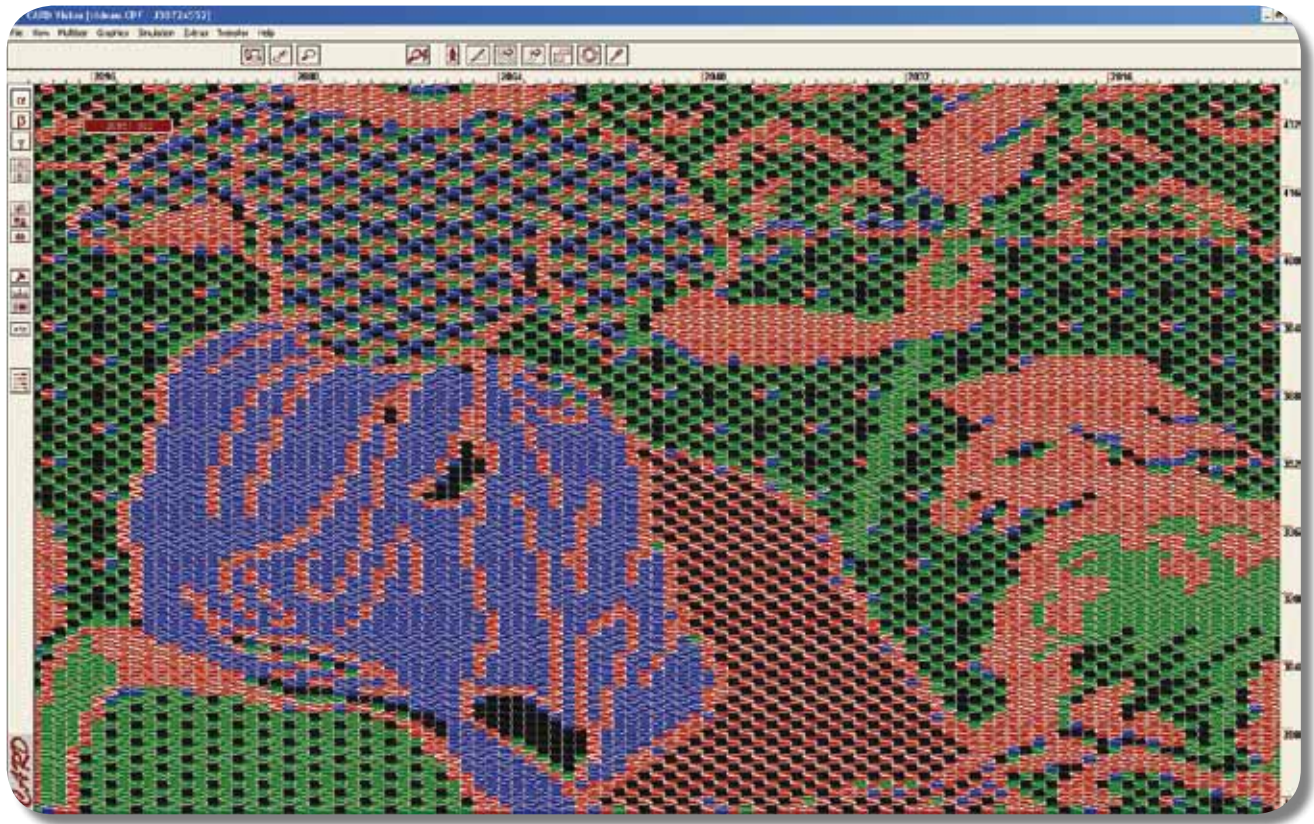
Editing overlapping on fall plate bars.

Picots are put in automatically according to the predefined sketch.

Technical check of the lapping movements including a report (collision checking).

Display of invalid movements.

Mirror functions (like clapping, mirroring, mirroring shifting, mirroring clapping, etc.

Vision card simulation

Jacquard functions within Vision Raschel

Assign bindings and structures to the colors in the sketch. They will be automatically calculated in the Jacquard pattern.

Create bindings and library management.

View Jacquard data in color or Jacquard pattern mode as well as a technical layout (with the different Raschel techniques).

Border commands: Possibility to define what happens when two colors are next to each other. This function allows you to add outlines or shadows to a filled area.

Automatic adjustment of the Jacquard Data after mirroring.

Repeat connections: the repeat is displayed on the top and bottom of the pattern. It is displayed and, simultaneously, can also be edited. Jacquard data (also known as technical graphic layering) and multibar data can be displayed together. This allows very efficient editing of the multibar and Jacquard data.

The range and nesting of the 'multibar' can be switched on and off.

Display of the current cursor position (needles/rows), and active bar.

Yarn tension of the Jacquard

The yarn tension is shown graphically. The difference from the average value is shown as a line. By putting in different row sections, it is possible to make an exact analysis of the tensions within the fabric.

Simulation (for Jacquard and Multibar)

Simple changes of the yarn types and machine parameters (gauge, rows/cm, etc.).

User-friendly, because it is already built into the program. You do not have to start another program.

Simulation can be placed on a second screen.

Simulation is refreshed by hot keys.

Fall plate patterns are taken into account for the simulation.

WEAVEGATE FOR HOME DESIGN

Full control over your jacquard looms.

WeaveGate is NedGraphics' solution to control and manage your electronic jacquard looms and link them with your design archive. Track the status of your weave jobs, do effective version management, monitor loom efficiency, capture, store and transfer loom parameters, add information to weave jobs, automatically rearrange harness layouts; WeaveGate provides you with full control and minimizes errors, 24/7.
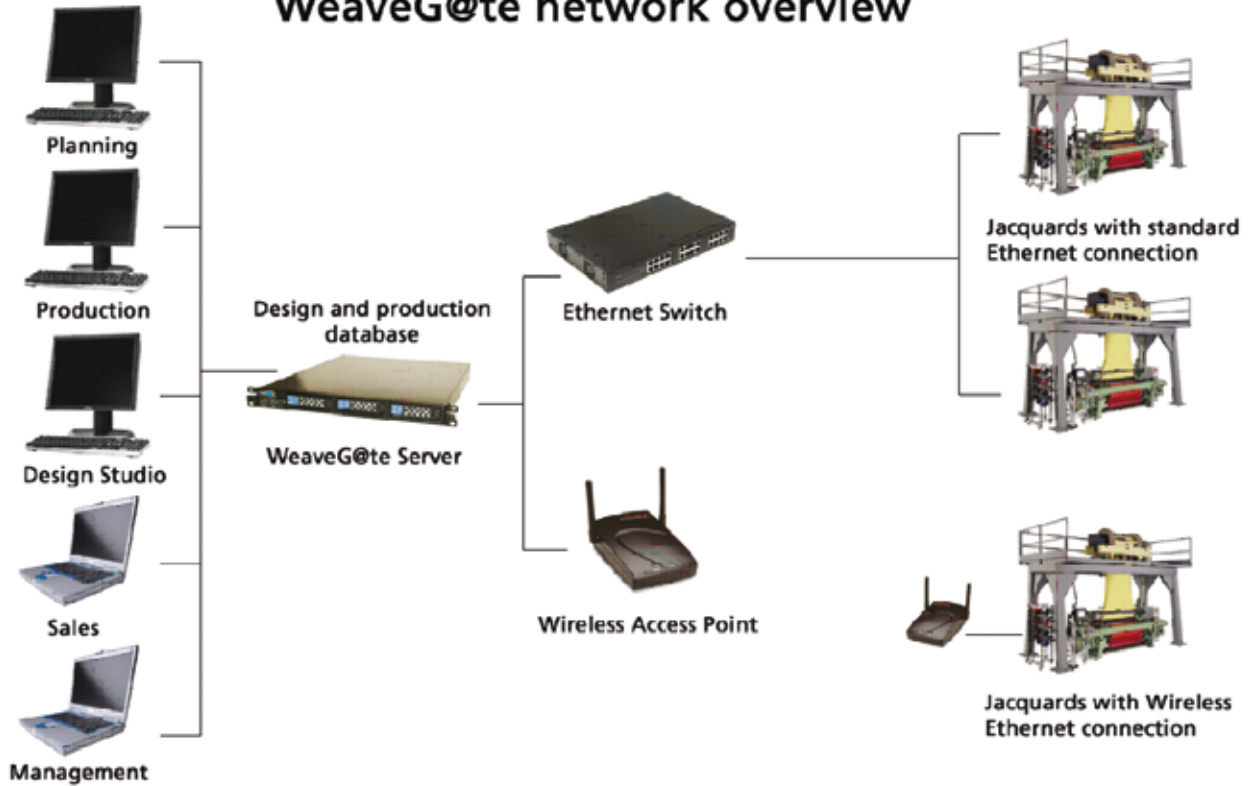
WeaveGate can be fully integrated with NedGraphics' Jacquard Pro and third party solutions.

WeaveGate delivers production data to the right jacquard controllers at the right time. The system also allows loom operators to retrieve jobs from the server. When the loom operator modifies production information the adjusted pattern can be merged directly with the original.

WeaveGate enables effective and consistent design management. Current designs can never be overwritten without prior notification. Amendments made on the loom controller can be stored directly in the original database. Corrections are automatically incorporated into the production data the next time it is sent over the network. E-mail notifications can be issued to timely anticipate production flaws or controller availability. WeaveGate can be integrated with any existing planning system.

Titles, for example an article number or client name, can automatically be inserted before or after a weave job. This simplifies order tracking, expedition and prevents you from loosing track.

WeaveG@te network overview

Planning

Production

Design Studio

Sales

Management

Design and production database

WeaveG@te Server

Ethernet Switch

Wireless Access Point

Jacquards with standard Ethernet connection

Jacquards with Wireless Ethernet connection

Above you see a typical installation.

Highlights and features

Supports all Bonas (s500/600/800), Stäubli (JC4/5/6) and Grosse controllers.

Only weaveable patterns can be send to the looms.

Automatic harness conversion: only 1 master card needed.

Support for Dornier AT II panel and Picanol TP800 dobby looms.

Create weaveplans for all Stäubli and Bonas jacquards.

Send a complete package to the controller at once.

Pre-define cleaning of designs on the controllers.

Centralized system for all production data (cards).

Visualize current status of weaving mill in one screen.

Import weave orders directly from Excel.

Handle loom parameters per design.

Automatic card transformations can be applied by using macro functions.

Improved handling of loom parameters for Stäubli JC-5 / JC-6 format.

Extended planning including Weave Programs, titles and weft or box motion rearrangements.

Macro's definitions allow WeaveGate to modify (part of) the production information just before it is sent to the Jacquard controller. This allows you to tune data to the loom's specifics.
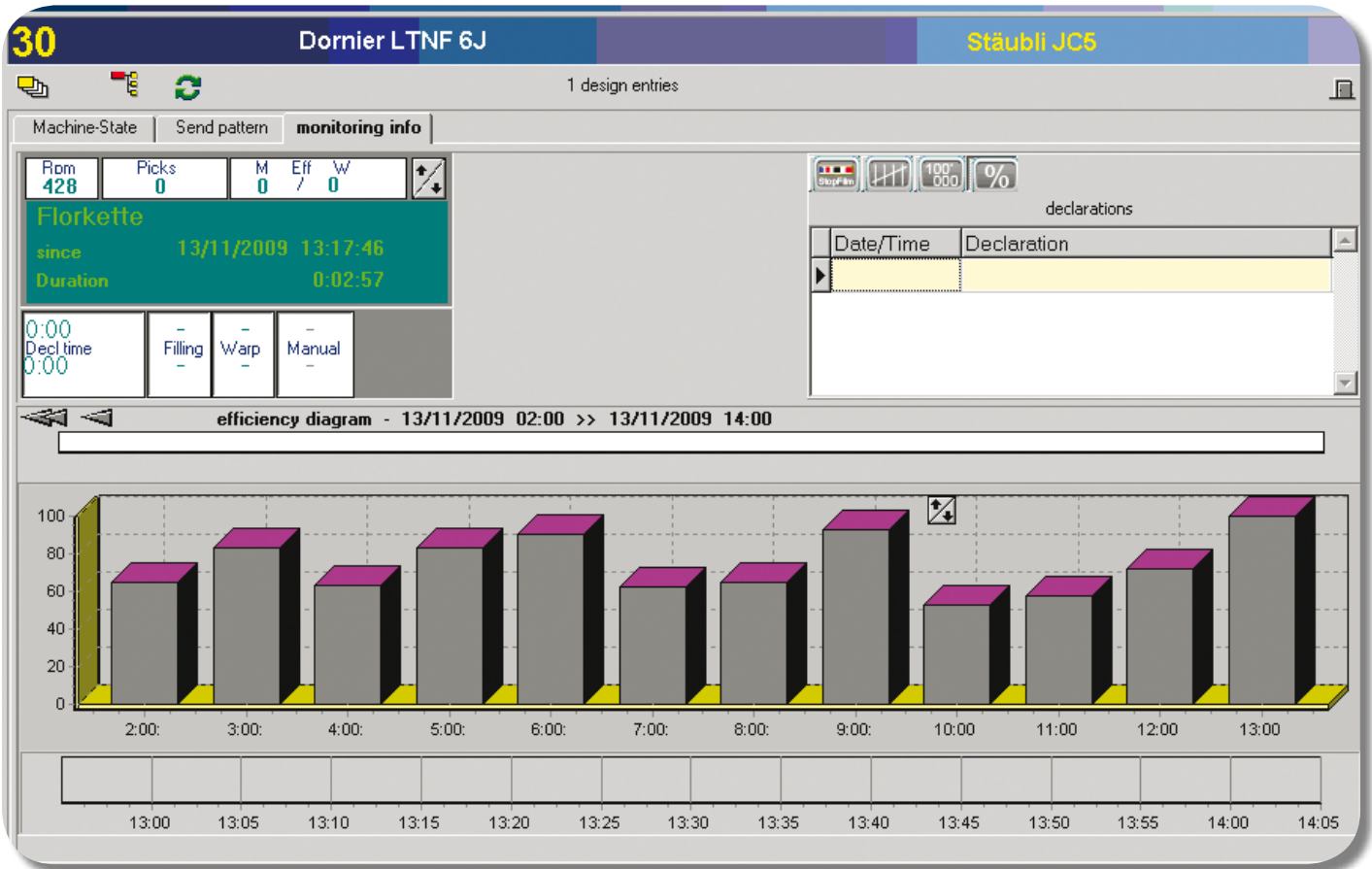
Collect loom status information with the Monitoring plug-in.

Main program with full mill overview.
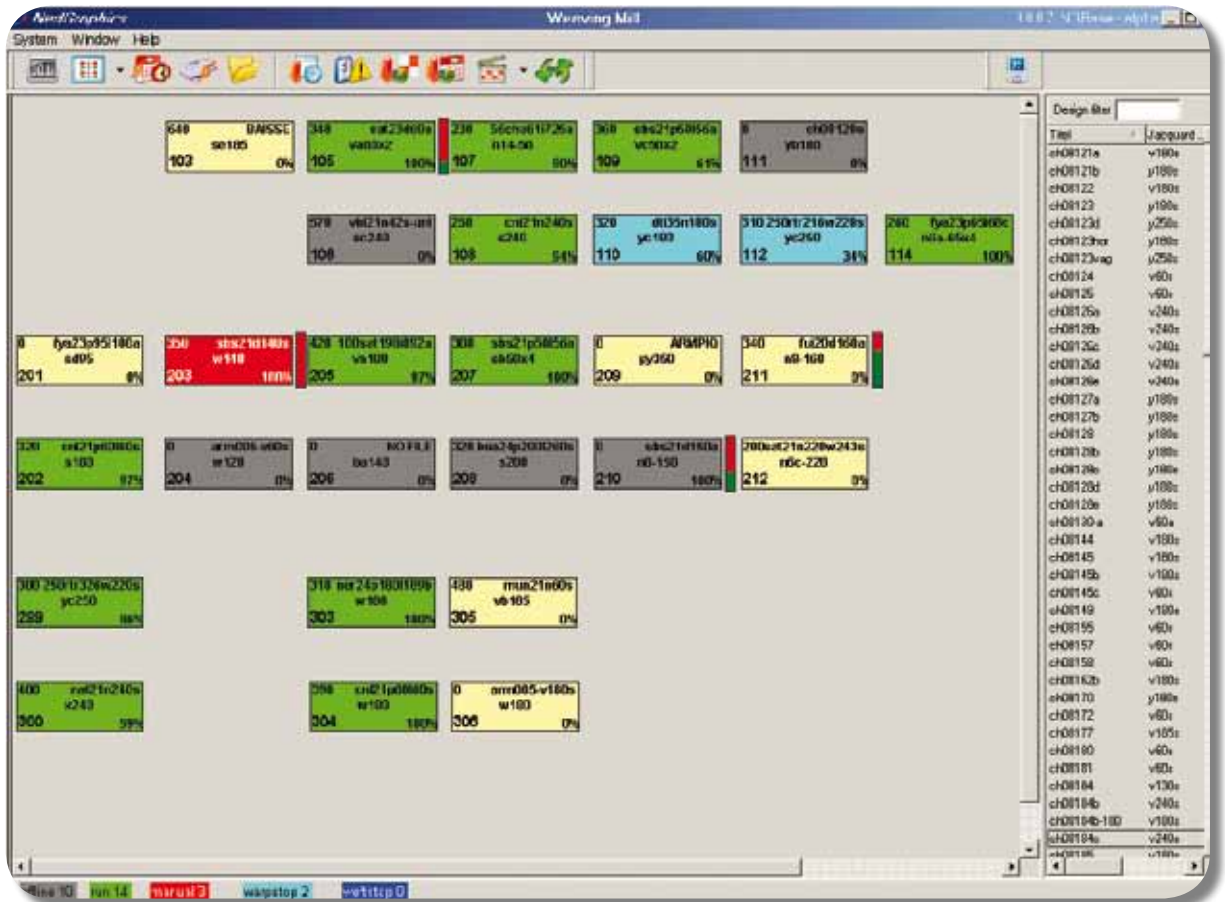
View detailed monitoring data.

10 points why WeaveGate can be beneficial for your company!

1. Production data is 24/7 available in the weaving room.

WeaveGate makes sure that the production file is available at the jacquard controller at the right time all the time. No more floppy headaches. In combination with DesignCOM, extra technical information can be displayed in the weaving room. For example this can be information from the Design department to weave with special settings or extra remarks from the Planning department.

2. Design department will save time by not having to create multiple production files.

When working with different loom manufacturers and different loom (harness) setups, the design department spends a lot of time making conversions instead of what they do best; Designing! WeaveGate will take away this task from the designers and automatically manages harness conversions and output file formats. The design will always be in the correct format when it arrives on the loom.

3. Automated tasks on the controller with Weave Programs.

Weave programs on a jacquard controller will automatically weave x repetitions of a designs and then switch over to the next design. Between design changes or after x meters woven a small cutting part can be inserted. These fully automated programs can be created with the WeaveGate software and send together with all the needed designs in one package to the jacquard controller.

4. Automatic activation of design or weave programs on the controller.

Starting the wrong design on the loom can mean B quality fabric. If there are a lot of design changes on the looms (even with little design changes) there is always a percentage of wrong design startups. By means of a weave ticket barcode scan or predefined planning, WeaveGate can automatically activate the correct design or weave program on the controller during article change taking one step away for the weaver (Weave-Gate does not start the loom).

5. Automated card operations with WeaveGate macros.

Production files can be changed on the fly for special actions by the WeaveGate card macros, saving time at the design station or removing tasks from the weavers. A couple of macro examples are:

- Automatically changing selvages based on loom or design types.
- Automatically changing weft box motion sequence based on loom types.
- Weave the design title at the start or end of the design (or both).
- Adding fringes to the start and end of designs.

6. Monitor your weaving room.

Monitor production efficiency based on designs, shifts or looms. Display instantly where you have production efficiency problems. Monitoring data is gathered directly from the jacquard controllers.

7. Faster design changes, latest versions on the controllers.

Changes to designs made in the design studio or changes made to the card directly on the controller will be stored on the central server. The design changes will automatically be transferred to the controllers where the design is present to make sure you always have the latest version of the design on the loom. If a design is running on a loom and changed by the design studio, an email will be send to the responsible person to take actions.

8. Handle loom parameters together with the design.

When sampling your design, certain loom parameters are set to weave the product with a certain quality. These loom parameters can be stored together with the design on the central server and when the design goes onto production looms the loom parameters from the design can be automatically transferred to that loom. This action will save time for the weaver as he can get the machine operational much faster.

9. Incorporate all WeaveGate automated features through the advanced planning module.

Whether using the automated macros, weave programs or activation, these actions can be called automatically from any external planning system. An external planning system could tell WeaveGate which designs, amount of repetitions or for example a customer name at the end that needs to be woven. WeaveGate will create one program package and activate this at the loom when getting an article change signal (barcode or declaration through monitoring).

10. Email notifications to individuals for potential problems.

WeaveGate keeps track of all communication between the server and the controllers and keeps track of the state of the controllers. When a problem does occur WeaveGate will automatically send emails to the person in charge to highlight the problem.

Potential problems can be:

- A design is updated in CAD but running on certain machines.

- A design cannot be send to the loom for certain reasons.

- Controller state is not correct (disk full, etc...).

Available Plug-ins:

- **monitoring light**
- **weave cycles**
- **extended planning**
- **loom parameters**
- **email server**
- **auto-import**
- **macros**

WEAVEGATE CARD EDITING FOR HOME DESIGN

Full control over your jacquard looms.

One way of working with WeaveGate is to have a separate database with "just approved for production" cards. This means that the CAD department and the production department have each their own database. The production database contains only real cards (ncc) and not pdcs.

This plugin allows you to open those "cards" from the WeaveGate Database and modify them if so desired. Tools at your disposal are inserting weaves, drawing lines, etc.

Modifications can be changing selvedge weaves, selector changes, etc.

This does not affect in any way what is happening on the CAD side. Production is responsible for the upkeep of their own database.

Communication from the CAD department to the Production database is done via the WeaveGate Import module.

The WeaveGate Card Editing tool can be used is Texcelle and TexFlash.
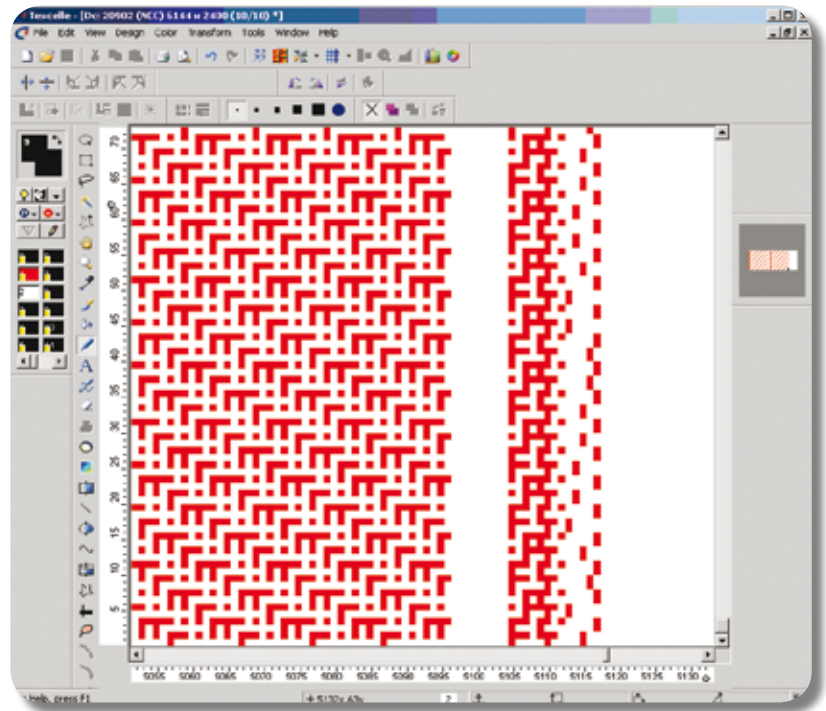
DesignCOM FOR HOME DESIGN

Design Data Management

The core of DesignCOM is a powerful, highly flexible database that is configured according to your business requirements. Designs can be retrieved within seconds! It is the ultimate solution to keep track of thousands or even millions of designs. These designs and product data are made available throughout your organization; for sales, marketing, finance, sampling & production.
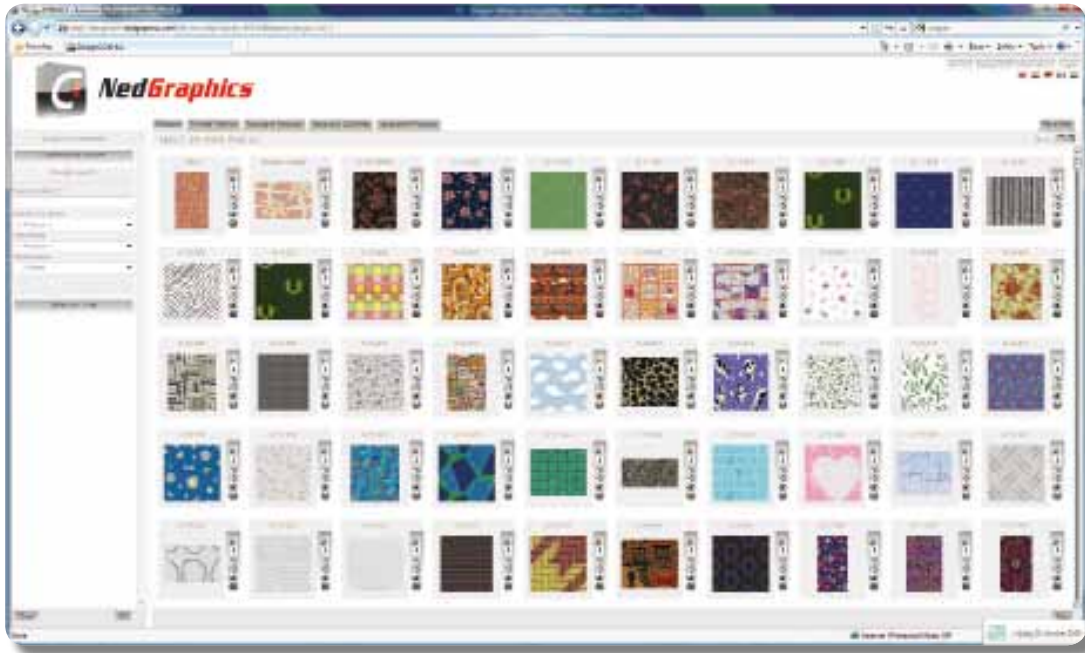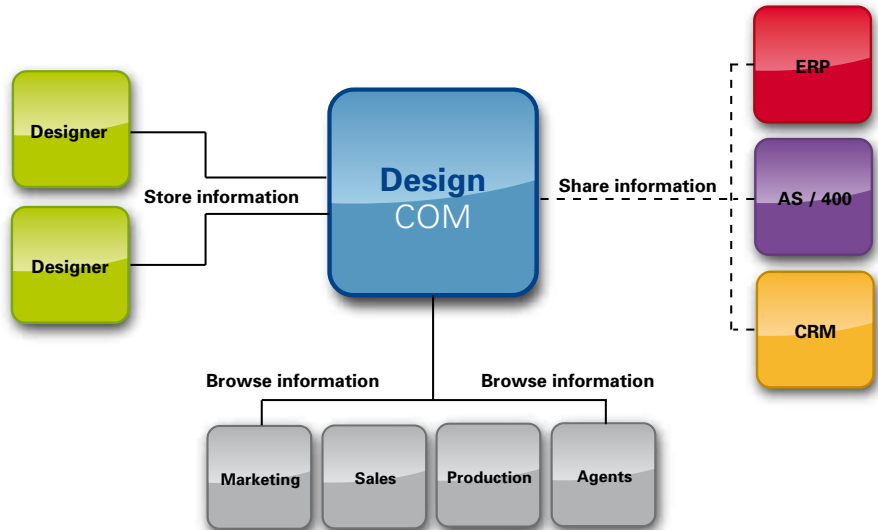

Example The DesignCOM Web Interface provides uick access to all product information.

Integration

DesignCOM can be integrated with other enterprise systems (ERP, CRM) in order to provide detailed, timely information along with the right visual.

No more guesswork but the right information along with the right picture. The functionality of DesignCOM is integrated with all NedGraphics solutions. This makes it easy to archive and organize designs, as filing is executed while designers are working.

The system allows specific business rules to be set in order to automate specific tasks and link with 3rd party systems.
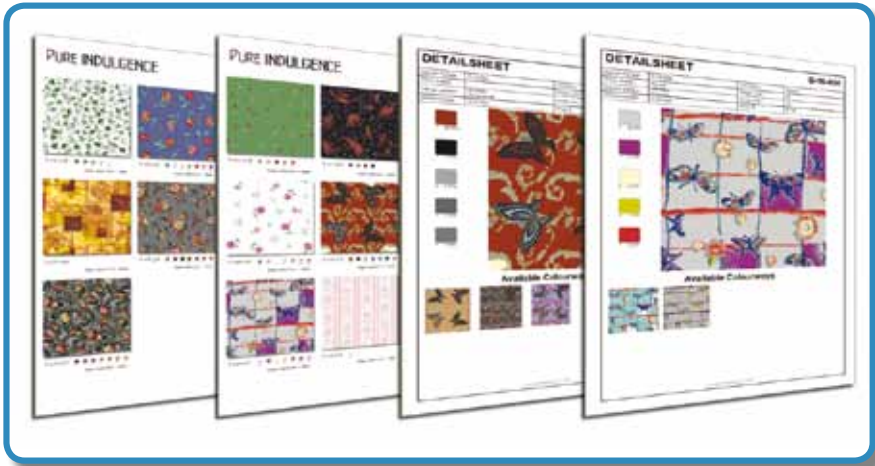
Designer

Designer

Store information

Design COM

Share information

ERP

AS / 400

CRM

Browse information

Browse information

Marketing

Sales

Production

Agents

Share information easily within your organization.

Presentation & Communication

The DesignCOM Web Presentation module provides easy access to design information. This facilitates enterprise-wide communication and presentation. Remote sites and customers around the globe have access to your resources without the need to install software a simple browser is sufficient.

Consequently each modification is directly visible to everyone that has access. In addition DesignCOM offers a variety of layouts to create customized product sheets and reports.
DesignCOM offers the content manage-ment functions to create e-catalogs. Access can be restricted at various levels. Exclusive designs are be made visible only to authorized customers.

Quickly generate catalogues from DesignCOM with the latest information.

Highlights and features

Automatic filing of designs and design information as designers work.

Multi language support including support for non western characters (Chinese, Korean, etc.).

Business process optimization for various processes such as: project management, sample approval and management, sketch and design archiving.

Product presentation using a standard web browser. Integrated 3D presentation to show and print designs in life-like ambience.

Integrated coloring of designs, with highly realistic True Color support. Customized style sheets and reports like sales books.

Flexible reporting structure allows you to create catalog on the fly.

Work with standard or customized color books.

Integrated with Reporting Enterprise to create collection catalogues and customer specific catalogues.
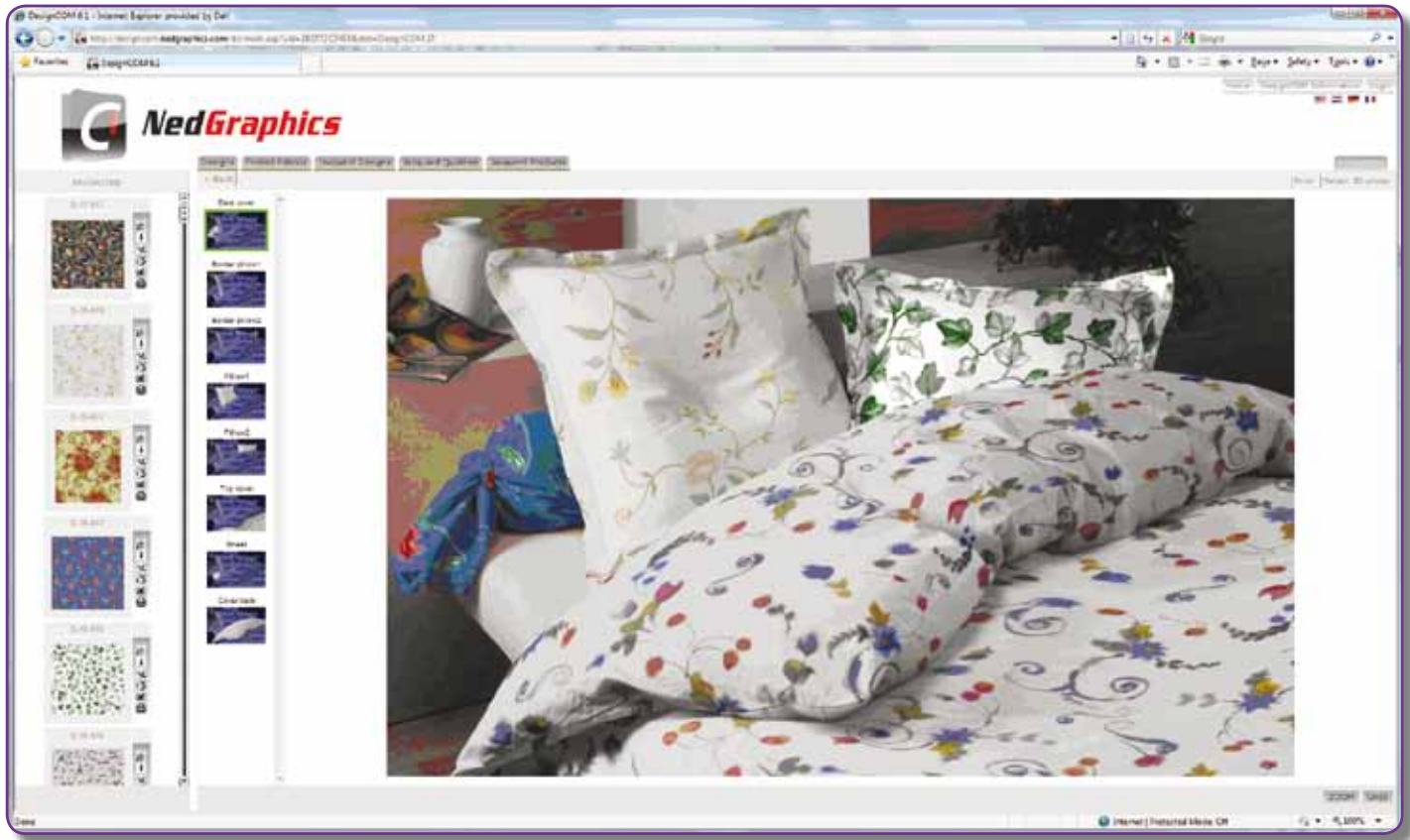
Synchronize online or offline, via CD exchange or file transfer.

Run DesignCOM on laptops.

Customize screen lay out or select 1 of the standard web interfaces.

Article data which can be stored/searched and retrieved by using DesignCOM.

Example Visualize your products online in an 3D environment.

DesignCOM Server Planning Plug-in FOR HOME DESIGN

Allows you to streamline your product development workflow.

It provides full access to the image as well as product data throughout the organization, as well as for clients and suppliers. It is easy to access and implement because of standard internet technology. Improving your workflow will result in a fast return on investment.

Server Planning Plug-in Availability.

The hugely popular DesignCOM program continues to be extended becoming even more integrated with your production environment with the design still as the focal point. All new developments have been made with only one thing on our mind. How can we make your life easier and save you time and money!
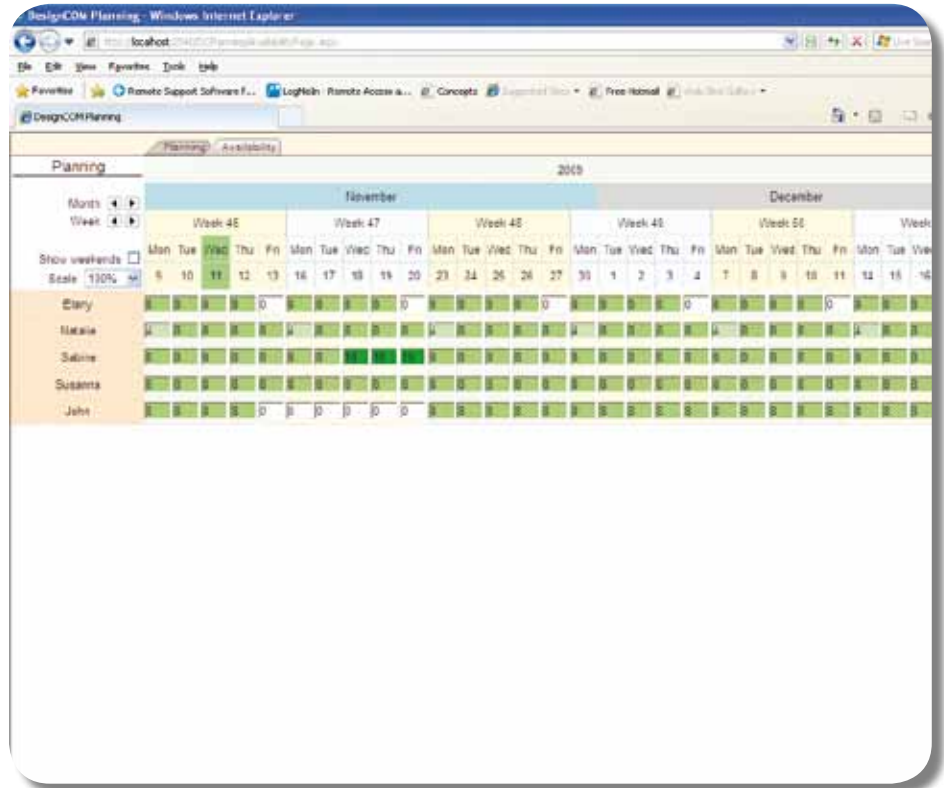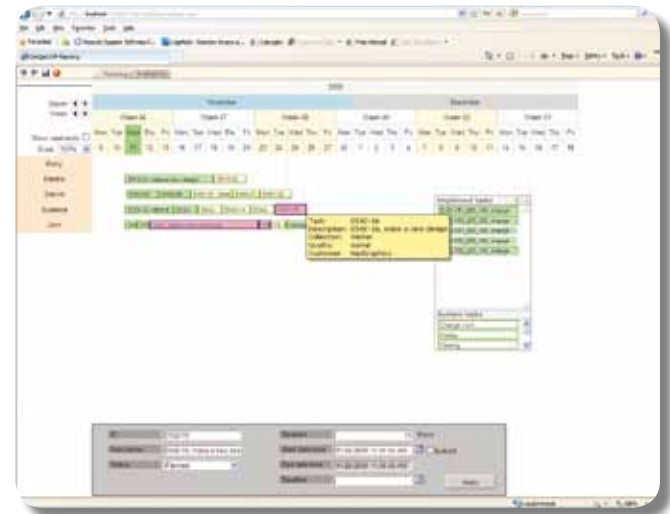
DesignCOM Design Planning

Planning of product development activities has never been so easy with the DesignCOM planning module. With drag and drop you plan the tasks for all your design activities, which are directly related to the information stored in the DesignCOM database. Each user can immediately see their tasks and open the correct designs in the CAD/CAM applications. The planning software is fully web enabled and can be viewed and changed directly through a web browser.

With the planning module Design-COM provides a complete workflow solution for the design department and product development:

• The sales department and customers can enter their design requests directly via a web browser.

• The manager can see and plan the tasks and keep track of the progress.

• Designers have direct access to all relevant information from their task list.

• The sales department has immediate insight when customer requests will be finished.

Server Planning Plug-in Task Tooltip.

Features

Tasks / activities are managed by DesignCOM.

Resources / personnel is defined in DesignCOM.

Specify a duration for each task / activity.

Assign a task to a resource / personnel.

Plan the the tasks by changing the task order or resource using drag and drop.

Tasks are automatically rescheduled.

Lock tasks which need to take place at a certain day and time. A meeting for example.

Plan the availability of a resource. How many hours per day a person is available.

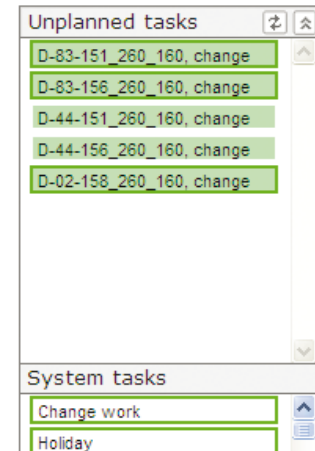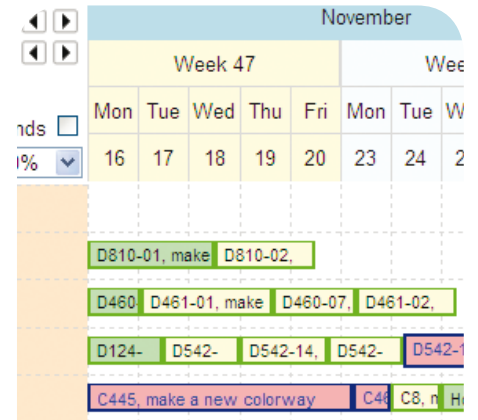Double click a task to open the underlaying information from DesignCOM.
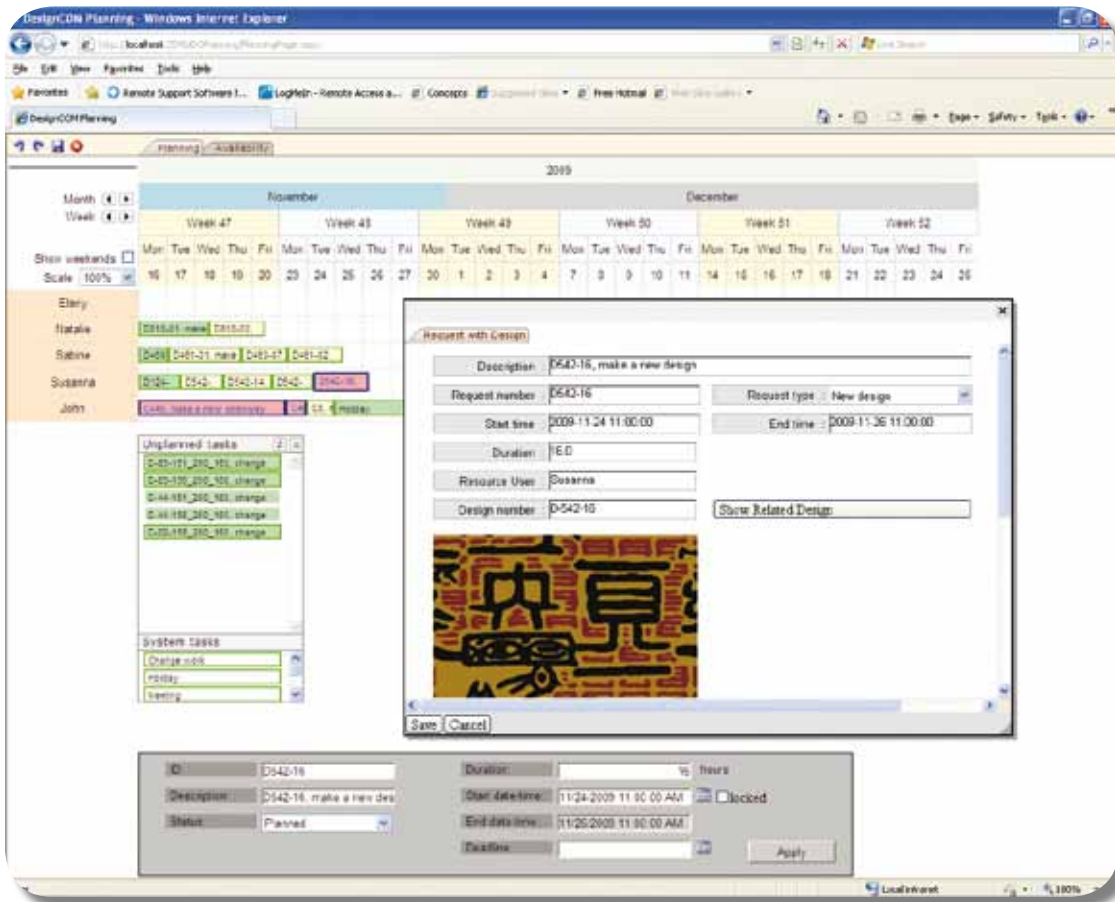
Tasks / activities are displayed in various styles/colors based on the task information. The task colors and styles can be defined freely.

Tasks missing a deadline can be displayed in red or annother style.

Change the zoom factor or the width of a calendar day.

Hide or show weekends.

Server Planning Plug-in Task
with details.

EASY MAP SUITE FOR HOME DESIGN
Virtual Product Presentation.

Our visionary spirit of innovation is perfectly exhibited by the integrated suite of Easy Map products. These solutions are completely tailored to improve the leverage and impact of your design, merchandising and sales opportunities.

BASE MODULES:

Easy Map Creator

Easy Map Creator Pro

ADD-ONS:

Easy Map Viewer

Easy Map SDK

Base modules:

- **Easy Map Creator:** Allows you to process existing product photographs so that different design and color options can be realistically presented.

- **Easy Map Creator Pro:** Offers extra functionalities on top of the basics of Easy Map Creator.

Specific add-ons:

- **Easy Map Viewer:** Is geared towards the improvement of sales presentations, either on the road, or in the showroom.

- **Easy Map SDK:** Is a web development tool that allows users to integrate fully interactive, on-line, mapping capabilities directly on sales oriented websites.
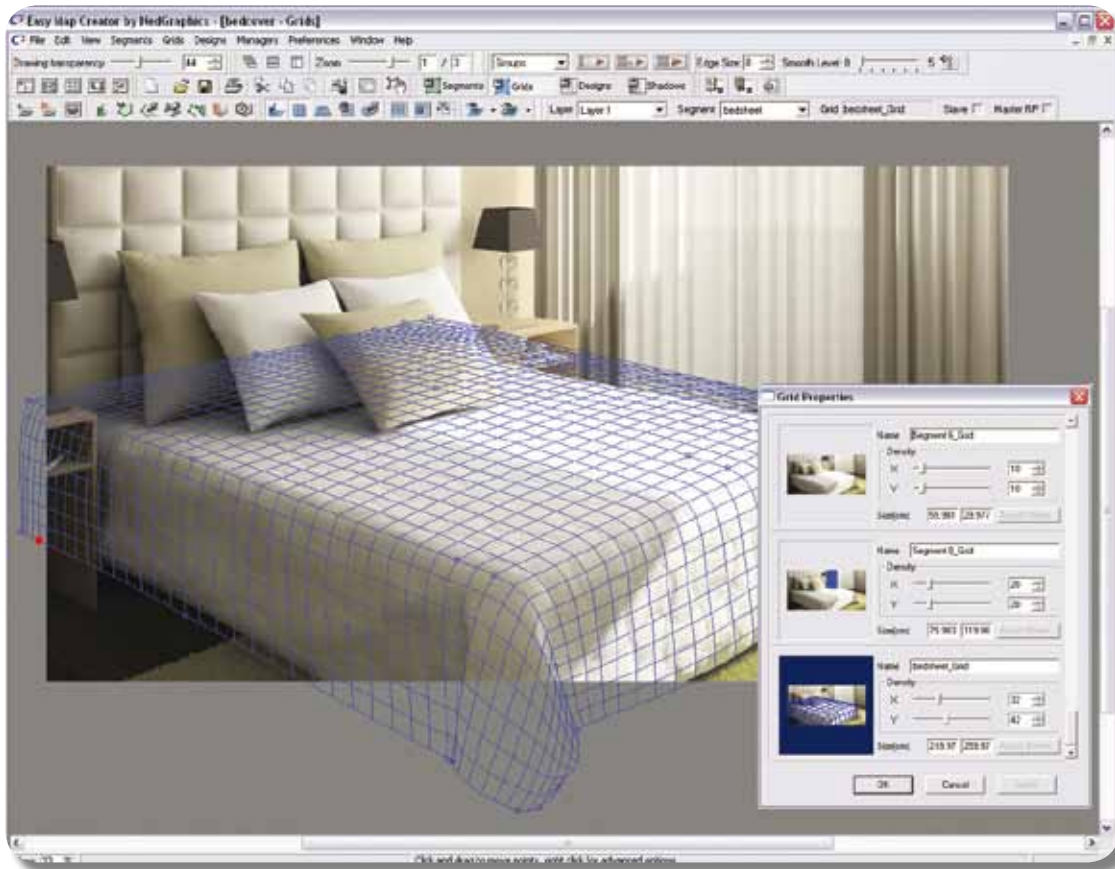
Load photographs and add your designs and fabrics to create photorealistically results.

EASY MAP CREATOR

Easy Map Creator allows you to create, show and publish photo realistic images of your designs, fabrics and color on objects in photographs. Easy Map Creator and Easy Map Creator Pro can be used stand-alone or in conjunction with the other modules, depending upon needs.

Renderings can be printed or shared, to provide impressive content for presentation boards, product catalogs, advertising, packaging and websites.
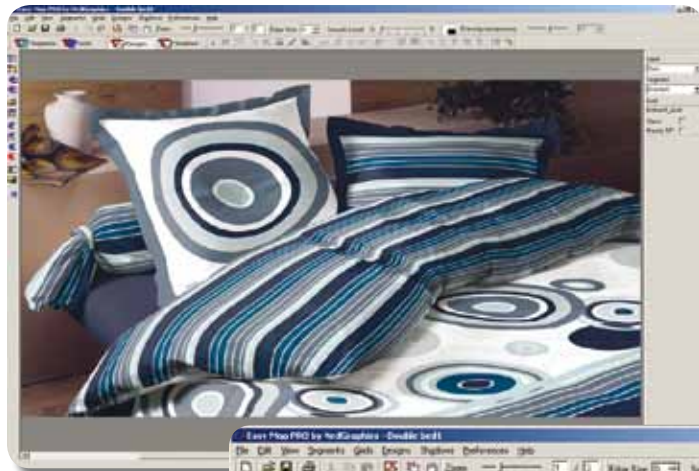
Bedding Mapping examples

BASE MODULES:

Easy Map Creator

Easy Map Creator Pro

Highlights and features

Load photographs of existing products, so that new content can be photo-realistically superimposed and rendered.

Images can be scanned from traditional photography, or digitally photographed.

Import and apply new designs that originate from scans of actual fabric or exported from any design software.

Render prints, wovens, knits, Floor-covering, wall covering, automotive and all other types of fabrications.

Render new colors, on appropriate selected product images.

Realistic high quality results can not be achieved in standard "photo" retouching graphics software.

Discover the free library of standard product photographs.

Direct access to/reading of the colorways information created in the Printing Studio or Fashion Studio modules.

User friendly tools for the creation of the grids: possibility rotate or shift a grid.

Specific grid for rendering of the perspective effects.

Possibility to modify shading parameters to be more realistic.

Possibility to pick up a color from the mapped image to apply into other areas.

Multi opening files with Copy/Paste facilities for grids or segments.

Customize the printing layout (insert a logo, add comments, etc.).

Search tool to access directly a specific Repeat tool to assign any kind of repeat to your design at the mapping.

Mapping files can be exported and mapped in Storyboard and Cataloguing Pro or Easy Map Viewer and any Easy Map SDK application

EASY MAP CREATOR PRO

Easy Map Creator Pro is the advanced version of Easy Map Creator. Work faster and even more detailed with your grid and mappings.

With Easy Map Creator Pro you can accurately select, on a pixel level, which design color needs to be the transparent color. Since the new developments on masking and transparency customers experience the endless possibilities that Easy Map Creator Pro offers regarding the pre-paration of images and dynamically rescale and rotation of your fabrics and designs. Another popular feature is the ability to pick colors for color assignment directly from the original image or from the resulting image. This function is very useful if you want to color coordinate some part of your original image to a fabric or design that has been mapped earlier.

Easy Map Creator Pro is our most sold solution of the Easy Map Suite.

BASE MODULES:

Easy Map Creator

Easy Map Creator Pro
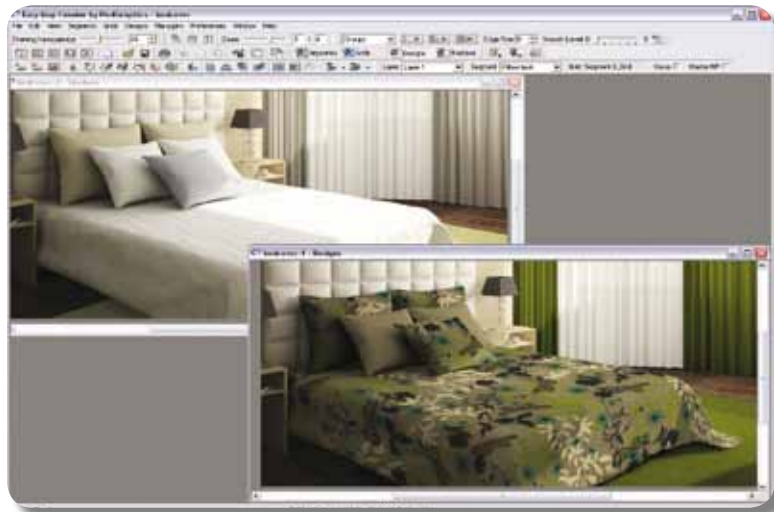
Highlights and features

Dynamical rescale and rotate fabric and designs.

Identify specific colors for transparency.

Visually change or shift the origin of the mapping to fit exactly the position of the design within the area to be mapped.

Advanced polyline options to add or extract selections from segments.

Import a modified photo from Photoshop for example on the current 3D project.

Automatic copy function from one grid to the others.
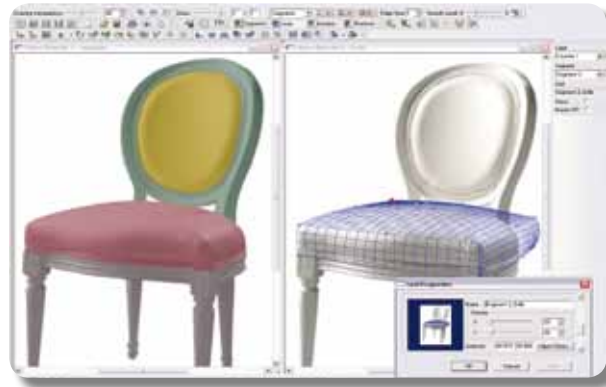
Creation of the segments (areas to be mapped) and grids.
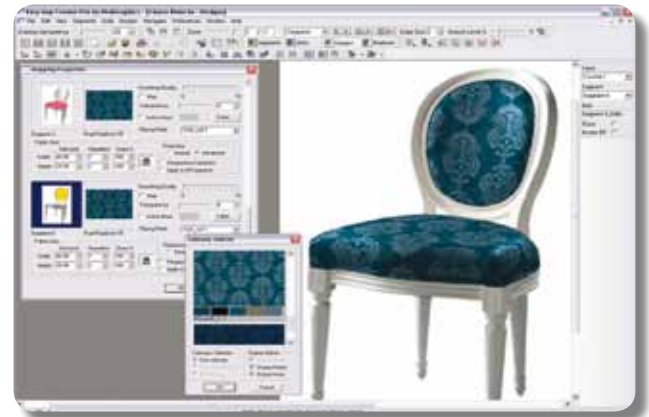
Design properties and selection of the colorway.

ADD-ON EASY MAP **VIEWER**

Easy Map Viewer is geared towards the improvement of sales presentations, either on the road, or in the showroom. Just point and click various designs onto product photos, and visualize new combinations on screen. Use product CD's for a unique competitive advantage.

ADD-ONS:

Easy Map Viewer

Easy Map SDK

Visualize in a user friendly way your fabrics onto picture.

ADD-ON EASY MAP SDK

The Easy Map SDK, is a web development tool that will allow users to integrate fully interactive, on-line, mapping capabilities directly on sales oriented websites. High quality mappings, either printed or viewed on-line, will be virtually indistinguishable from actual product photographs.

Easy Map Suite Highlights and features

Organize and load easily your picture projects made within Easy Map Creator/ Pro and your designs/fabrics to be mapped.

Application fully customizable.

Images can be scanned from traditional photography, or digitally photographed.

Import and apply new designs that originate from scans of actual fabric or exported from any design software.

Designs will be sized so that the rendering is true to life scale.

The exclusive mapping process creates movement in the applied designs so that the resulting image appears to be an authentic photograph.

Shading from the original photo is automatically preserved and thus the realism of the depth is preserved.

Resulting mapping can be printed on a digital printer, on glossy paper and shown as an actual photo, for customer presentations or for in-house decisions.

Export final mapping in standard graphic formats, like TIFF or JPEG.

Output can be used as content for catalogs, advertising, product packaging, and e-mail.

Images can also be emailed for quick viewing around the globe.

Realistic high quality results can not be achieved in standard "photo" retouching graphics software.

Easy Map SDK can be used stand-alone or in conjunction with the other modules, depending upon needs.

Render prints, wovens, knits, floor covering, wall covering, automotive and all other types of fabrications.

Render new colors, on appropriate selected product images.

YOUR BENEFITS EASY MAP BASE MODULES

Benefits Easy Map Creator

- Enhance the visualization of your ideas

- Generate excitement with clients

- Replace traditional photography

- Lower production costs

- Reduce samples

- Increase speed to market

- Generate marketing content

- Create new sales opportunities

- Offer unique service to customers

- Quickly realize return on investment (speed up decisions)

Benefits Easy Map Creator Pro

- Enhance the visualization of your ideas

- Quickly visualize your ideas

- Generate excitement with clients

- Replace traditional photography

- Lower production cost

- Avoid and reduce sampling

- Increase speed to market

- Generate marketing content

- Create new sales opportunities

- Offer unique service to customers

- Quickly realize return on investment (speed up decisions)

FASHION STUDIO SUITE FOR HOME DESIGN

The Modular Design Powerhouse for Home design.

Fashion Studio Suite satisfies all your design needs, whether you are a freelance designer, a home furnishing company or converter.

3 base modules helps you to process your projects:

- **Color Reduction & Cleaning:** instant processing of scanned designs*
- **Design & Repeat:** the instant design solution for home furnishing and textiles*
- **Easy Coloring:** offers instant recoloring and color management for prints, and designs*

Specific add-ons:

- **Storyboard & Cataloging:** An invaluable tool for home furnishing designers who need to present fabric designs, wall coverings, sketches, and color standards with all related merchandising content.

*__Printing Studio Suite__ is the high-end power version of the 3 base modules of Fashion Studio Suite: **Color Reduction & Cleaning Pro**, **Design & Repeat Pro** and **Easy Coloring Pro**. It comes with extra functionality to satisfy the most demanding users..

BASE MODULES:

- Color Reduction & Cleaning
- Design & Repeat
- Easy Coloring

ADD-ONS:

- Storyboard & Cataloging Pro

FASHION STUDIO COLOR REDUCTION & CLEANING

Color Reduction and Cleaning is one of the core modules of the Fashion Studio Suite that can be used stand-alone or integrated with other design components. It offers specialized image processing to interpret scans & digital photographs to ensure that designs and color variations result in the highest possible quality.

BASE MODULES:

Color Reduction & Cleaning

Design & Repeat

Easy Coloring

ADD-ONS:

Storyboard & Cataloging Pro

Use the pantone book to recolor directly your designs.
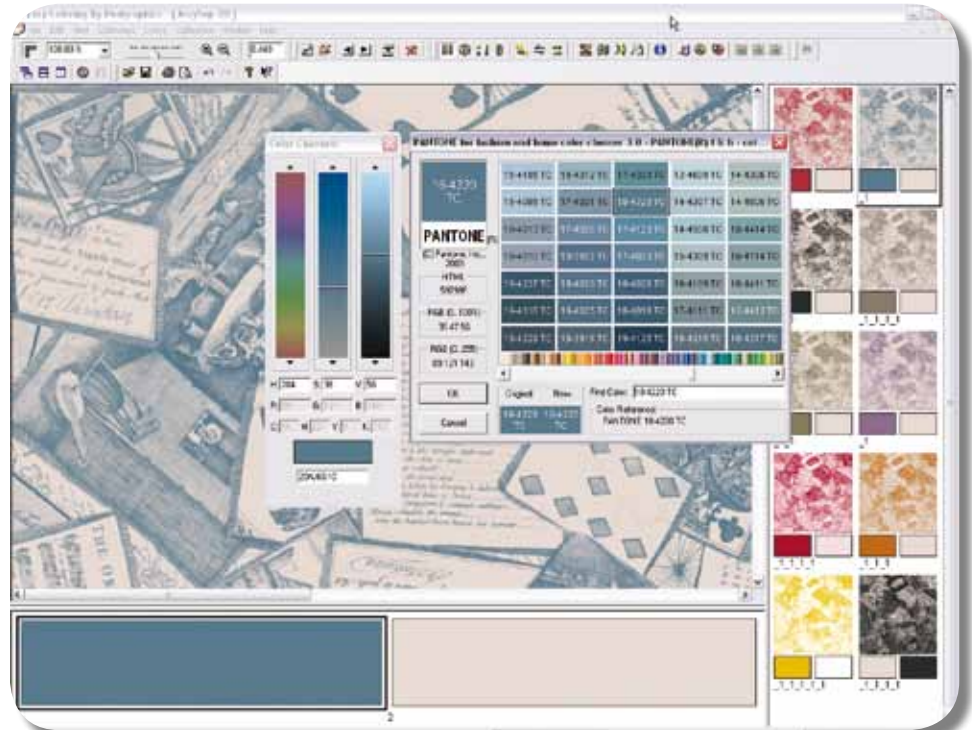
Using Color Reduction and Cleaning enhances the color management for any kind of design. Select the number of colors you require and the scan is automatically reduced.

Automatic cleaning filters can be applied so each color area is ready for design manipulation or coloring, without any random pixels or unwanted textures. Designers attempting to perform this process manually, in off-the-shelf photo retouching software, are challenged with an extremely confusing process and may never achieve the desired result.

Color Reduction and Cleaning is so much easier and is completely tailored to fashion and textiles. You can process perfectly flat colors or even manage the most sophisticated tonal watercolor effects.

Highlights and features

Extremely affordable solution for home and textile designers.

Dynamic module linking available from Design and Repeat.

Directly import scan files, digital photographs or any true color (RGB) file.

Advanced tools to change scan at start and remove the material effects from scanned fabrics.

Filter and reduce the number of colors; from millions in a scan, to the typical number that is desired for home and textile design applications.

Color reduction can result flat colors, textures, tonal and watercolor techniques.

Multiple views and preview windows display the color reduced result in real time, allowing for fine tuning of color selections.

Color selections are saved automatically and can be applied to multiple scans for the processing of large artwork.

Cleaning tools are specialized for to eliminate colors where they are not desired, and replace them with the desired colors.

Most techniques are completely automaticand can be applied by area or to the entire image.

Unique black and white "film" view, highlights colors to be cleaned
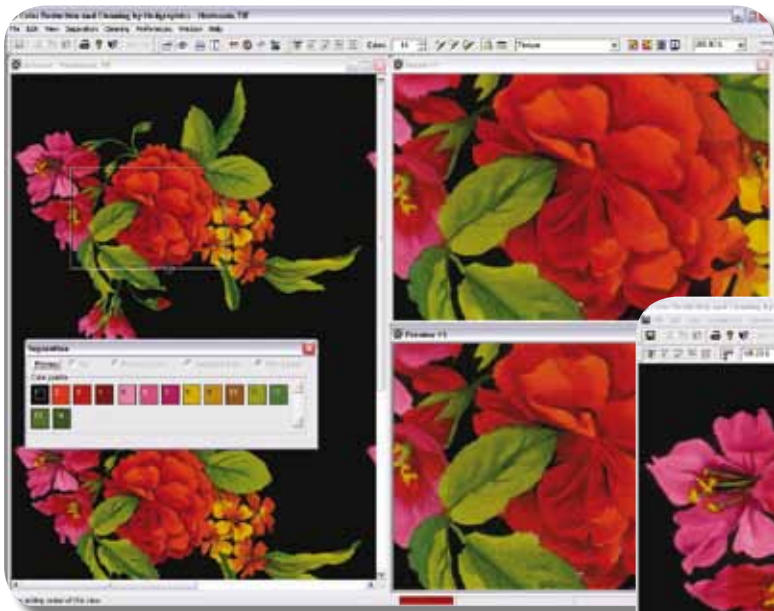
ReductionTonal.

RGB_Edit.

FASHION STUDIO DESIGN & REPEAT

Design and Repeat is the central module of the Fashion Studio Suite and a great fit for companies looking for an equally affordable and easy to use, advanced design solution. It has been fine tuned for designers, not technicians.

BASE MODULES:
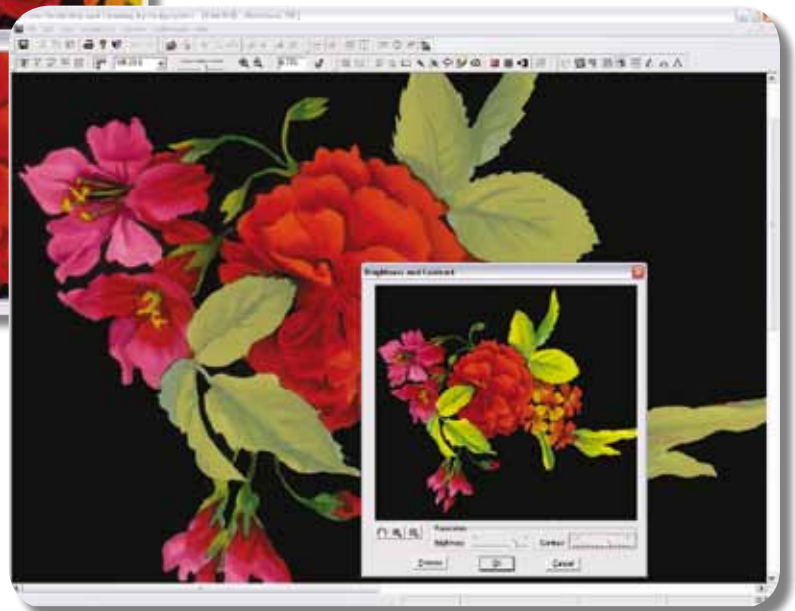
Color Reduction & Cleaning

Design & Repeat

Easy Coloring

ADD-ONS:

Storyboard & Cataloging Pro

With hundreds of design tools, Design and Repeat allows you to process designs with a minimal amount of training. Utilize sophisticated drawing and media tools, create designs from scratch, or manipulate elements from scanned artwork and fabrics.

Develop new concepts, collections and coordinating designs by copying motifs, applying textures, adding stripes and customize output to the precise scale and repeat size that is desired. Once the product is finalized, Design and Repeat offers file export in standard formats to productively collaborate with your customers and manufacturers.

Get more done, quickly and easily, while achieving the highest possible quality!

Highlights and features

Streamlined and dynamic linking to various modules of the Fashion Studio suite.

Supports all varieties of textile repeats, including complex mirroring.

Layer option for any kind of motifs.

Import any bitmap design or pattern with the Motif Base.

Directly select your wished motif or image colorway at work.

Offers a multitude of design functions for drawing and reproducing techniques.

Open and work between multiple files at the same time.

Visualize any number of interactive zoom views, simultaneously.

Motif.

Enhance designs or create coordinating patterns by isolating motifs, adding background textures, stripes, and effects.

No limitations for drawing over repeat boundaries.

Print results on paper or fabric printers for in-house decisions, customer presentations and as replacements for samples.

Advanced print layout options.

Directly design with specific symmetries with the kaleidoscope tool.

Reduce interpretation by exporting manufacturing ready digital file.

Visualize and play with repeat boundaries.

FASHION STUDIO EASY COLORING

Easy Coloring provides all the tools you need to recolor images from all modules within the Fashion Studio Suite.

BASE MODULES:

Color Reduction & Cleaning

Design & Repeat

Easy Coloring

ADD-ONS:

Storyboard & Cataloging Pro

With a full compliment of options for managing color, this well tested and industry proven solution is actually fun to use, while offering incredible productivity.

You can be up and running in a matter of hours creating beautiful print, knit and woven fabrics. Color variations for each design are automatically saved within the file, so you can easily track and archive all of your ideas.

Precise color matching is the name of the game and Easy Coloring can accurately control the output on virtually any type of printer. Compatible with ICC profiling, you can integrate Easy Coloring in a controlled color management environment, compatible with other programs. There is no limitation, just make your custom color atlases according to the desired naming and formatting. If you see a color, you can drag and drop it wherever you want. What could be easier?

Highlights and features

Create color variations for any type of home design including fabric prints, and wallcoverings.

Very affordable color management solution.

Dynamic module linking available from Design and Repeat.

Input custom color atlases, that will correspond with seasonal colors, collection colors, color libraries and color trends.

Utilize color palettes, maximizing the total number of colors achievable on any output devise.

Match color standards precisely on any output printer, very easily and without trial and error.

Apply monitor and printer profiles
using ICC calibration standards.

Print images with color chips and with
all related information needed.

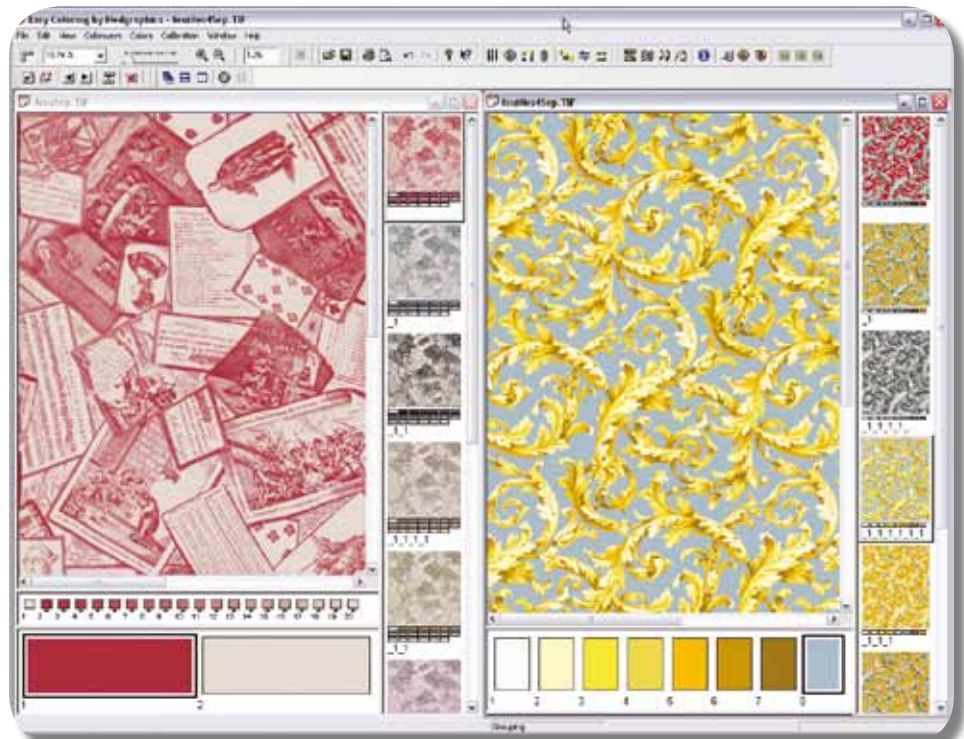Ensure accurate color matching in
production.

Advanced print layout capabilities.

Advanced colorways
namingcapabilities.

Advanced colorways exports.

Pantone® Colors Library compatibility
(CD Rom).

User friendly interface and easy
handling of the colorways.

PRINTING STUDIO SUITE FOR HOME DESIGN
The Ultimate Modular Design and Idea Promotion Powerhouse.

BASE MODULES:

- Color Reduction & Cleaning Pro
- Design & Repeat Pro
- Easy Coloring Pro
- Engraver Light

ADD-ONS:

- Delta Color Calibration
- Simulating Printed Fabrics
- Tonal Tracing
- ICM Color Plug-in
- Storyboard & Cataloging Pro

Thanks to its modular set up, Printing Studio can be tailored to your requirements;
3 base modules helps you to process your flat or tonal projects:

- **Color Reduction & Cleaning Pro:** The ultimate image processing solution: convert any image into a usable textile/ wall covering/ flooring design in seconds.*

- **Design & Repeat Pro:** To create and develop designs of the highest possible quality and use engraving tools for the most accurate preparation of manufacturing-ready digital files.

- **Easy Coloring Pro:** The ultimate coloration tool including a state of the art color management solution*

- **Engraver Light:** It is an extension to create full tone separations, including overprints and overlap/trapping from your Design and Repeat files.

Specific add-ons:

- **Delta Color Calibration:** Color calibration software for monitors and printers developed for processing graphic images and photos.
- **Simulation Printed Fabrics:** is the ideal solution for textile, home furnishing and wallcovering companies that are utilizing today's most advanced digital printing equipment.
- **Tonal Tracing:** The ultimate solution for tonal designs and the perfect Photoshop and engraving companion.
- **ICM Color Plug-in:** This plug-in adds support for ICC profiles to the NedGraphics programs and makes sure that your printers and displays use the same color calibration.
- **Storyboard & Cataloging Pro:** An invaluable tool for apparel designers who need to present fabric designs, garment sketches, and color standards with all related merchandising content.

*Fashion Studio Suite** contains light versions of the three base modules of Printing Studio Suite:
Color Reduction & Cleaning, Design & Repeat, Easy Coloring. It comes with an attractive price tag, ideal for starters or adding additional stations with basic functionality.

Printing Studio Suite satisfies all CAD related needs in the home textile and design industries. Process any image and transform it into a relevant textile design.

Combine, match and create coordinate patterns and design collections. Create new colorways using intuitive color tools or color matching systems. Import color ideas from older collection and refresh them. Create high quality prints and use the most advanced textile design storyboard and layout editor for the home market. E-mail color consistent views to your business partners throughout the world. Thanks to its modular set up, Printing Studio can be customized to your specific requirements and needs.
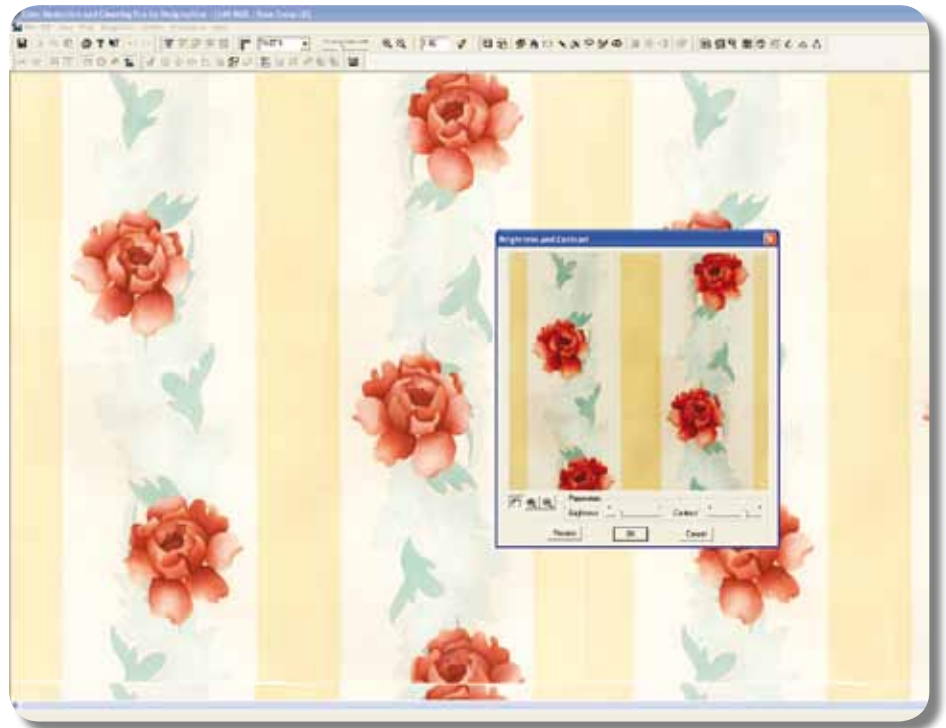
Color reduction & Cleaning: RGB edit Brightness & contrast.

PRINTING STUDIO COLOR REDUCTION & CLEANING PRO

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

ADD-ONS:

Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard & Cataloging Pro

Today's textile and home furnishing designers demand unparallel performance from software that is easy to use, while also delivering the highest possible quality. Color Reduction and Cleaning Pro is one of the core modules of the Printing Studio suite and offers some of the most specialized and versatile tools for processing scans of artwork and fabric samples alike.

While scans capture an unlimited number colors, our customers are challenged with the interpretation of the scan into a precise number of flat and tonal colors. Several color reduction techniques can be applied, depending on the design type, and the real time preview window assures that you'll achieve the result that you want, in the least amount of time. Following color reduction, a full compliment of cleaning tools can be accessed to remove unwanted imperfections. As most of the cleaning tools can be applied automatically, the user will spend a minimal amount of time manually replacing stray dirt, fabric textures or pencil lines. This is one of the most essential and beneficial offerings in the Printing Studio suite.

The latest version of Color Reduction and Cleaning Pro also allows to put the original artwork files (delivered by the design studios or scanned locally) into repeat, thus allowing to keep all the detail and richness before the separation starts. New color matching methods make it now very simply to convert almost any graphics image with gradient colors, halftones and flatcolors into textile designs thereby increasing they creative dynamics of the colections of our home textiles and design customers. Based on the separations colorways that predict future product collections may generated in minutes and presented to customer via e-mail or high quality prints. With Color Reduction and Cleaning Pro customer orders can now be attained without the obligation to produce and store expensive samples. Best of all, no special engraving knowledge is required to get these result because the knowledge is part of Color Reduction and Cleaning Pro..

2 color group seperate mask.

Adjust Reapeat boundaries.

Highlights and features

Scan directly with industry standard Twain drivers.

Fix the repeat with basic tools such as: clone, brush, motifs.

Reduce and separate the number of colors: from millions in a scan, to the typically much smaller number that is desired for apparel, textile and wallcovering applications.

Import scan files, digital photographs or any true color (RGB) file from other graphic applications.

Merge multiple scans with sophisticated rotation and alignment tools and edit the result with a full range of motif and clone tools in repeat!

Color reduction can result flat colors, textures, tonal and the most complex watercolor techniques.

Multiple views and preview windows display the color reduced result in real time, allowing for step by step control.

Dynamic module linking available from Design and Repeat Pro.

Access cleaning tools directly in Design and Repeat Pro.

Cleaning tools are specialized for apparel and textile specific processes that eliminate colors where they are not wanted and replaces them with the correct colors automatically.

Unique black and white "film" view, highlights colors to be cleaned.

Layering technology allows the visualization of the original scan under the color reduced image aiding in cleaning decisions.

Provides a wide range of separation techniques for flat colors, textures, tonal and the most complex watercolor designs incl. the new 2 Tone Color Shading.

Multi-layer tonal and flat separations can be generated immediately (a plug-in provides compatibility with Adobe® Photoshop®).

Available as an upgrade from Color Reduction and Cleaning.

PRINTING STUDIO **DESIGN & REPEAT PRO**

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

ADD-ONS:
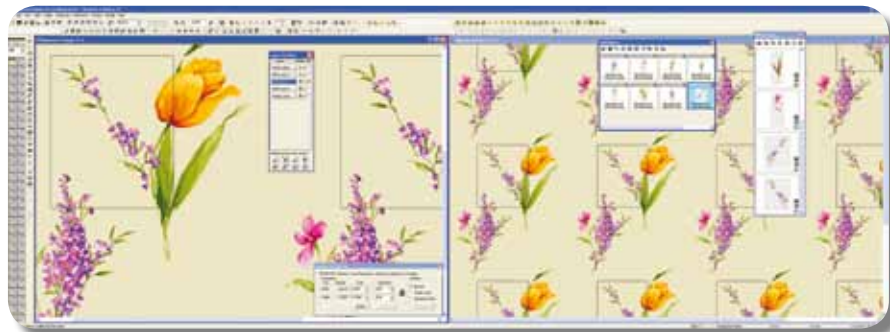
Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard & Cataloging Pro

Design and Repeat Pro is one of the core modules of the Printing Studio Suite and is easily the most advanced and widely used solution currently available.

The need to create and develop designs of the highest possible quality is critical for today's home furnishing, textile design and retail companies. With large investments in original artwork, fabric samples, trend services and the creative talent necessary to address them, our customers need to quickly turn ideas into marketable products.

With its signature option for multiple view operation, no other program lets you see more of the design more of the time.

In addition to the design capabilities, Design and Repeat Pro offers a full compliment of engraving tools for the most accurate preparation of manufacturing-ready digital files.

Capture all of your original concepts, strengthen them through flexible collaboration and ensure they are accurately communicated through final production.

Highlights and features

Great fit for designers who are looking for the most tools available, catering to advanced users.

Visualize any number of interactive zoom views, simultaneously.

Supports all varieties of textile repeats, including complex mirroring.

Manage repeats with curved joins.

Layering technology for management of vector objects, including native Adobe® Illustrator® files.

Open and work between multiple files at the same time.

Manage color overlays and fall-on color mixing, with full control to define the resulting color. Including production color prediction.

Streamlined and dynamic linking to various modules of the Printing Studio suite.

Option for direct access of cleaning functionality.

Print results on paper and direct digital fabric printers.
Reduce interpretation by exporting manufacturing ready digital files.

Color separation overlay and trapping tables for accurate engraving.

Output color separations to paper or film plotters.

Export digital separations for rotary and flat screen engraving including lacquer, galvano, ravure, flexograhic and wax techniques.

Drives the latest direct digital printing and engraving machinery.

PRINTING STUDIO EASY COLORING PRO

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

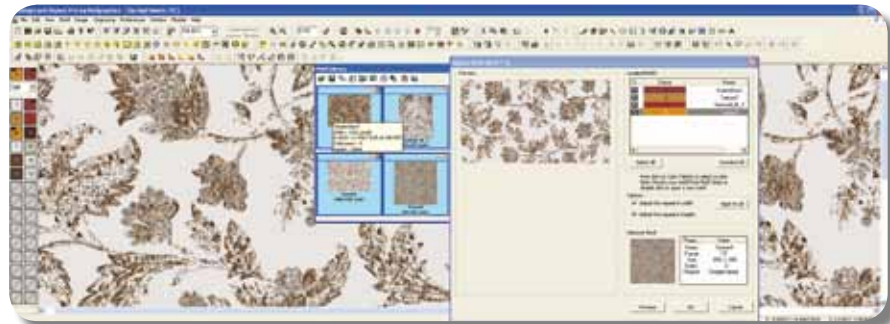**ADD-ONS:**

Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard & Cataloging Pro

Easy Coloring Pro is a user-friendly, yet sophisticated program, offering users a unified and accurate color management system. The software will address the entire color workflow, from initial concept through final production.

Easy Coloring Pro allows designers and color industry experts alike the ability to quickly recolor prints, designs and wallcoverings. The software automatically matches the desired color standard on virtually any output device. Design coloration and color research can be applied to files originating from any other NedGraphics' software, as well as most other graphic packages. You will be amazed how much fun this solution can be, while making beautiful colorings of your home furnishings and textiles products.

Easy Coloring Pro offers one of the most advanced color calibration engines available today. Because it is fully compatible with Windows ICM/ICC color management, it ensures color fidelity from monitor, to printer, to final product. All of this is possible with just a few hours of training.

The lastest version Easy Coloring Pro contains an intelligent expert coloration systems which allows to program automatic coloration proposals based on color collections defined by the user. Therefore the Easy Coloring Pro can generate many colorways using for example only the latest trend- or customer colors. Certain color (mostly black and white) can be reserved so not automatic changes are carried out. Easy Coloring Pro can now also deal with with halftone and mixing colors if the separation were carried out in Color Reduction and Cleaning Pro. And last but not least the print of simple or multiple colorways may now be personalized in a professional way making Easy Coloring Pro almost a complete print layout editor. Easy Coloring Pro is therefore to bring colorways and color ideas for almost any design to the salesfore and to the endcustomer. However, sometimes it may be necessary to to simulate the future production with the highest fidelity (including such effects as mat white, reactive reserve etc). In these cases we advise to complete or to replace Easy Coloring Pro with Simulated Printed Fabrics.
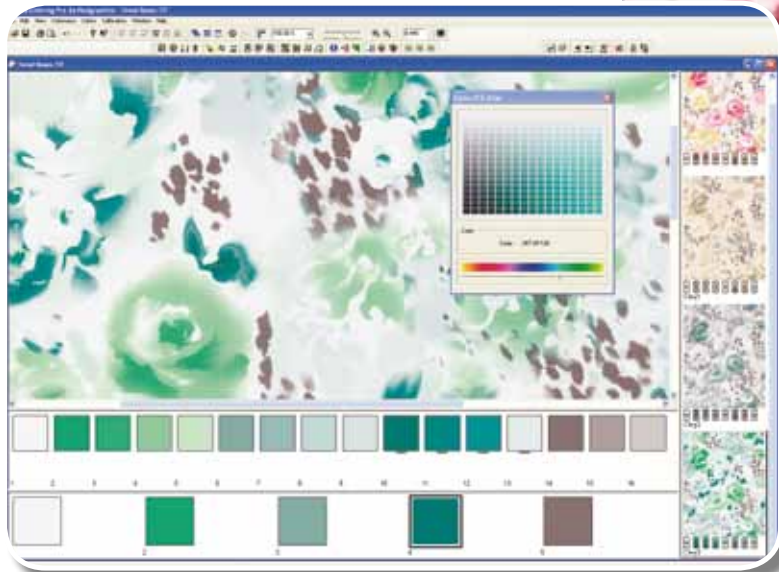

Color adjustment.
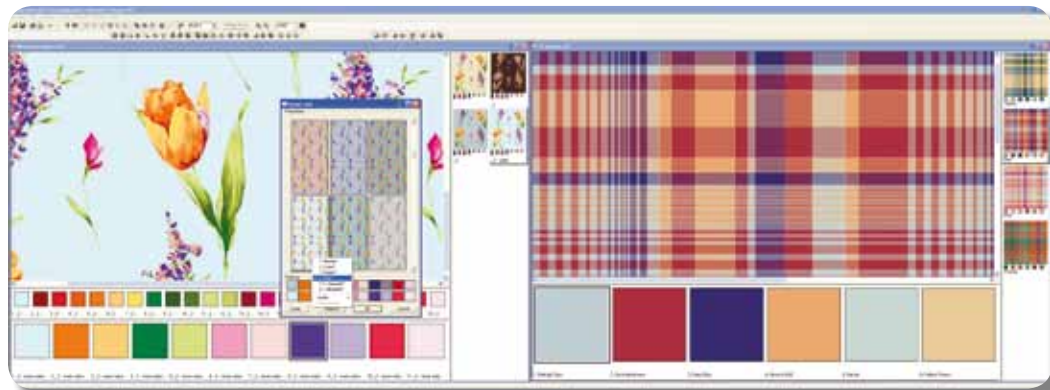
Screen Shot use of General Plug-in PANTONE Digital Library into Easy Coloring.

Input custom color atlases that correspond with seasonal colors, collection colors, color libraries and color trends.

Highlights and features

Create color variations for any type of home design including fabrics, prints, and wallcoverings,.

Save and manage all color variations within one main file.

Input custom color atlases that correspond with seasonal colors, collection colors, color libraries and color trends.

Utilize color palettes, maximizing the total number of colors achievable on any output device.

Match color standards precisely on any output printer, easily and without trial and error.

Realistic prediction of fall-on colors according to dye types and substrates. Dynamic module linking available from Design and Repeat Pro.

Available as upgrade from Easy Coloring.

Print images with color chips and all related color information.

Color calibration environment that matches color from monitor to monitor and from monitor to the printed color, for paper and digitally printed fabric.

Direct spectrophotometer interfaces measure, compare and match colors.

Import and export digital color file formats for the most accurate communication of color with customers and vendors.

Compatible with products from Gretag-Macbeth, X-Rite, Datacolor International and Konica Minolta.
 Apply monitor and printer profiles using Delta or ICC calibration standards.

Real-time color gamut indication for related device profiles.

Advanced print layout capabilities.

PRINTING STUDIO ENGRAVER LIGHT

BASE MODULES:

Color Reduction
& Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

ADD-ONS:

Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard &
Cataloging Pro

If you want to make engraving files from your Design and Repeat files you need Engraver Light. It is an extension to create full tone separations, including overprints and overlap/trapping from your Design and Repeat files.

PRINTING STUDIO ADD-ON **DELTA CALIBRATION**

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

ADD-ONS:

Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard & Cataloging Pro

All current standard color calibration software for monitors and printers have been developed for the processing of graphic images and photos.

Invariably these applications strive to reproduce the global content of these images (which may contain thousands of different colors) correctly. Their approach is always a compromise of global fidelity and the accuracy of the individual color.

Unfortunately, this is an insufficient approach when it comes to dealing with products for the home and textile markets. These images are produced by mixing very few spot color (including their halftone steps). Normally each color is defined by a well known color code (such as Pantone) or a production recipe. Therefore it is of the highest importance that each single color is reproduced with the highest possible accuracy on the printer or the PC monitor.

Delta Calibration has been specifically developed for these specific requirements of our home and textile customers and produces outstanding results once high quality printers and monitors are used.

PRINTING STUDIO ADD-ON **SIMULATING PRINTED FABRICS**

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

ADD-ONS:

Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard & Cataloging Pro

Simulating Printed Fabrics, True Color (SPF/TC) is the ideal solution for textile, home furnishing and wallcovering companies that are utilizing today's most advanced digital printing equipment. For strike-off and sample replacement applications, SPF/TC gives users complete control for generating realistic simulations of what will be achieved in actual production.
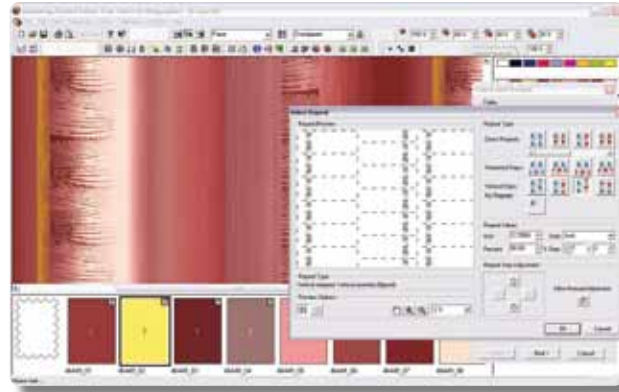
With the advent of ever faster and more sophisticated machinery available, SPF/TC can also drive final production runs, with designs that are free of the constraints of more traditional printing methods.

Due to the ability to manage an unlimited number of colors, there are no limitations to what you can achieve in the revolutionary direct digital printing environment.

The latest version of SPF also allows to exploit your existing but inactive stock of screen. Define a large enough sample area and print any of you existing screen in any combination. You would surprised at number of screen that can be used again and be made profitable.
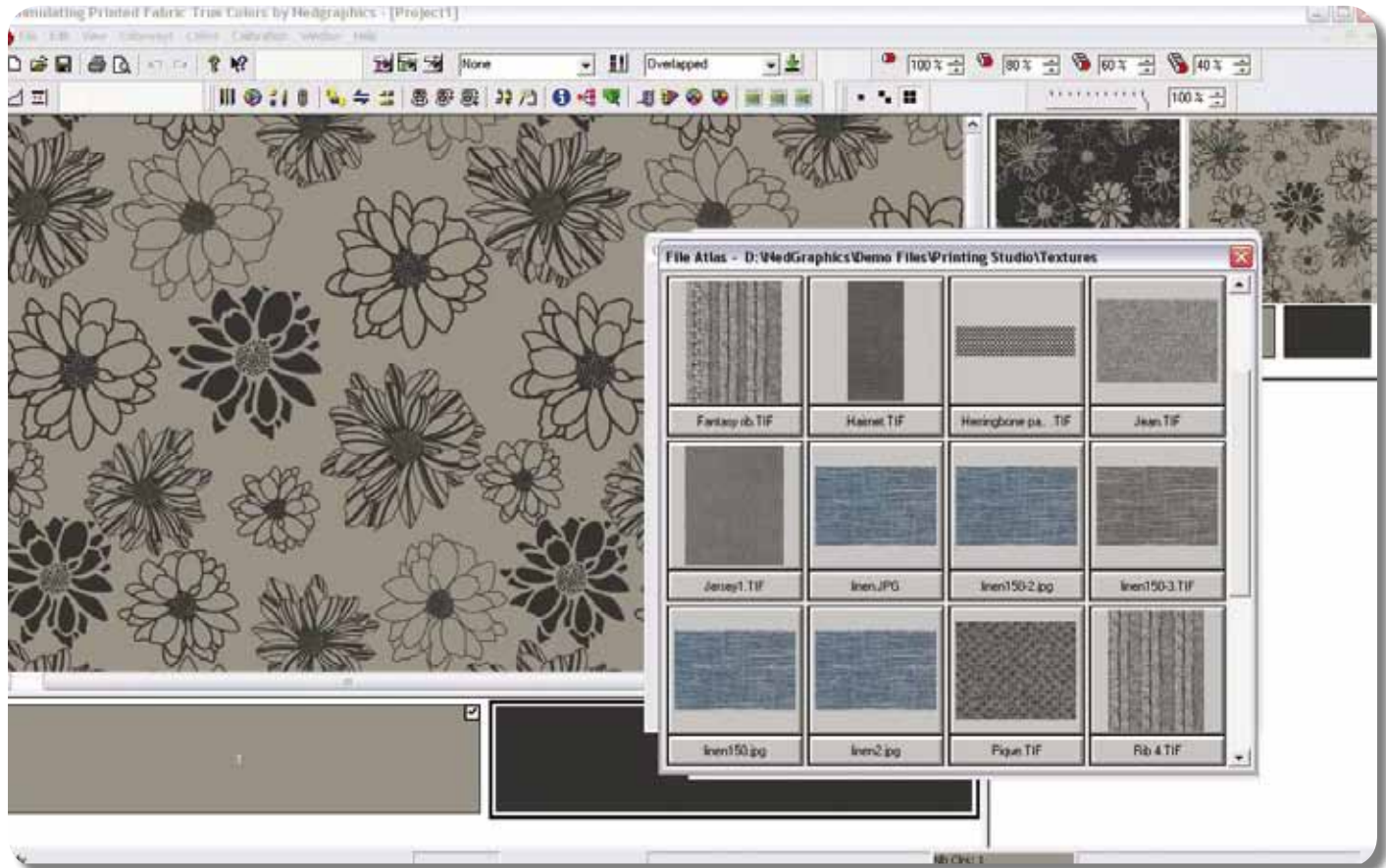
Highlights and features

Specialized application for the accurate simulation of printed textile and wallcovering products.

Compatible with EnCAD, Mimaki, Motoh, Stork, DuPont and most other printing equipment manufacturers.

Export color calibrated files to be printed from most industry specific RIP applications and printer drivers.

Reconstruct digital engraving separation files for coloring variations.

Build design files from reconstructions of flat, gray scale or simulated rasters.

Layer technology manages full 256 color tones, per color.

Save and manage all color variations within one main file.

Input custom color atlases that will correspond with seasonal colors, collection colors, color libraries and color trends.

Utilize specialized color palettes, maximizing the total number of colors achievable on any output device.

Match color standards precisely on any output printer, easily and without trial and error.

Dynamic module linking available from Design and Repeat Pro.

Color calibration environment that matches color from monitor to monitor and from monitor to the printed color, for paper and digitally printed fabric.

Direct spectrophotometer interfaces measure, compare and match colors.

Advanced print layout capabilities.

Compatible with products from GretagMacbeth, X-Rite, Datacolor International and Konica Minolta.

Apply monitor and printer profiles using Delta or ICC calibration standards.

Real-time color gamut indication for related devise profiles.

Print images with color chips and with all information needed.

Realistic prediction of fall-on colors according to dye types and substrates.
Simulates resist, dot gain or bleed, over-printing and platform effects.

Import and export digital color file formats for the most accurate communication of color with customers and vendors.

PRINTING STUDIO ADD-ON **TONAL TRACING**

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

ADD-ONS:

Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard & Cataloging Pro

While Tonal Tracing is a module of the Printing Studio Suite, it can also be used as a stand-alone solution, offering all of the tools necessary to process a tonal file from scan to final production ready color separations.

Tonal Tracing offers a full compliment of true color drawing and repeat tools, along with the ability to extract full tonal layers, with unlimited color mixing.

In combination with NedGraphics Tonal Plug-In (NTP), Tonal Tracing can also be considered as the perfect 'repeat' companion to Photoshop for single layer 24bit files or multi spot channel separations.

Once designs have been separated into tonal layers, colorations can be performed with our signature simulation of bulk production for various colorants such as reactive, pigment, heat transfer and wall-covering methods.

Color separations can be exported in production ready gray-levels or rasterized for more traditional film plotting.

Tonal Tracing can also be used as a stand-alone solution, offering all you need to process a tonal file from scan to final production ready color separations.

Highlights and features

Great fit for designers and engravers who are looking for specialized tools catering to the processing of the most complex tonal designs.

Sophisticated layering technology.

True color drawing tools, images filters and repeat functionality.

Open and work between multiple files at the same time.

Manage color overlays and fall-on mixing, including production color prediction.

Isolate and extract tonal color separations on multiple layers. Gamma curve correction for tonal gradations.

Colorway creation and manipulation in true color.

Layered files may be exported and recolored in Simulating Printed Fabric True Color.

Import files from Color Reduction and Cleaning pro, preserving color layers.

Generate true gray-scale digital color separations engraving processes.

Apply production raster or dot structure, to be exported for more traditional engraving techniques.

Sophisticated separation overlay and trapping tables for accurate engraving.

CMYK separations with spot color additions for wallcoverings.
Drive direct digital engraving equipment.

Drive the latest digital textile printers.

PRINTING STUDIO ADD-ON **PLUG-IN ICM COLOR ENGINE (ICC)**

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

ADD-ONS:

Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard & Cataloging Pro

This plug-in was developed as an answer to the needs of the customer to get control of colors.

This control is obtained through the use of ICC profiles on your printers and displays and is fully Windows compatible across different hardware platforms is guaranteed.

The ICM Color Engine plug-in also ensures correct color communication with 3rd party software applications like Photoshop. This plug-in integrates with the Pantone Digital Color Library to use calibrated Pantone colors in your designs and get the correct look of your simulations on paper and on screen. The plug-in is now also ICC V4 compliant.

The ICM Color Engine plug-in adds support for ICC profiles to the NedGraphics programs. ICC support will allow you to obtain accurate and consist colors to your design and product presentation workflow. ICC profiles can be created for your monitor and printer using color calibration solutions from for example X-Rite.

Don't forget to look at our X-Rite products which will help keep you ahead of the competition.

FASHION STUDIO AND PRINTING STUDIO ADD-ON
STORYBOARD AND CATALOGING PRO

BASE MODULES:

Color Reduction
& Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Engraver Light

ADD-ONS:

Delta Color Calibration

Simulating Printed Fabrics

Tonal Tracing

ICM Color Plug-in

Storyboard &
Cataloging Pro

Storyboard and Cataloging Pro is a sophisticated and unique Home and Textile design application.

For the creation of presentations, storyboards, line sheets, product collections, inspiration boards, color trend sheets, and catalog pages.

It is an invaluable tool for home furnishing designers who need to present fabric designs, interior prints, and color standards with all related merchandising content.
Just about any type of graphic file can be accessed through the use of dedicated file browsers and the content manipulated with simple drag and drop positioning, with no limitations on layering, ordering and grouping. Once completed, the presentation can be saved and when opened again, all of the objects are still fully editable.
Because Storyboard and Cataloging Pro is also OLE compatible, users can import objects from all native Windows software and the program remembers the source.
Double-clicking an OLE the object will automatically launch the source application and any editing that is done, will automatically update on the presentation.
With thousands of users worldwide, this is the most advanced and proven solution available today!
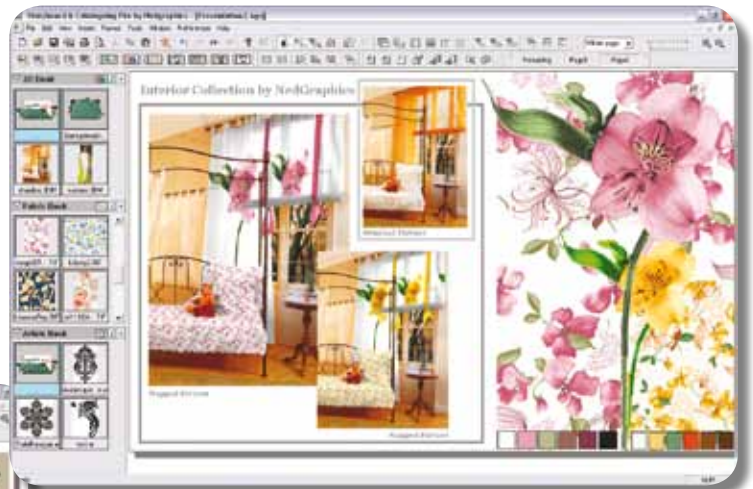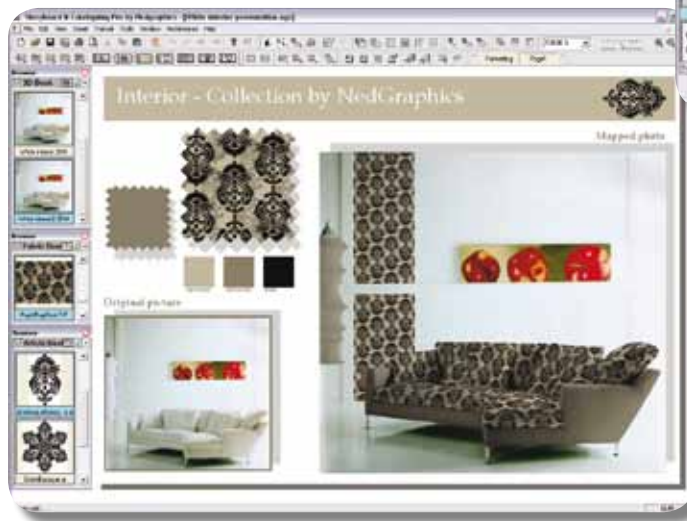
Browse fabric images and then drag and drop, position, scale, crop, stack, layer, and organize in any combination.

Highlights and features

Multi pages management.

Create storyboards, inspiration boards, and related presentations.

Design garments, apparel line sheets, collection boards and color trend palettes.

Direct access to the colorways, generated within the Fashion and Printing Studio application, of a design displayed on board or already filled into a shape.

Arrange page layouts with images and text to create catalog content.

Browse fabric images and then drag and drop, position, scale, crop, stack, layer, and organize in any combination.

Drag and drop fabrics to fill garment sketches using sophisticated grain lines that rotate and scale designs automatically to garment specifications.

Import photographs and drag and drop fabrics that will map and drape photo-realistically.

Maximize media usage for large format peripherals, with layout functionality.

Sophisticated text and logo capabilities.

Open presentations and all objects and parameters are fully editable.

Move the mapped fabrics directly from the 3D pictures or the filled in shapes.

You can map vectorial or bitmap shapes.

Template feature allows for quick creation of standard layouts.

Import files and then OLE link to other native Windows programs.

Import Adobe® Illustrator® (AI) files.

Edit the file and Illustrator® will be launched, with any changes updated automatically.

Fully compatible with the Snap Fashion® garment libraries.

Optional virtual garment library from Optitex®.

Print directly on any printer or export presentations in standard digital formats.

Export directly to Adobe® PDF or InDesign page layout solution.

Put callouts to point out and comment details on your documentation.
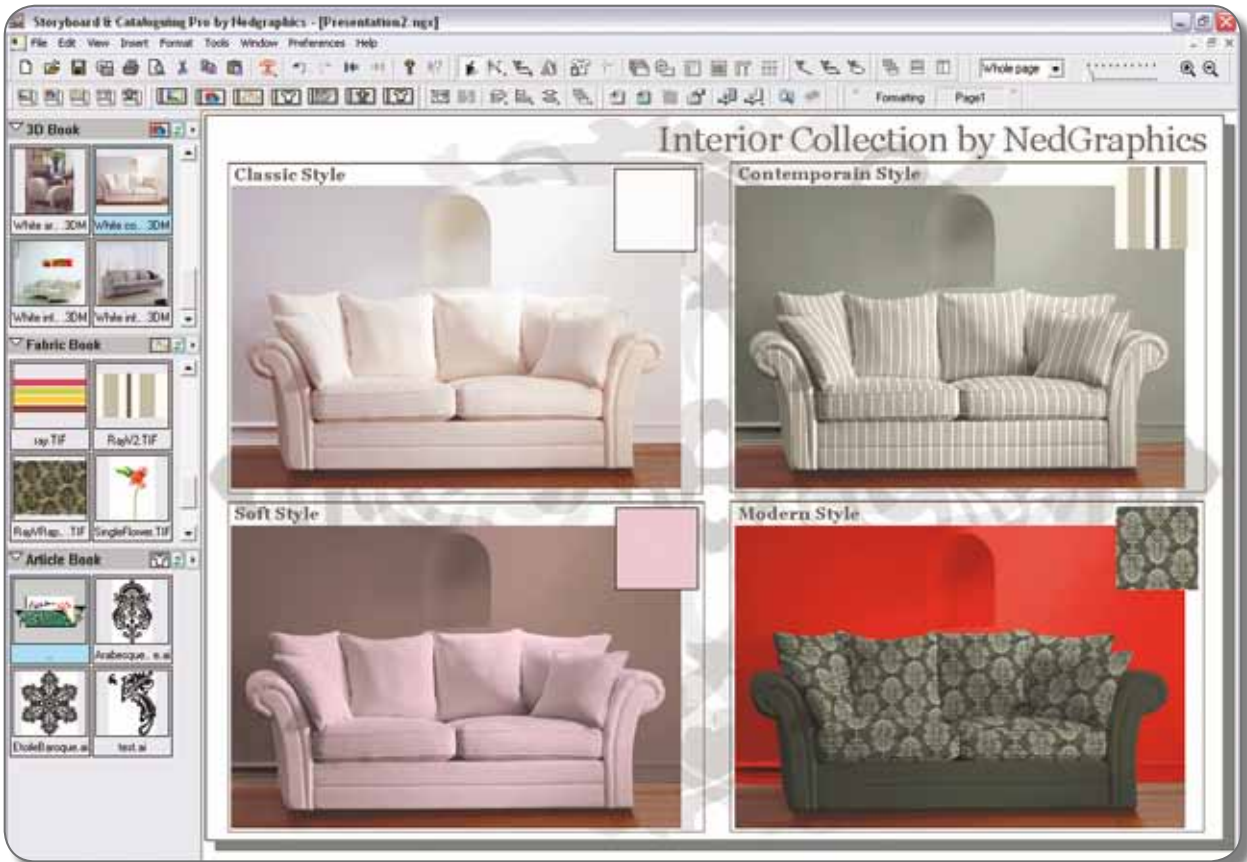
Develop new sales opportunities by using Storyboard and Cataloging.

YOUR BENEFITS PRINTING STUDIO BASE MODULES

Color Reduction & Cleaning Pro

- Improve speed and accuracy
- Translate ideas into products
- Maximize creative control
- Reduce steps in workflow
- Boost performance
- Empower staff
- Increase revenues
- Remove guesswork
- Build competitive advantage
- Achieve highest quality
- Build user confidence
- Automate manual processes
- Quickly prepare files for coloring

Design and Repeat Pro

- Experiment more confidently
- Increase productivity
- Strengthen concepts
- Enhance artistic creativity
- Build sales
- Boost customer loyalty
- Reduce manual processes
- Better manage digital assets
- Enhance accuracy and quality
- Improve collaboration with suppliers
- High control on color communication
- Remove guess work
- Quickly express ideas
- Reduce traditional samples
- Control manufacturing
- Reduce outside service costs
- Maximize competitive advantages

Easy Coloring Pro

- Giving you more choices
- Reduce outside service costs
- Create top selling products
- Increase user satisfaction
- Improve communication
- Enhance efficiency
- Eliminate errors
- Impress clientele
- Accelerate workflow
- Manage digital color assets
- Bring products to market faster
- Control creative workflow
- Increase productivity
- Build revenue
- Save time and supplies
- Bolster user satisfaction
- Realize immediate return on investments

YOUR BENEFITS ADD-ONS

Tonal Tracing

- Bypass need for traditional samples

- Improve sharing of information

- Simulate production results

- Achieve highest quality

- Enhance flexibility

- Increase margins

- Reduce costs

- Impress customers

- Expand sales opportunities

- Streamline manufacturing workflow

Storyboard & Cataloging Pro

- Expand competitive advantages

- Improve presentation quality

- Quickly manage digital assets

- Excite your customers

- Create rich content

- Empower staff

- Replace manual processes

- Develop new sales opportunities

- Expand sales opportunities

- Enhance communication with suppliers

EVOLUTION PRINT FOR HOME DESIGN

The state of the art textile/graphics print solution.

NedGraphics and DigiFab System present: Evolution Print - the state of the art textile/graphics print solution for digital large format printing or multiple printer configurations. Evolution Print combines ease of use with a powerful textile/graphics RIP and print server. Simply open the different colorways of your designs and fill one or more printing areas with the defined repeat.

Evolution Print can deal with any type of repeats because all calculations are carried out on the fly. All relevant bitmap and vector file formats can be processed. The user also benefits from advanced layout features for presentation boards or to print multiple images at once.

The color management is fully ICC compatible and has full control over inks and print heads through linearization capabilities, ink reduction, ink limiting as well as channel and head mapping.

Evolution Print integrates seamlessly with the NedGraphics software packages allowing for a fast and high quality output on modern printers of all sizes for digital production or sampling.

Main features

- **Reads NedGraphics colorways and repeats.**

- **On the fly continuous printing with any repeat.**

- **Color palettes and image information in print header.**

- **Total ink and print head control.**

- **Print Server/Spooler for multiple printers.**

Compatible printers:

Encad / Mimaki / Roland / Epson HP / Dupont / and more...

We support many printer brands and models. Since we write our own drivers, we can develop drivers for your printer.
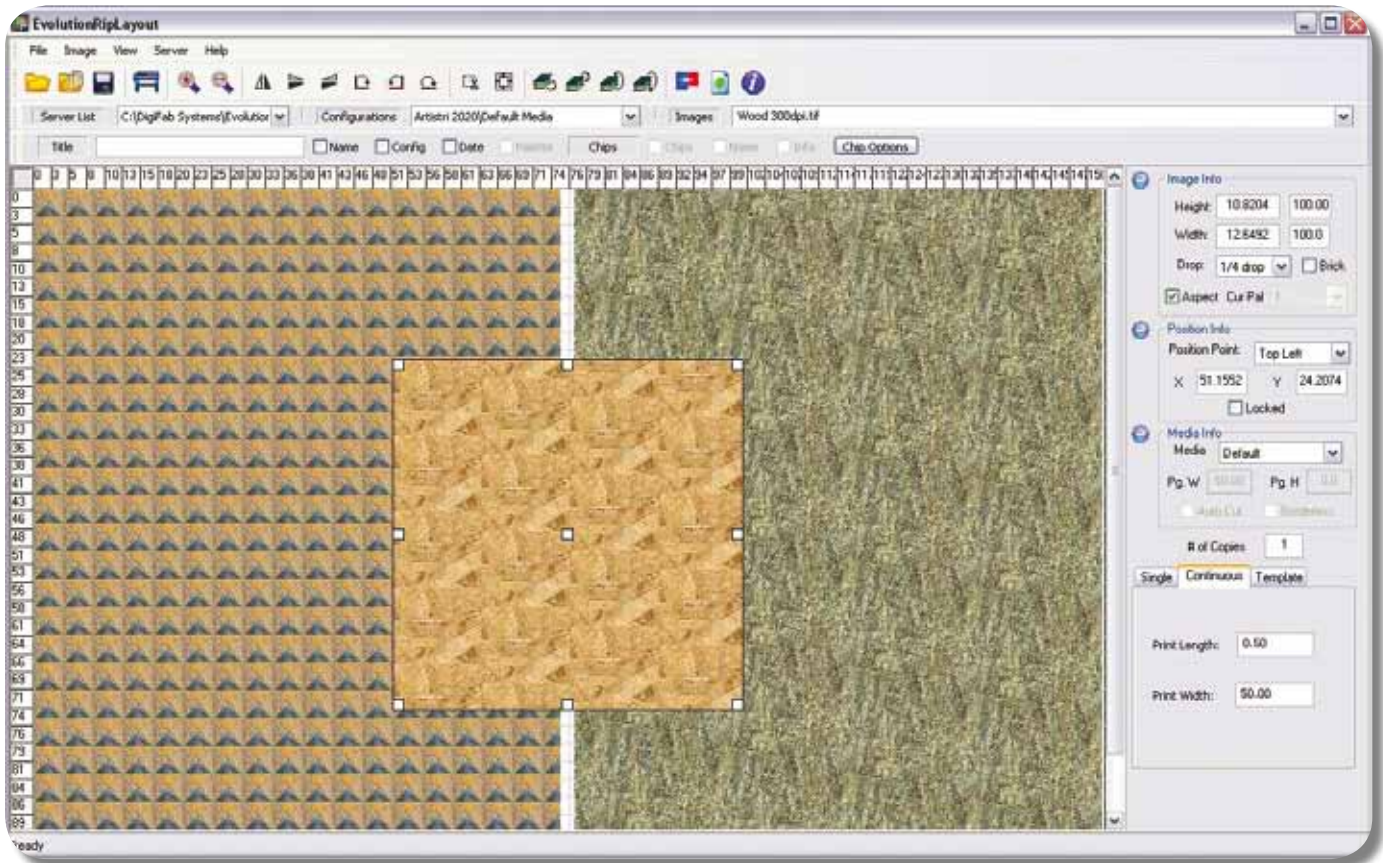
REPORT DESIGNER FOR HOME DESIGN

## Make clear reports and catalogs in an easy way.

Report Designer is a very flexible reporting tool with full image support and WYSIWYG (What You See Is What You Get) editor to create reports and catalogs that can contain data from different data sources. The tool is fully integrated in the NedGraphics software or can be used as a stand-alone application and is available as SDK (Software Development Kit).

With Report Designer you can make clear reports in an easy way. Just drag and drop information from your database or CAD file in the template you have created. Virtually any layout is possible with the new WYSYWIG editor. After defining the template you select the items from CAD or DesignCOM to create your own reports or catalogs.

Most important is that the final report or catalog result can still be adapted to your wishes before printing. This is a unique feature which you will not find in any other reporting tool.

Features

• Easy to create custom templates using a WYSYWIG editor.

• Print commercial and technical data in any desired layout.

• Fine tune and optimize the generated report or catalog before printing.

• Dynamic content based layout flow.

• Templates with hierarchical / nested information.

• Select items from DesignCOM and print directly from the CAD/CAM application: it is not necessary to open the Web browser to print.

• Print directly to printer, PDF and HTML.
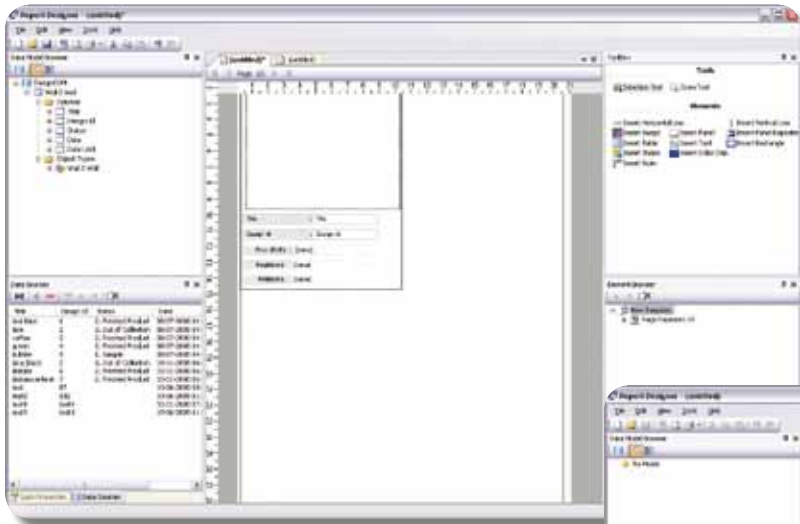
Integration with DesignCOM.
Drag and drop data elements into the layout.
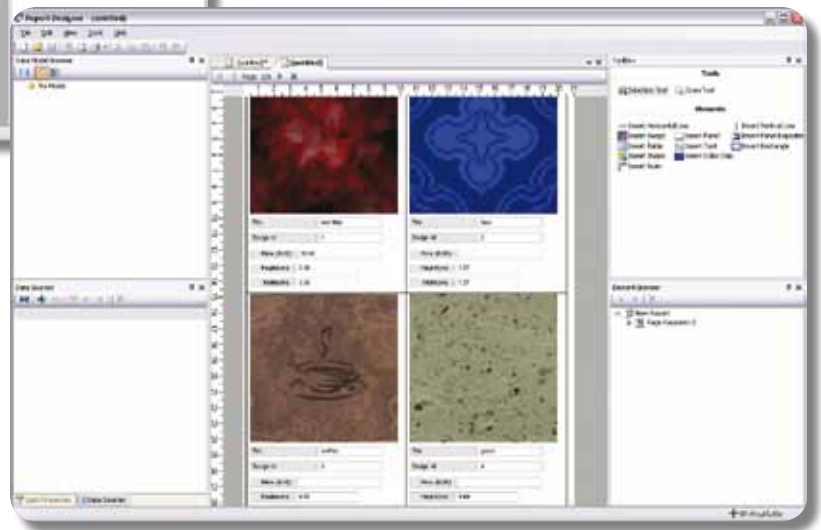
X-RITE FOR HOME DESIGN

Color tools to ignite your imagination.

right on **color**

The cooperation with X-Rite enables NedGraphics to provide design and textile companies calibrated design and presentation solutions.

NedGraphics has entered into a worldwide distributor agreement with X-Rite to bundle color calibration and color management solutions from X-Rite with the NedGraphics home design and textile software solutions. Furthermore, both companies agreed to work together to enable design and textile companies obtaining a smooth product creation workflow in a color calibrated and color managed environment using NedGraphics and X-Rite solutions.

Color specification, color visualization, color management and obtaining color consistency throughout the workflow are essential in home furnishing industry. Home and textile designing is now done mostly with computers. Furthermore, enormous progress is made in creating accurate digital textile simulations, digital archiving and digital "internet" communication of product information and the use of virtual merchandising tools. Therefore accurate visualization and management of colors in a digital environment has become increasingly important.

NEDGRAPHICS COMPANY PROFILE

The NedGraphics Partnership Advantage

- Over 25 years experience in retail, apparel, home furnishings, textiles, wallcoverings and floorcoverings
- Solutions are fine-tuned and focused with dedication to our customer's needs
- Continuously growing market share with new customers added weekly
- Proven software solutions, used by thousands of satisfied customers
- Corporate stability ensures long- term relationships
- Migration strategies to consistently replace competitive offerings
- Unequaled staff of industry experts who understand your business
- Large portion of revenue invested back in to research and development
- Global responsiveness with several main offices and vast distributor network
- NedGraphics is a subsidiary of NedSense Enterprises NV. NedSense is listed on the NYSE Euronext Amsterdam Exchange.

Customer Support and Upgrades

- Help-desk response provides phone and e-mail software support worldwide
- Call resolution and tracking software ensures quality control
- Toll free calling in many areas
- Software updates released every year
- New versions exhibit cutting-edge innovations
- Customer wish lists and suggestions fuel upgrade strategies
- Newsletters, success stories and website keeps customers informed
- User Groups, Webinars and trade shows offer frequent global interaction with customers

NedGraphics Software Advantages

- Single, or optionally enhanced, dual monitor working environment
- Interactive status information bars and icon roll-over tool tips
- Microsoft® Windows XP and Windows 7
- MAC compatible as well
- Standard drivers for all peripherals
- OLE (Object Linking and Embedding)
- On-line help and user manuals
- Standard installation procedures
- Multiple undo and redo functionality
- Import and Export all standard file formats
- Drag and drop available for many functions
- Open and work on multiple files at the same time
- Open and work with multiple zoom levels, interactively
- Advanced color calibration with Delta and ICC standards supported
- Access unified color palettes and custom color atlases
- Work with Pantone Colors and Xrite color management peripherals

NedGraphics is compatible with: