FASHION DESIGN

Apparel & Accessories
Retail

ABOUT NedGraphics

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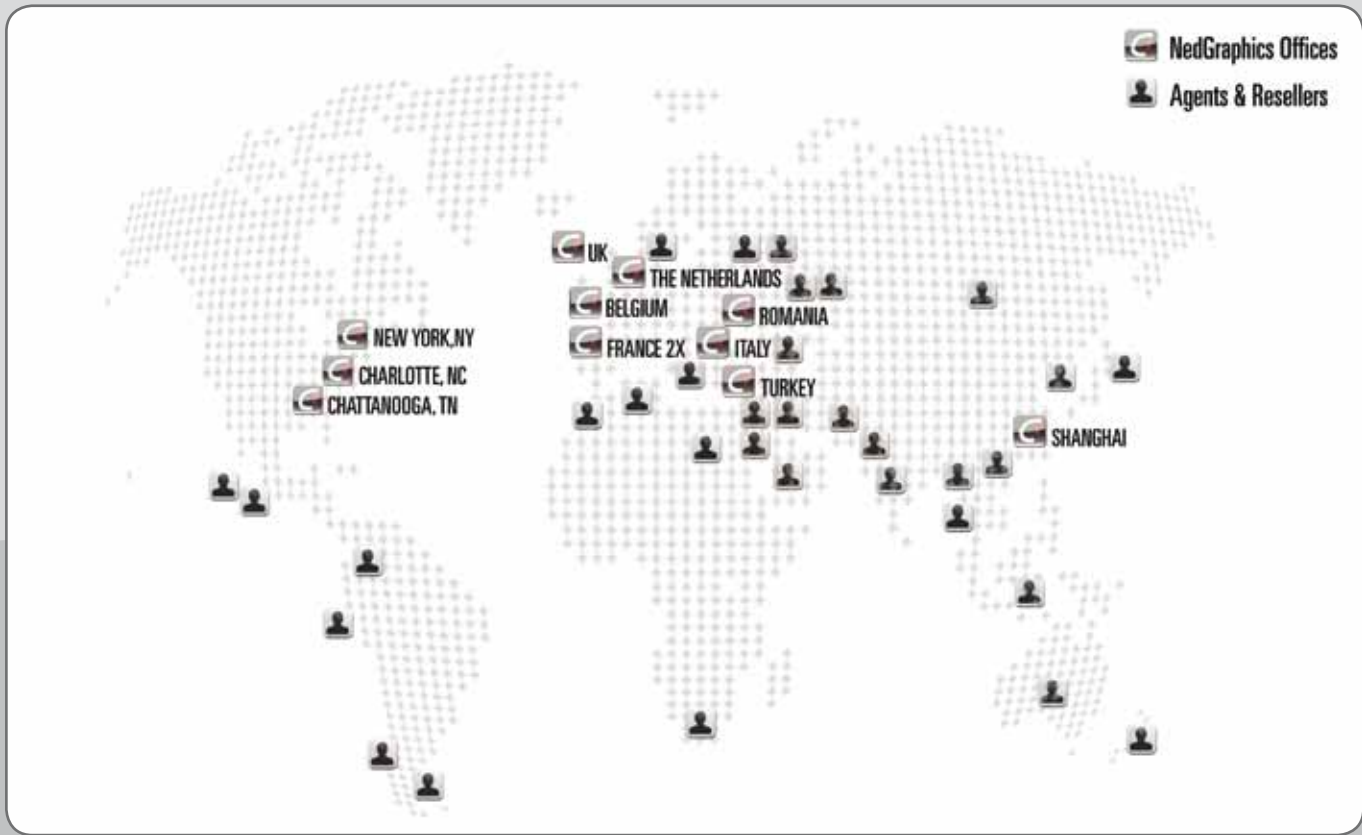
The corporate philosophy and professional approach of NedGraphics ensures a close working relationship with the finest designers and manufacturers by offering them solutions which are of the highest level of functionality.

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 and contact us if you require any further information, demonstrations or personal advice about what NedGraphics can do for you to help achieve your goals.

The Worldwide NedGraphics Team.

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FASHION MARKET INDUSTRY - Ned**Graphics**

FASHION DESIGN

NedGraphics is fully integrated into the business of the fashion industry. Many impressive brands all over the world work with NedGraphics software solutions. Check out our customer reference list and see if you are wearing creations made by NedGraphics software.

For more than 30 years NedGraphics has been developing software for the Fashion industry. With our roots and presence in both Paris and New York NedGraphics has become one of the leading players in this market. Our software allows you to create designs and styles faster, recolor them and create catalogues and storyboards.

What makes us so special is that we will ensure a more easy and efficient way of working and we can create a bridge between concept and actual fabric. With its broad range of programs NedGraphics is the only one who can provide this solution for you.

NedGraphics SOLUTION OVERVIEW

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

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

CUSTOMER REFERENCES LIST FOR FASHION DESIGN

Adil Isik- Turkey

American Pacific- China

Ann Taylor- USA

Bonita- Germany

Campagnolo Commercia- Italy

Chico's- USA

Collezione- Turkey

Oscar B- the Netherlands

Heinrich Heine GmbH- Germany

House of Pearl (Norwest)- India

John Lewis Group- UK

Jones Apparel Group- USA

LC Waikiki- Turkey

Leverstyle- Hong Kong

Lilly Pulitzer- USA

Marc O' Polo- Germany

Matrix Clothing- India

Mayoral Moda Infantil S.A.U- Spain

McGregor- the Netherlands

Milior- Italy

Next- UK

Nygard- China

Para- Italy

Phillips Van Heusen- USA

Piazza Italia- Italy

Ruentex- Taiwan

Saydam Tekstil- Turkey

Sevenhill- Turkey

Teidem- the Netherlands

V.F. Wranger- USA

Vanners- UK

Vikram Overseas- India

Youngor- China

and many more...

NedGraphics CUSTOMERS REFERENCES

Haggar Clothing Co.
Fashion & apparel for men and women
Dallas, TX, USA
www.haggar.com

Haggar is a leading marketer and manufacturer of men's casual apparel and women's sportswear. Haggar, holds exclusive licenses for Claiborne®, Kenneth Cole New York®, and Kenneth Cole Reaction® as well as their own brands.

"We needed to improve our design processes and looked for a cutting edge solution to maximize efficiency and get our products quickly to market. Vision Fashion Studio brought us that solution. Immediately after training our team found it so intuitive and easy. We did not revert to our old systems at all. Ned was a breeze to install and quick for the designers to pick up. We can react quicker and have improved our presentation/selling materials dramatically. NedGraphics allows us to create executable and realistic fabric designs, merchandise them in multiple colorways with ease, and present head-to-toe concept storyboards and invaluable visual line sheets. Ned listens to our suggestions and builds a true partnership. Requested upgrades and improvements are released with regularity and the software continues to get better and better. We are more than thrilled with Ned."

Amy Lea Raglin,
Director of CAD Design

Lilly Pulitzer
Women's Fashion King of Prussia, PA, United States
www.lillypulitzer.com

Lilly Pulitzer is all about bright, fun prints. The brand originates from Palm Beach where Lilly started selling her colorful dresses, originally designed to camouflage stains while working in her fruit juice stand. The Lilly Pulitzer line is now available in 75 Signature Shops, major department stores, and fine specialty stores in the U.S.

"Our CAD Software helped us to regain fashion credibility. I recall an incident when Claudia Schiffer modeled one of our dresses on the cover of a Saks Fifth Ave. Saks' then president did not like the print and NedGraphics CAD software allowed us to quickly substitute a different one. Ned's software has helped us to grow. Last minute changes are so quickly and easy to make. No more laborious drawing by hand thanks to NedGraphics."

Bridget Foster,
Senior Vice President and CFO

Vanners Silk Weavers Ltd.
Silk neckwear and furnishing fabrics
Sudbury, United Kingdom
www.vanners.com

As one of the oldest companies designing and weaving silk fabrics in England, we specialize in the market of top of the range neckwear and furnishing fabrics. Vanners is a highly vertically integrated company, performing key functions such as designing, dyeing, warping, weaving and finishing. We serve major design houses, top end retailers, tie makers and wholesale fabric distributors worldwide.

"We use products from NedGraphics for design, production such as networking our Jacquard looms, management of design and production data and marketing such as virtual product presentations. The products and excellent support from NedGraphics are important factors that help us deliver world class service and quality to our customers."

Mr. Michael Cunha,
IT Manager

FASHION STUDIO SUITE FOR FASHION DESIGN

The Modular Design Powerhouse for Fashion & Apparel.

Fashion Studio Suite satisfies all your design needs, whether you are a freelance designer, a fashion 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 fashion and textiles*
- **Easy Coloring:** offers instant recoloring and color management for prints, knits and wovens*

Specific add-ons:

- **Easy Weave:** Create beautiful fashion and apparel fabrics. No technical weaving knowledge is needed.
- **Easy Knit:** The tools to design knit fabrics for sweaters, scarves, golf shirts, socks, sportswear, No technical knitting knowledge is needed.
- **Storyboard and Cataloging Pro:** An invaluable tool for apparel designers who need to present fabric designs, garment 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:

- Easy Weave
- Easy Knit
- 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

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 apparel 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 apparel and textile design applications.

Color reduction can result flat colors, textures, tonal and watercolor techniques.
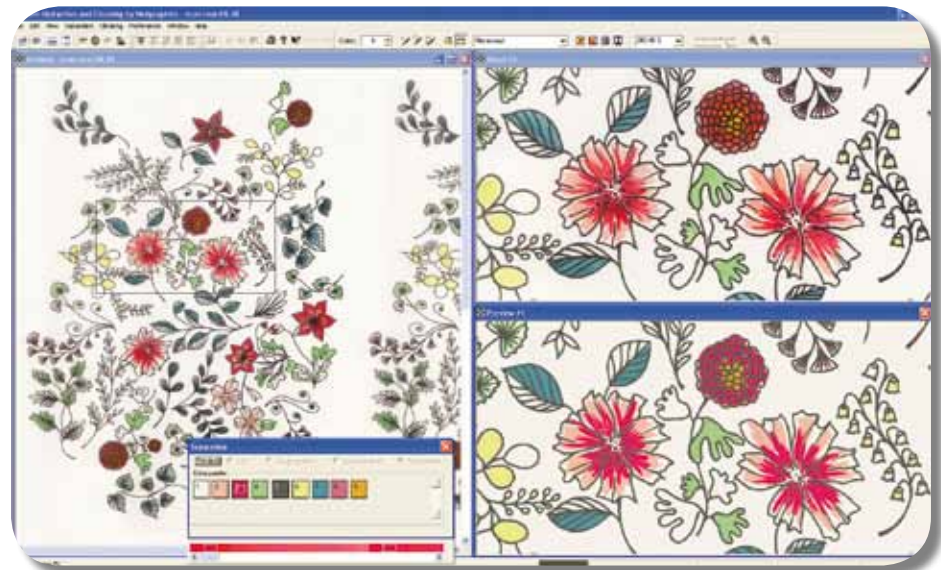
Multiple views and preview windows display the color reduced result in real time, allowing for fine tuning of color selections.

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.

Multiple views and preview windows display the color reduced result in real time.

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

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.

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

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 accor- ding 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 design or fabric including prints, knits, wovens, wallcoverings, and floor-coverings.

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.

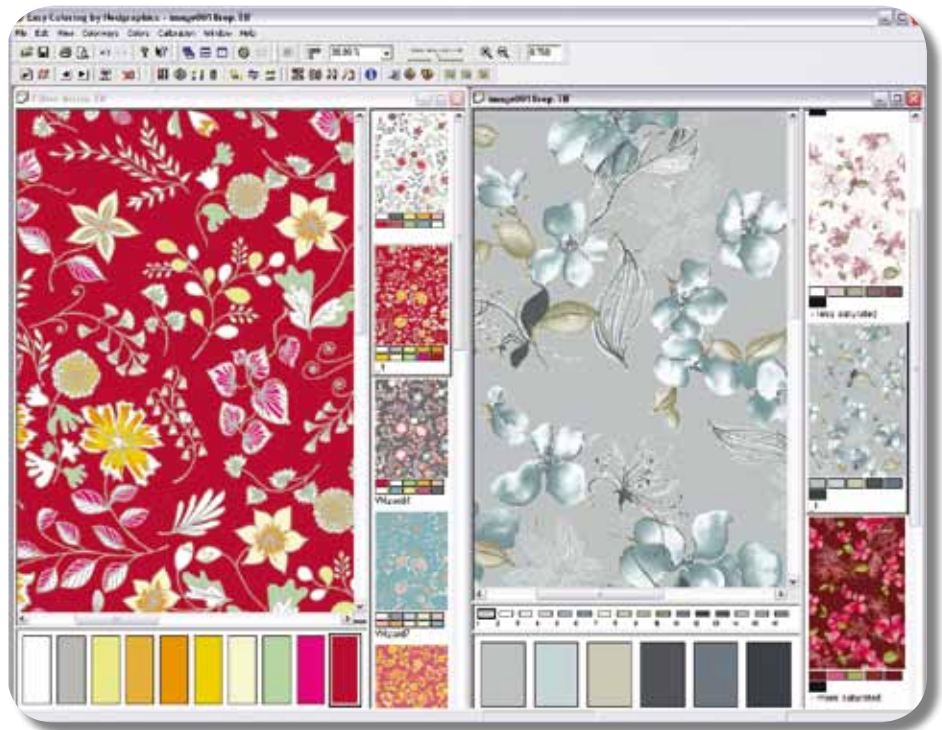Ensure accurate color matching in production.

Advanced print layout capabilities.

Advanced colorways naming capabilities.

Advanced colorways exports.

Pantone® Colors Library compatibility (CD Rom).

User friendly interface and easy handling of the colorways.

Save and manage all color variations within one main file.

FASHION STUDIO ADD-ON EASY WEAVE

Easy Weave offers all of the capabilities needed by today's woven designer to quickly create beautiful fashion and apparel fabrics. No technical weaving knowledge is needed to express all of your ideas and create stripes, plaids and even more sophisticated dobby patterns.

ADD-ONS:

Easy Weave

Easy Knit

Storyboard & Cataloging Pro

You can select weaves from the weave library that is included for common weave types such as, twill, plain, satin, oxford, and herringbone. Custom weave patterns can be entered from scratch, eventually combining several weaves in the same design. Yarns of various shades and sizes can be selected to create the warp and weft color arrangements.

Apply unique fabric texturing and yarn shading, allowing for woven simulations to be generated and printed, so realistically, that only a touch will reveal it is not fabric. The simple and intuitive interface ensures that users can be up and running in no time!

Highlights and features

Excellent fit for customer looking for an affordable and easy to use, woven design software.

Printed results can be used in place of traditional samples.

Full compliment of tools for inputting various warp and weft color arrangements.

Select from hundreds of weaves in the library or input custom weave textures.

Input precise density of the fabric by number of ends/picks per inch or metric, with uneven constructions supported.

Change fabric densities, with stripe sizes automatically preserved.

Loaded with a pre-defined weave library from the most common weaves to extremely sophisticated and complex weaves.

Input colors yarn by yarn, by dragging for size of stripe, or input by typing the number of yarns per stripe or width in inches or metric, or using alphanumeric notation (10a, 2b).

Import scans of actual fabric and use the tracing function to recreate without counting ends and picks.

Generate simulations of the fabric, with realistic yarn sizing, shading and user defined woven fabric texture.

Simulations can also be colored in Easy Coloring or Easy Coloring Pro.

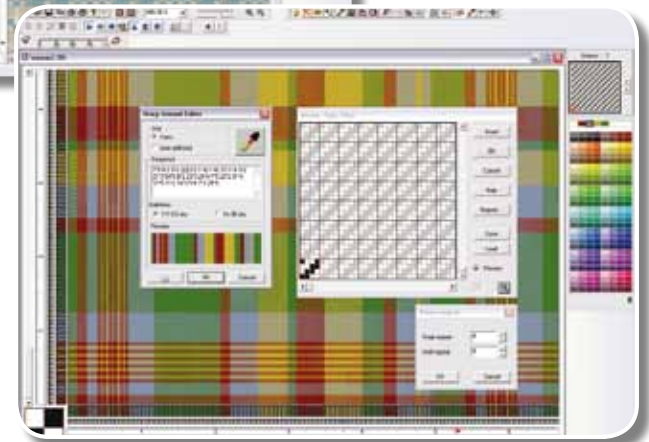Export technical production information for use by manufacturing.

Mix color yarns capabilities.

Offers a full palette of yarn colors that can be directly accessed and customized.
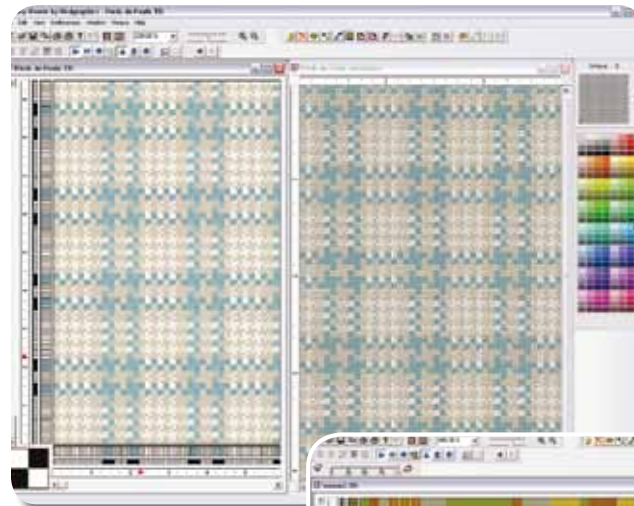
Generate simulations of the fabric with unique fabric texturing and yarn shading.

Use your custom made weave textures.

FASHION STUDIO ADD-ONS EASY KNIT

Easy Knit provides all the tools that you need in order to design knit fabrics for sweaters, scarves, golf shirts, socks, sportswear and all the latest knit trends. Designers can start from scratch and with no pre-requisite knowledge of knitted fabric structures.

ADD-ONS:

Easy Weave

Easy Knit

Storyboard & Cataloging Pro

Design wizards allow you to convert any graphic file into a knit fabrication of any density and quality. Once the design is completed, access our exclusive visual library to find all the stitch types necessary to create realistic knit simulations. Simulations can be colored instantly and will express the result that can be achieved in production.

Work in technical grid format, or even work directly in knit simulation view to see the precise stitch simulated while you make changes in the design. This is especially very useful when making complicated cable and open knit structures. Export your finished knit fabric in standard industry formats that are compatible with your suppliers manufacturing environments!

Highlights and features

Excellent fit for companies looking for an affordable and easy to use knit design solution.

Access a large compliment of design tools, similar to Design and Repeat, but fine-tuned for knit fabrics.

Input designs with precise technical information for gauge density and quality.

Create knits from scratch with various stitches types. Create stripes, or interpret any graphic design file into a knit fabric.

Colors can be converted to knit stitch simulations, with a large graphic stitch library, including cables, front and back stitches, pique, etc..

Create and printout life-size knit garments.

Apply user defined texturing to enhance realistic knit fabric effects.

Select from existing library or create user defined symbols to represent various stitch types for manufacturing.

Export files in specific digital formats for communicating with knitting machines.

Automatically find and correct floats.

Manage the number of colors and number of color changes per row with minimum and maximum tolerances, export these information in XLS format.
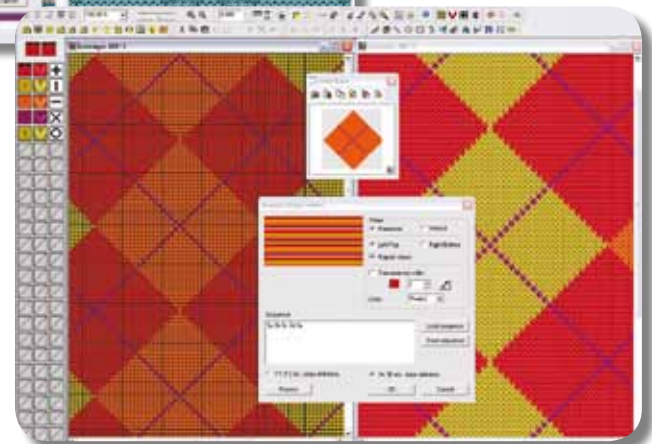
Layering technology allows application of embroideries.

Direct link to the coloring tool to create colorways from your simulations.
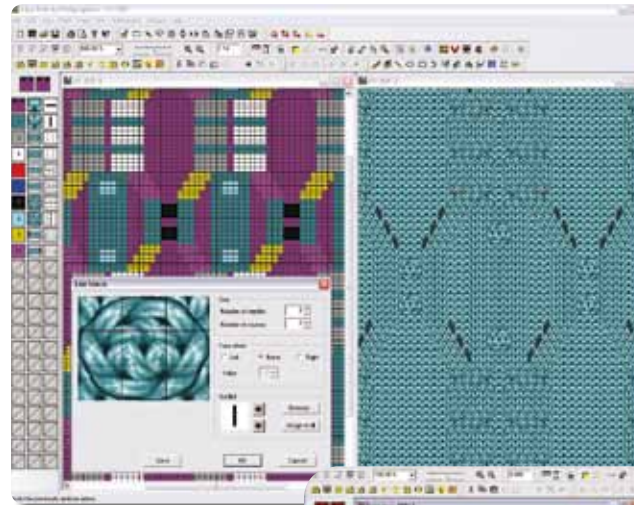
Access our exclusive visual library to find all the stitch types necessary to create realistic knit simulations.

Example of Manual stripe editor.

YOUR BENEFITS BASE MODULES

Color Reduction & Cleaning

- 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

Design and Repeat

- Experiment more confidently
- Increase productivity
- Strengthen concepts
- Inspire 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

Easy Coloring

- 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

YOUR BENEFITS ADD-ONS

Easy Weave

- Boost artistic experimentation

- Translate ideas into products

- Reduce traditional samples

- Sell from digital output

- Enhance performance

- Increase margins

- Improve partnerships

- Streamline production

- Maximize sales opportunities

Easy Knit

- Streamline product lifecycle

- Reduce potential for errors

- Sell from digital samples

- Enhance product quality

- Bolster creativity

- Lower operating costs

- Increase design choices

- Eliminate manual processes

- Control production machinery

- Improve Communication with suppliers

PRINTING STUDIO SUITE FOR FASHION DESIGN

The Ultimate Modular Design and Idea Promotion Powerhouse.

BASE MODULES:

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

ADD-ONS:

- Delta Calibration
- ICM Color Plug-in
- Tonal Tracing
- 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 manu-facturing-ready digital files.
- **Easy Coloring Pro:** The ultimate coloration tool including a state of the art color management solution*

Specific add-ons:

- **Delta Color Calibration:** Color calibration software for monitors and printers developed for processing graphic images and photos.
- **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.
- **Tonal Tracing:** The ultimate solution for tonal designs and the perfect Photoshop and engraving companion.
- **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 textile fashion 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 in the market. E-mail color consistent views to your business partners throughout the world. Thanks to its modular set up, Printing Studio can be tailored to your requirements;

Design & Repeat Pro.

PRINTING STUDIO COLOR REDUCTION & CLEANING PRO

Today's fashion & apparel 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.

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

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 you to put the original artwork files (delivered by the design studios or scanned locally) into repeat and in the same time keeping all details and richness before the separation starts. New color matching methods are developed to make it even simpler to convert almost any graphic image with gradient colors, haftones and flatcolors into textile designs. These new color matching methods will increase the creative process of new collections of our fashion and apparel customers.

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

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 fashion, apparel and retail companies. With large investments in original artwork, fabric samples, trend services and the creative talent neces-sary to address them, our customers need to quickly turn ideas into market-able products.
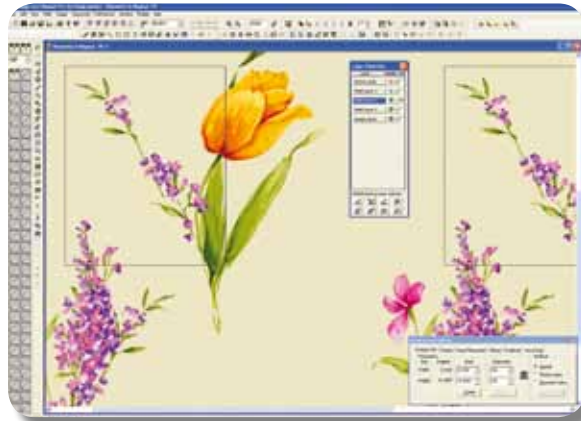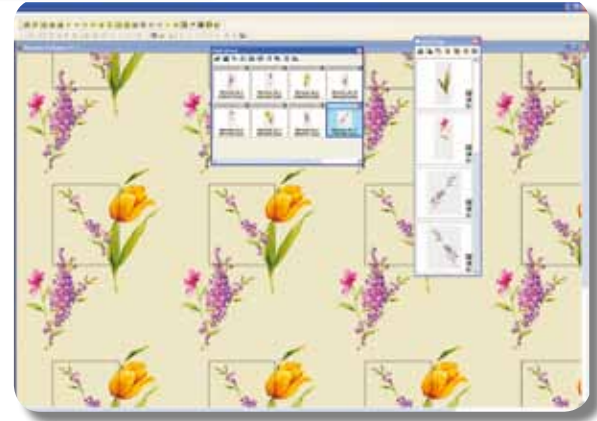

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat Pro

Easy Coloring Pro

Layering technology for management of motifs and design element.

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. 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

Easy Coloring Pro offers you unified color management. It addresses the entire color workflow, from concept through production. Easy Coloring Pro allows you to quickly recolor all your prints, wovens and knits. It automatically matches the desired color standard on virtually any output device.

Easy Coloring Pro is a user-friendly, sophisticated program, offering users a unified and accurate color management system. It is fully compatible with Windows ICM/ICC color management. This ensures color fidelity from monitor, to printer, to final product. 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, wovens, knits.

BASE MODULES:

Color Reduction & Cleaning Pro

Design & Repeat

Easy Coloring Pro

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

The software automatically matches the desired color standard on virtually any output devise. 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 apparel, home furnishings and textiles products.

Easy Coloring Pro offers one of the most advanced color calibration engines available today, ensuring color fidelity from monitor, to printer, to final product. All of this is possible with just a few hours of training.

Highlights and features

Create color variations for any type of design or fabric including prints, knits, wovens, wallcoverings, and floor-coverings.

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 ADD-ON DELTA CALIBRATION

All current standard color calibration software for monitors and printers has been developed for the processing of graphic images and photos.
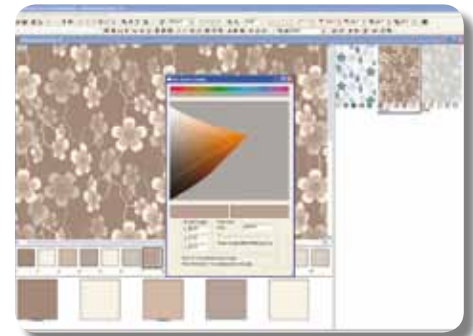
ADD-ONS:

Delta Calibration

ICM Color Plug-in

Tonal Tracing

Storyboard & Cataloging Pro

Change colors and define the gamut of your design.

Invariably these application 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 fashion and apparel 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 fashion and apparel customers and produces outstanding results once high quality printers and monitors are used.

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

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.
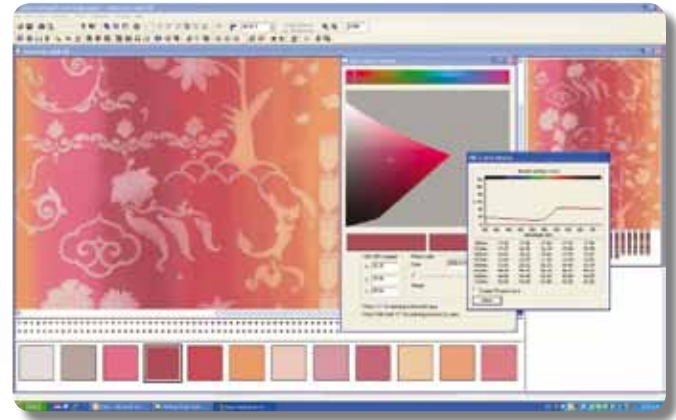
ADD-ONS:

Delta Calibration

ICM Color Plug-in

Tonal Tracing

Storyboard & Cataloging Pro

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.

PRINTING STUDIO ADD-ON TONAL TRACING

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.

ADD-ONS:

Delta Calibration

ICM Color Plug-in

Tonal Tracing

Storyboard & Cataloging Pro

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.

FASHION STUDIO AND PRINTING STUDIO ADD-ON

Storyboard and Cataloging Pro is a sophisticated and unique apparel and textile design application.

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

ADD-ONS:

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

It is an invaluable tool for apparel designers who need to present fabric designs, garment sketches, 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 appli-cation 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!

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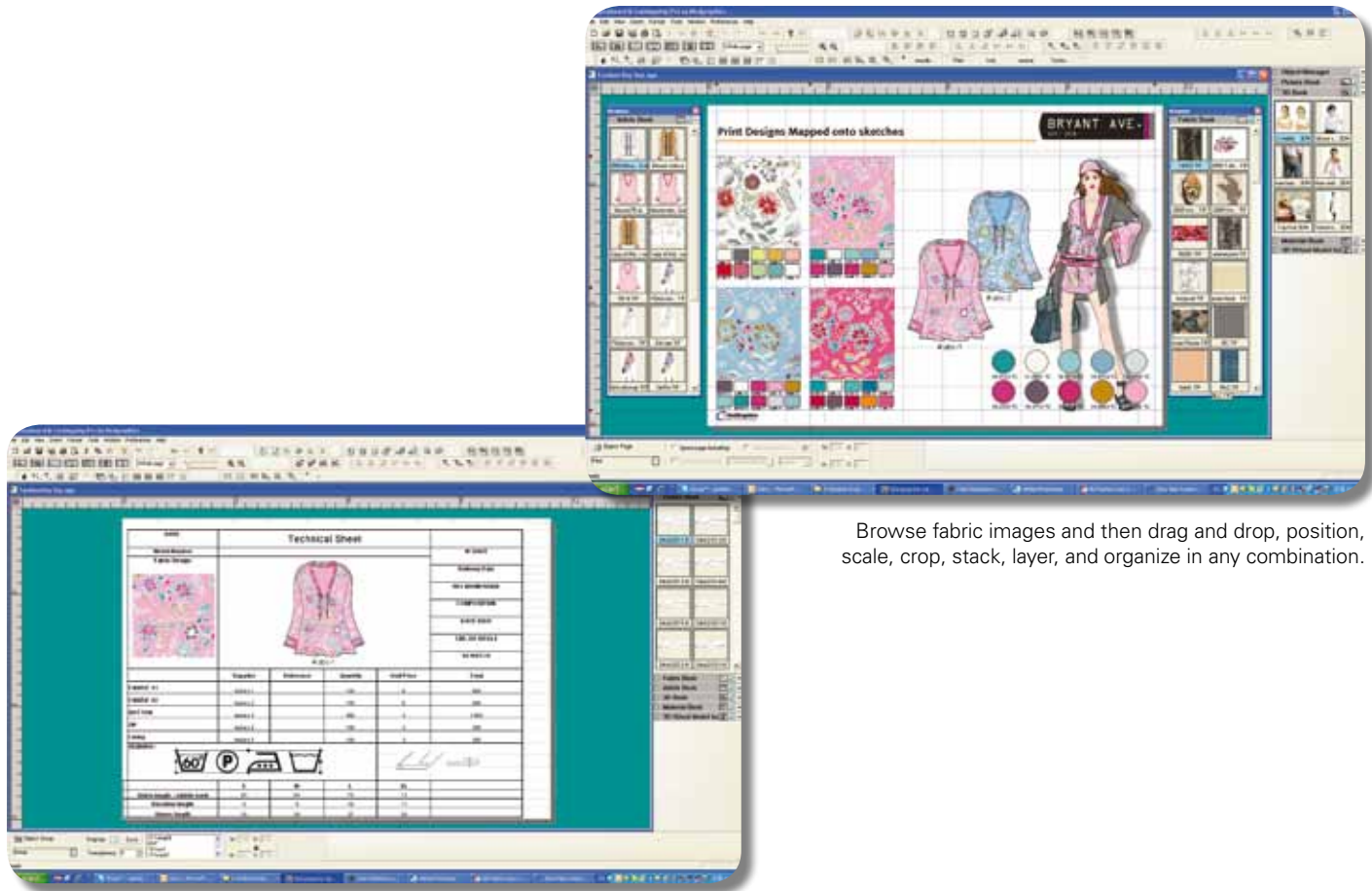
Browse fabric images and then drag and drop, position, scale, crop, stack, layer, and organize in any combination.

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.

Example men's collection.

AUTUMN/ WINTER

Example women's collection.

Spring/Summer Collection

Simply ELEGANCE and arty effects smacked of origami dresses rivet the eye with artful volume details. Muted in powdery greys, champagne, ivory, ebony and caviar shades. Silk and satin qualities with muted sheen.

WWW.NEDGRAPHICS.COM

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

- Give 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 FASHION 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.
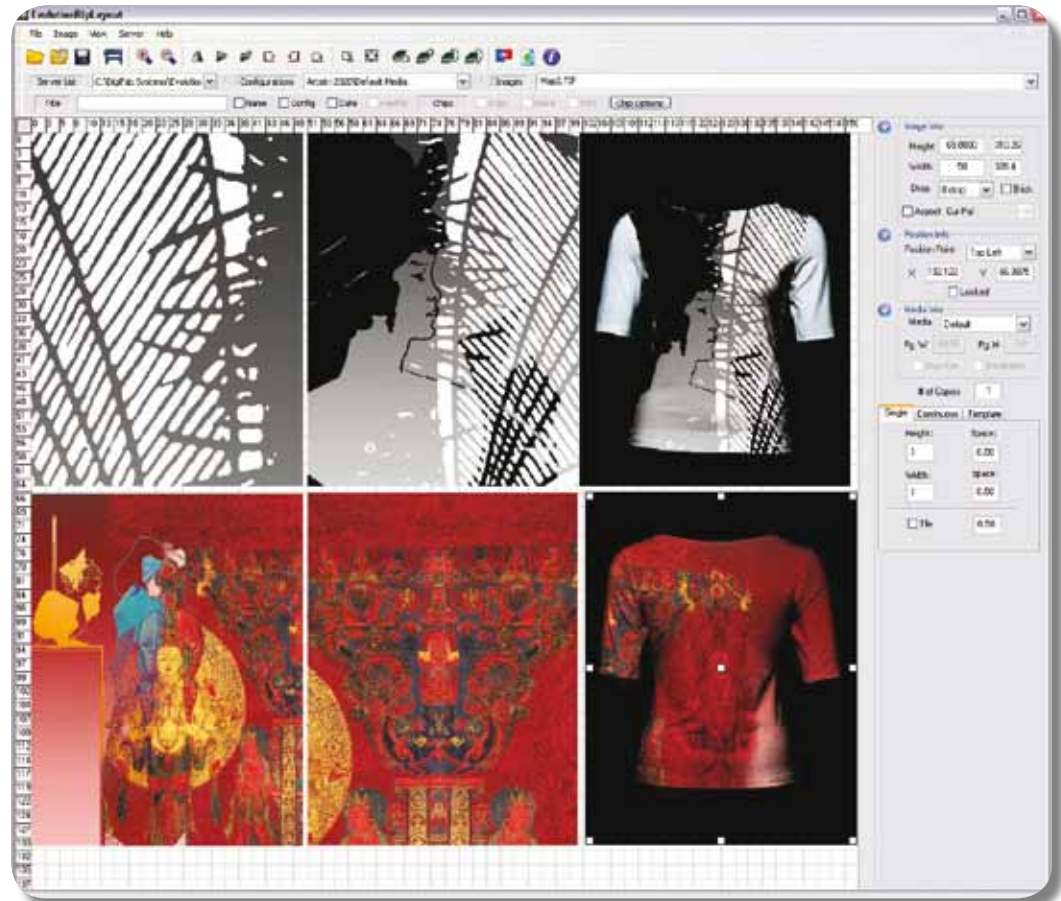
Change Drop, Change Resolution, Scale, Rotate, Flip, Multiply, Mirror, Cut Prints multiple design.

REPORT DESIGNER FOR FASHION 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.
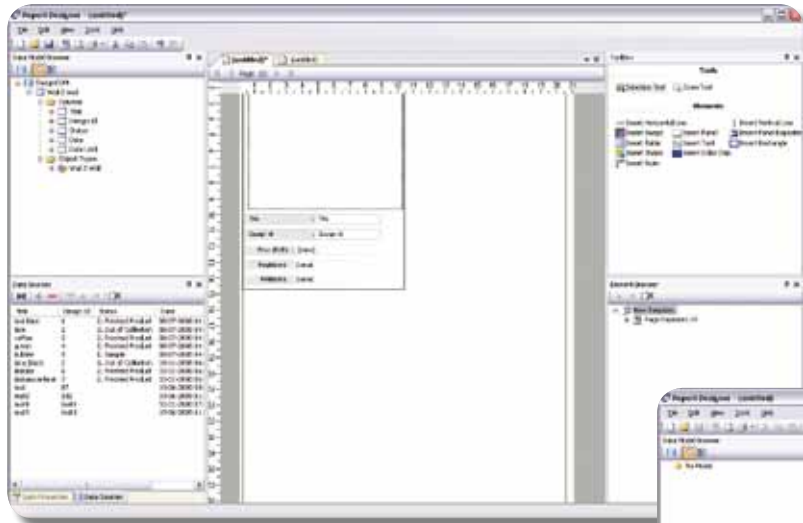
Integration with DesignCOM.
Drag and drop data elements into the layout.
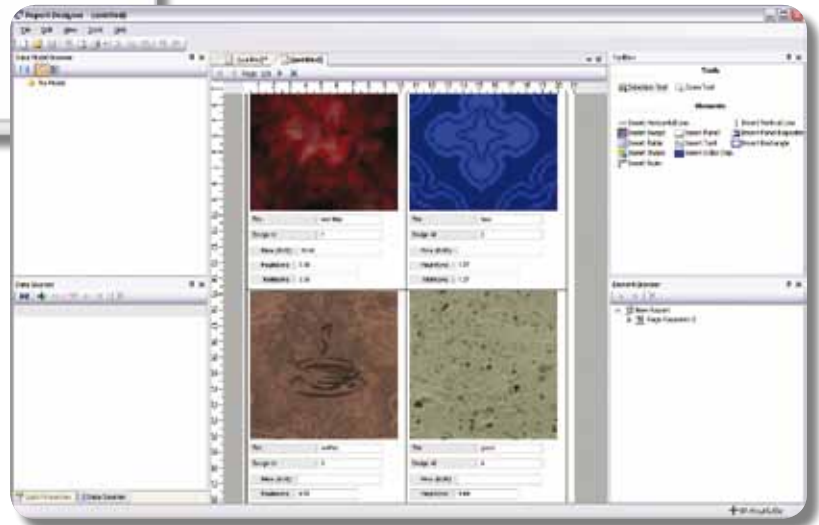
X-RITE FASHION DESIGN

Color tools to ignite your imagination.

x·rite

right on **color**

The cooperation with X-Rite enables NedGraphics to provide textile and fashion companies with a One Stop color calibrated textile & fashion design and presentation solution.

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 textile and fashion software solutions. Furthermore, both companies agreed to work together to enable textile and fashion companies obtaining a smooth product creation workflow in a color calibrated and color managed environment using Ned-Graphics and X-Rite solutions.

Color specification, color visualization, color management and obtaining color consistency throughout the workflow are essential in textile and fashion.

Textile and fashion design 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.

Ned**Graphics** IS A PANTONE® RESELLER

In order to help you get the best possible color communication with your customers we have entered a re-seller agreement with PANTONE®

This means that we can supply you with the following products:

- **Pantone Fashion & Home Digital Color library**

- **Pantone Fashion & Home Color guide**

- **Pantone Fashion & Home Paper fan deck**

- **Pantone Fashion & Home Cotton Passport**

These products will assist you in selection, referencing and communication of colors with your customers.

EASY MAP SUITE FOR FASHION 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.
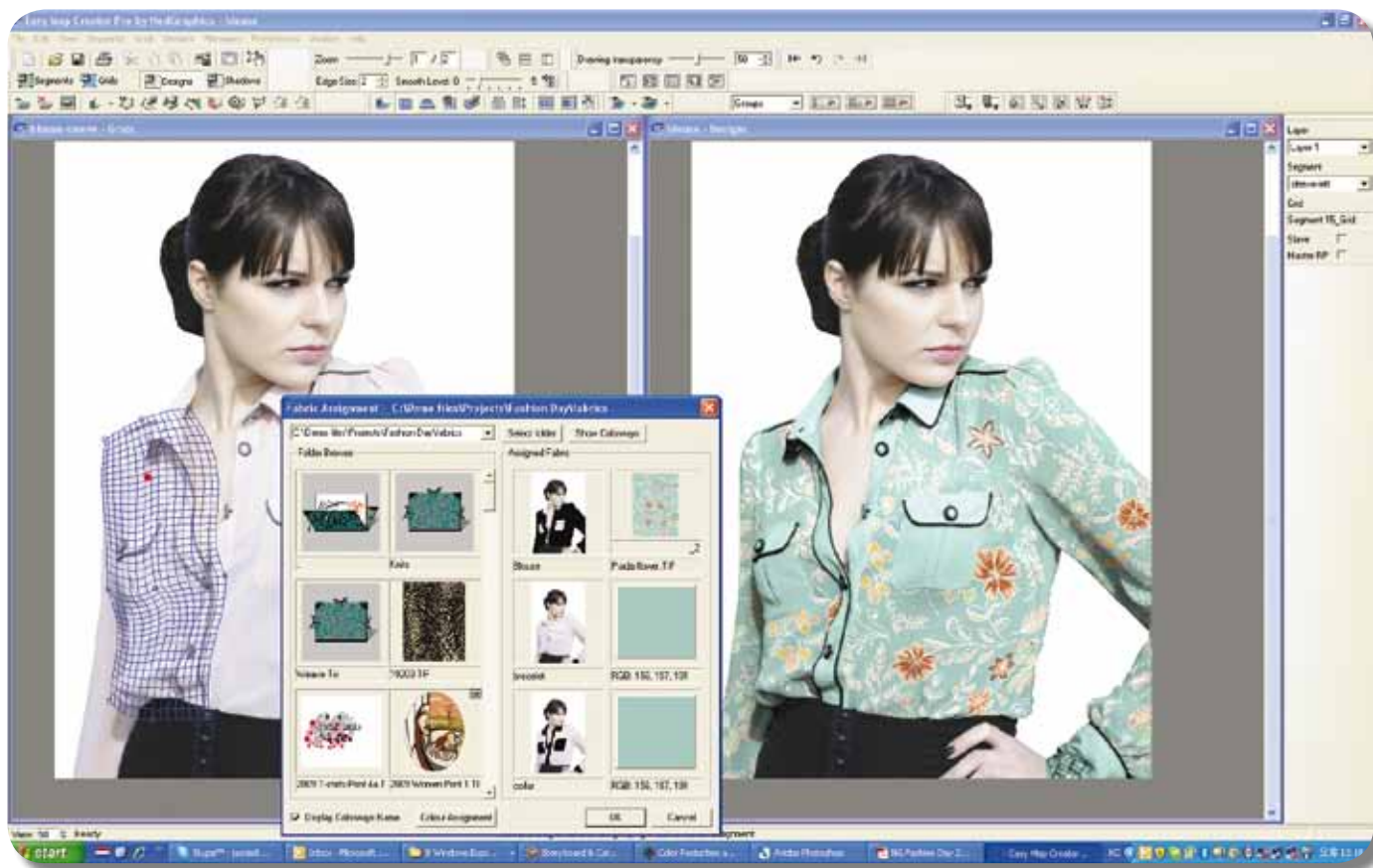
Load photographs and add your designs and fabrics to create photorealistically results.

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.

BASE MODULES:

Easy Map Creator

Easy Map Creator Pro

Original photo.

Virtual Sample.

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.

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

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.

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.

BASE MODULES:

Easy Map Creator

Easy Map Creator Pro

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 trans-parency 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.

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.

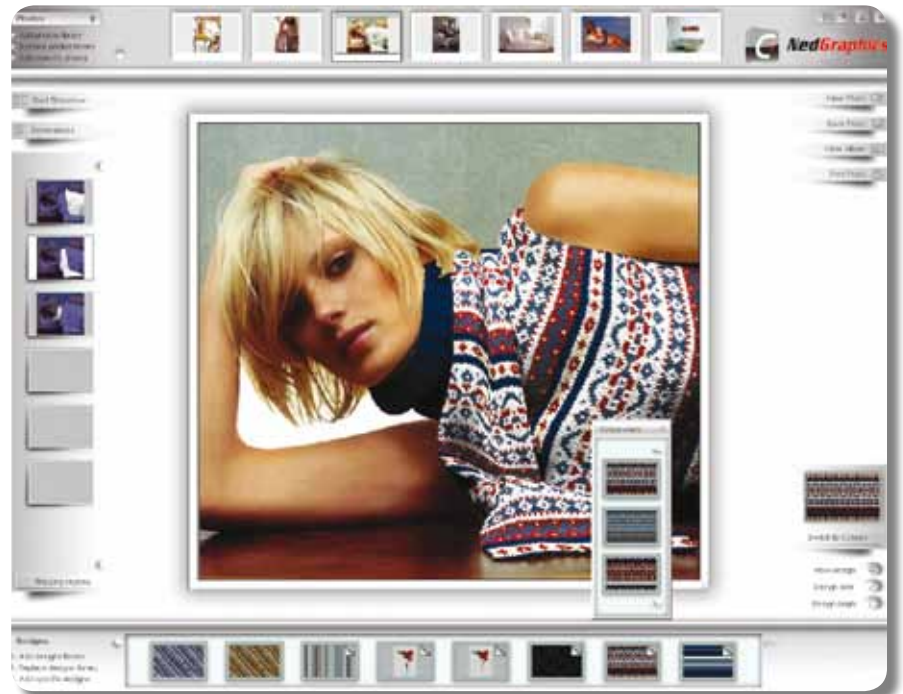Automatic copy function from one grid to the others.

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

Easy Map Viewer: Interface example.

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)

TEXCELLE FOR FASHION DESIGN

The Ultimate Creative Jacquard Design Software.

Texcelle perfectly suits the needs for fashion 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

NEW
64 Bit

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.

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.

Example Texcelle functionallity active pattern.

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 FASHION 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.

TexFlash

Texcelle

Texcelle DesignCom
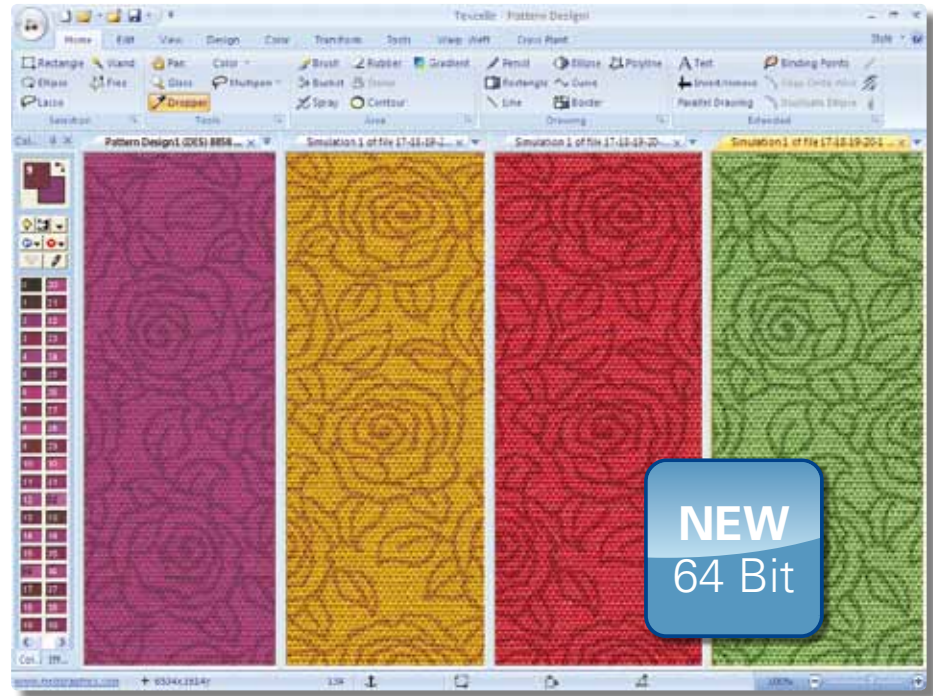
Texcelle Pro

Texcelle Pro new interface 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.

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

- 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 FASHION 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.

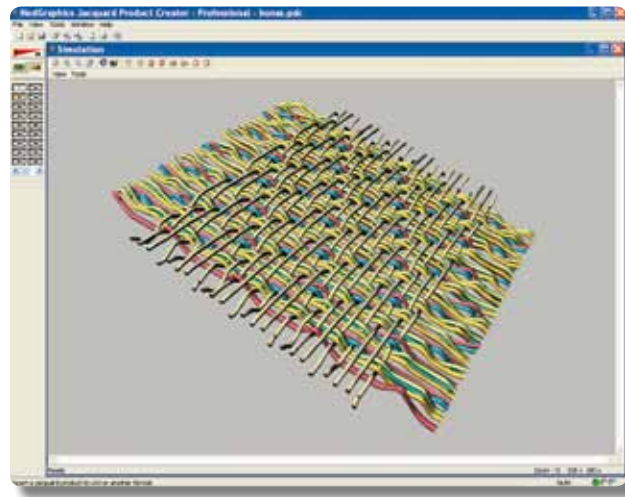Convert from compound weave to basic weave and vice versa.

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

Example of a scrapbook.

Example of the Yarn dialog.

Example of virtual complex weave structures.

JACQUARD VIRTUAL LOOM

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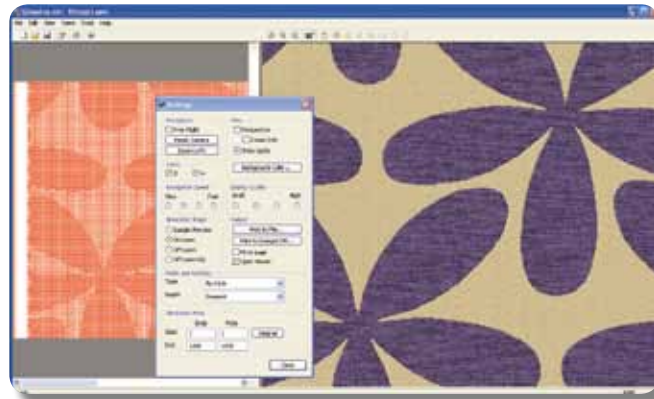
Example of LOOM settings menu.

BASE MODULES:

Jacquard

Jacquard Pro

Jacquard Virtual Loom

Jacquard Weave Editor
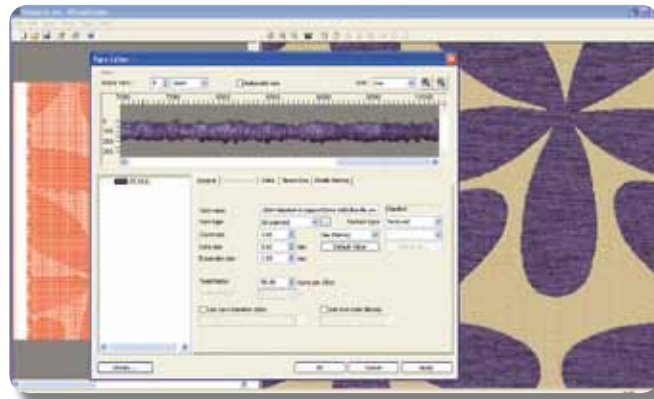
Example of Yarn dialog.

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.

Example 3D weave.

Example cross section.

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.

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.
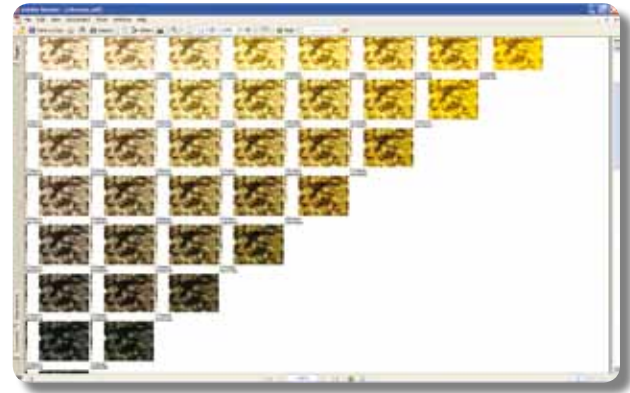
Example of Color book page with texture patches.
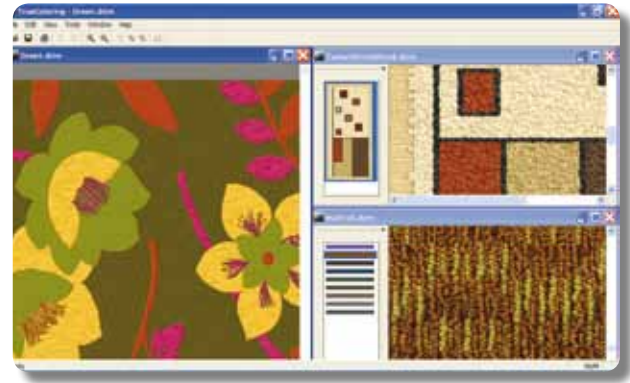
Example of multiple windows open.
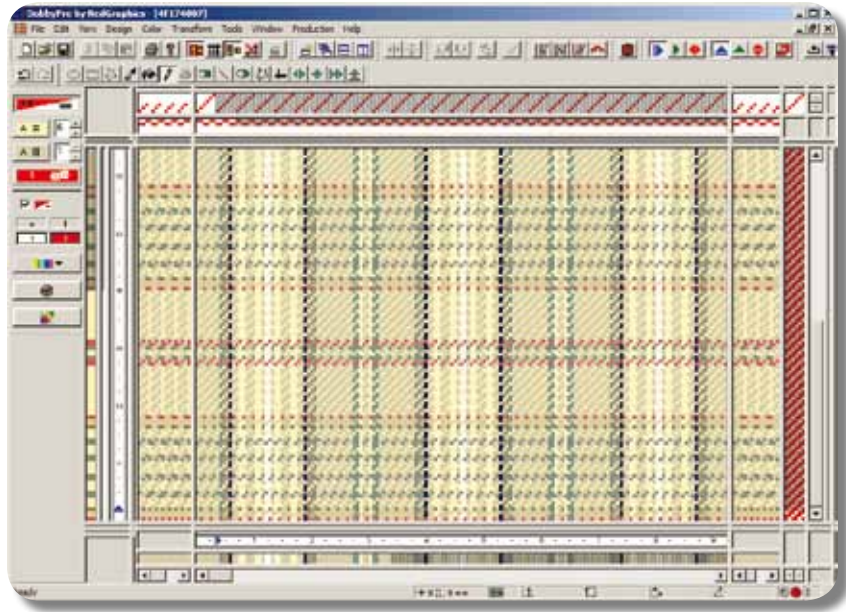
DOBBY PRO FOR FASHION DESIGN

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

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!

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.

Dobby

Dobby Pro

Interface example.

DOBBY FOR FASHION DESIGN

Dobby is a light version of Dobby Pro. Its attractive price tag makes it affor-dable 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 tool now also allows us to work with complex warp/ weft sequences and lengthy draughts as well as pegplans all at a glance, with easy repetition headers.

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 much faster creation and flexibility for complex warp/weft design with quick and easy access to each part of the product.

Easy Access and user friendly tree view for all aspects of design set up. For complex shaft set up, draw or type in shaft sequence.

Create and Edit complex Warp and weft sequences within minutes, using repeat headers and link you design.

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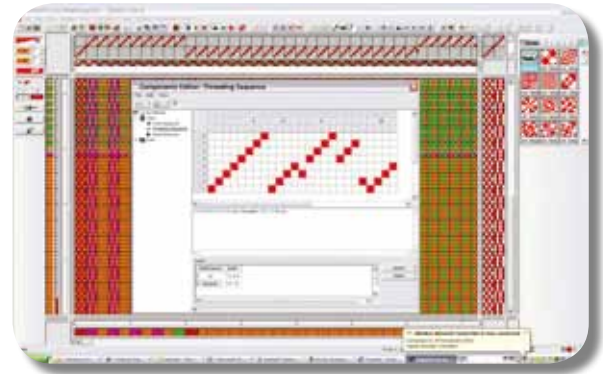
Create and edit complex designs using the Components Editor tools.

VISION RASCHEL FOR FASHION 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.

Vision card simulation

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.

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.

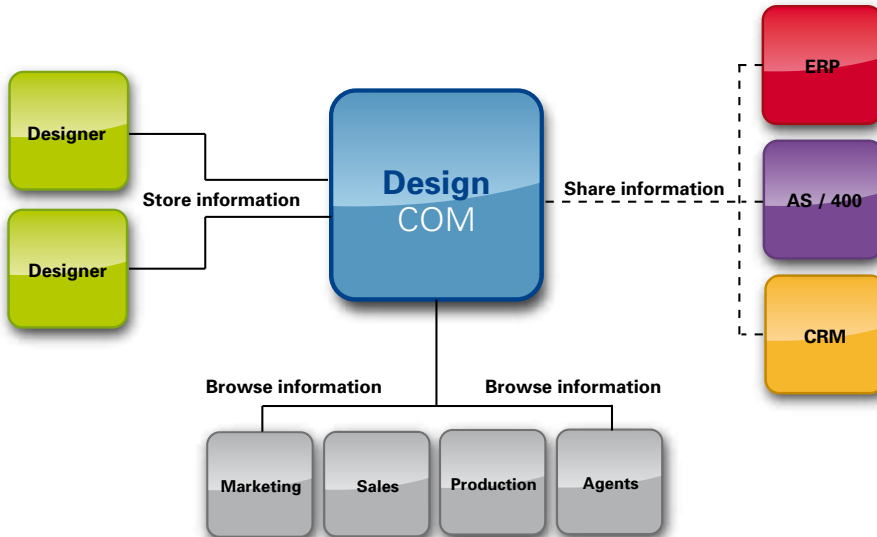Fall plate patterns are taken into account for the simulation.

DesignCOM FOR FASHION 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.

The DesignCOM Web Interface provides quick access to all product information.

Design
COM

Designer

Designer

Store information

Share information

Browse information

Browse information

ERP

AS / 400

CRM

Marketing

Sales

Production

Agents

Share information easily within your organization.

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.
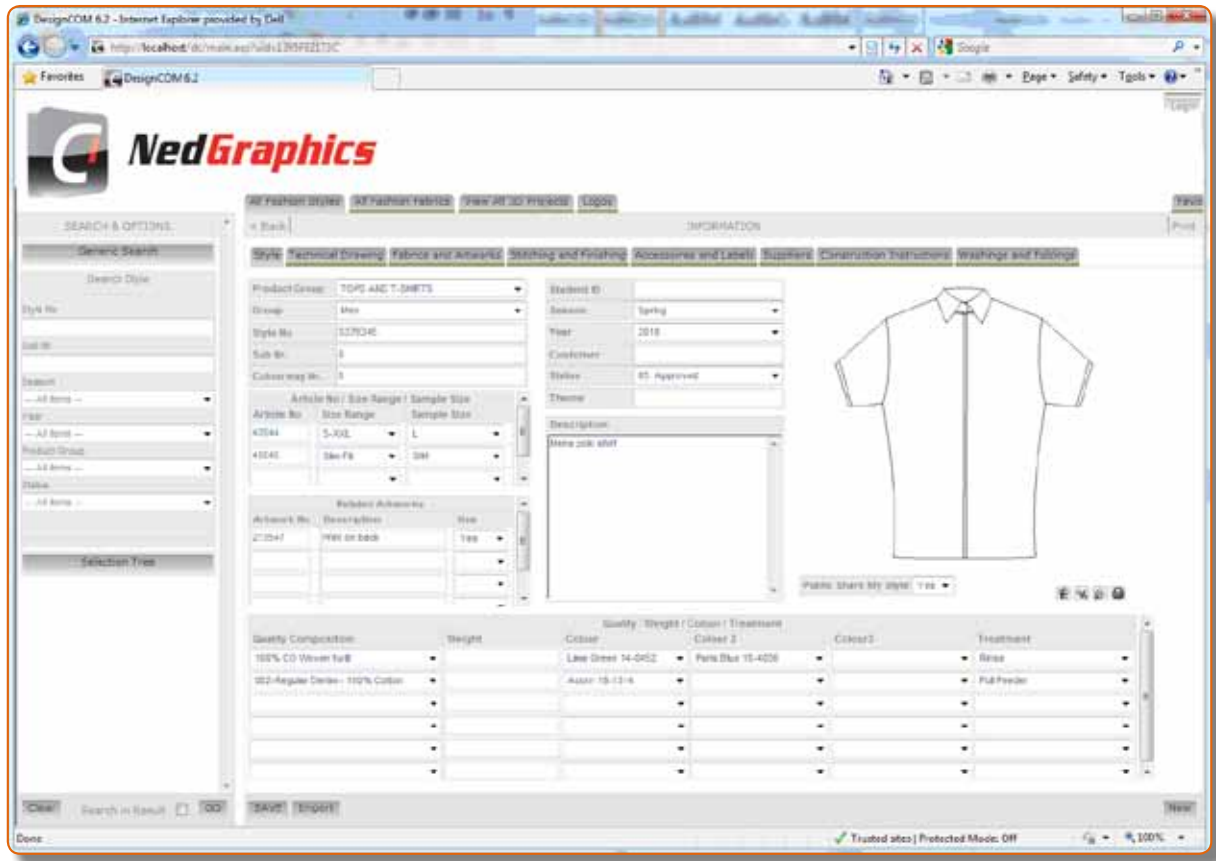
Quickly display all related product information.
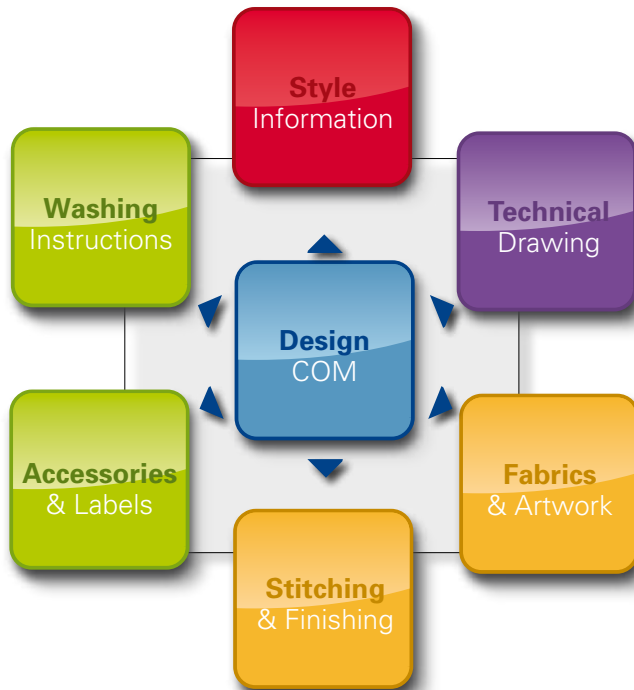
Article data which can be stored/searched and retrieved by using DesignCOM.

Product Data Management

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

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.

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.
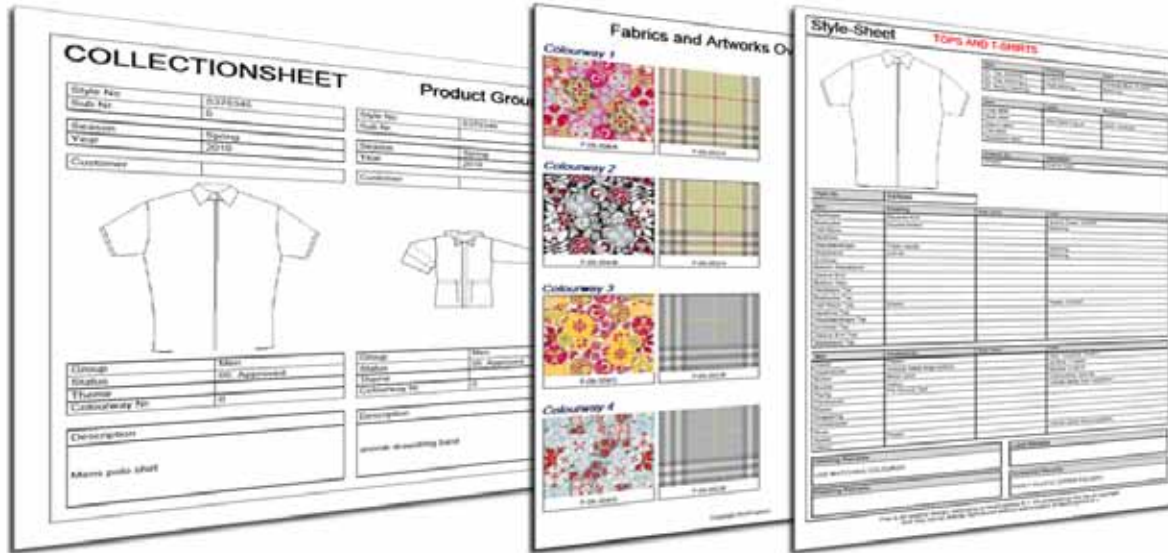
DesignCOM prints collection and style sheets directly to PDF.

DesignCOM Server Planning Plug-in FOR FASHION 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.

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!

Server Planning Plug-in Availability.
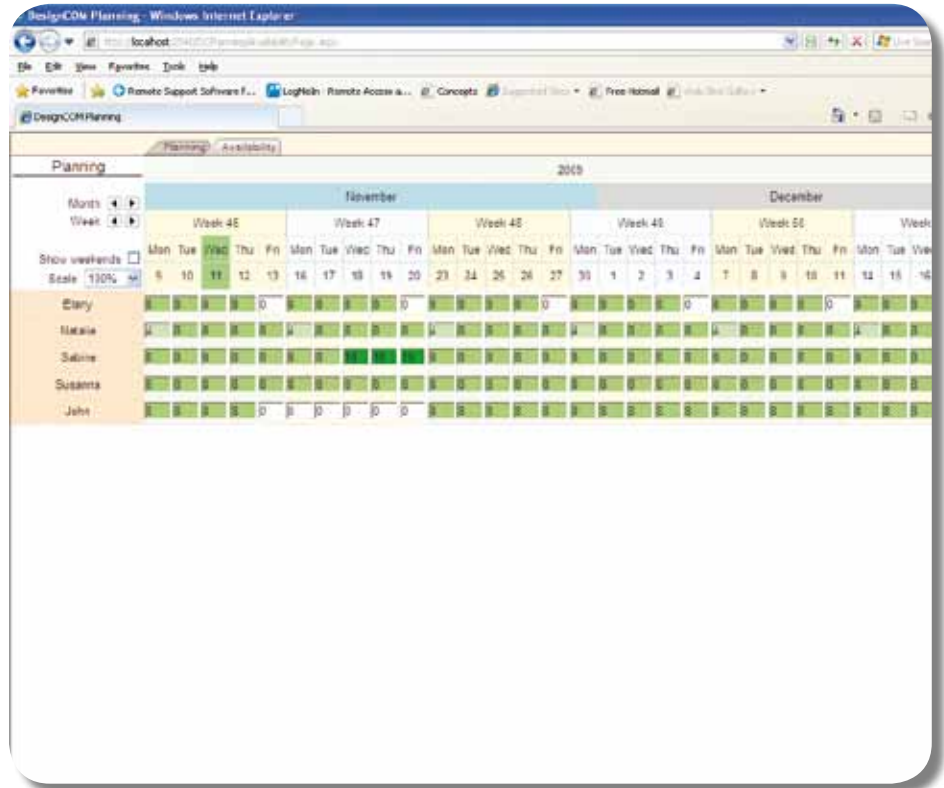
DesignCOM Design Planning

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.
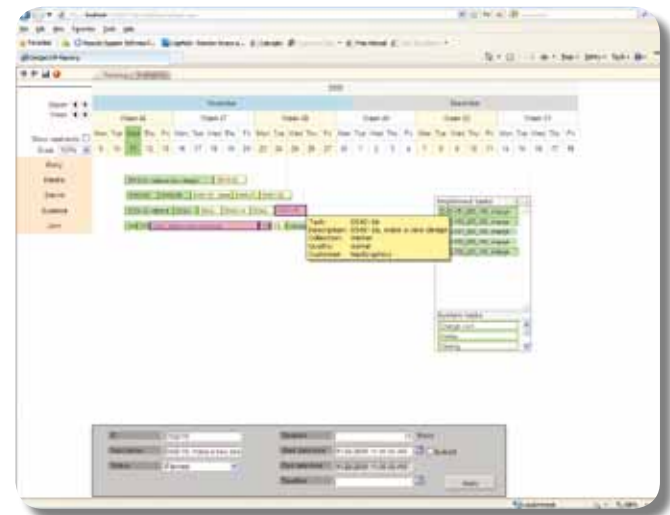
Server Planning Plug-in Task Tooltip.

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.

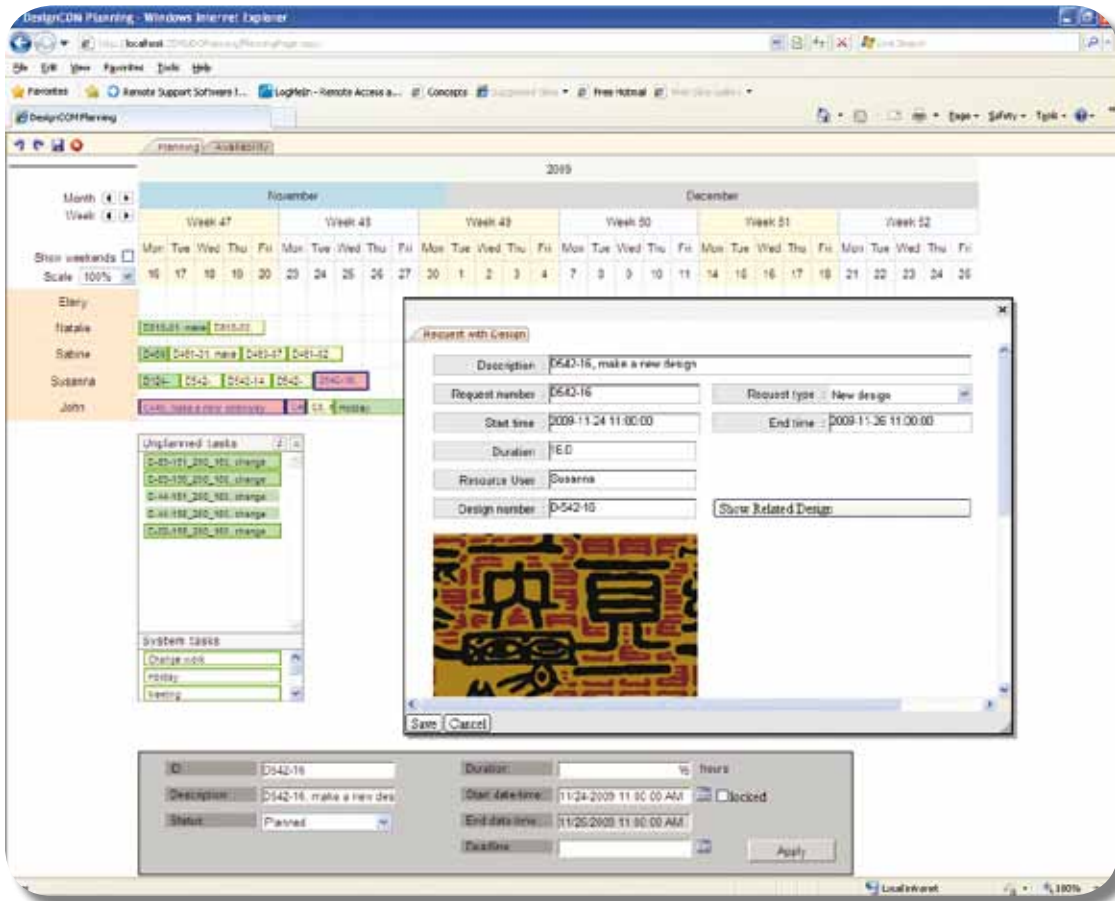Double click a task to open the underlaying information from DesignCOM.

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.
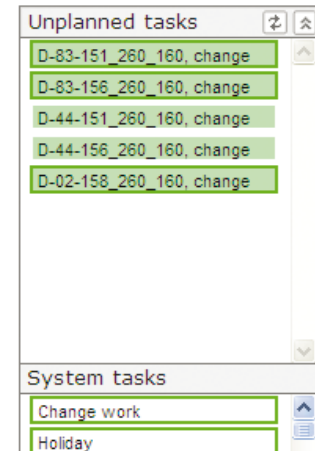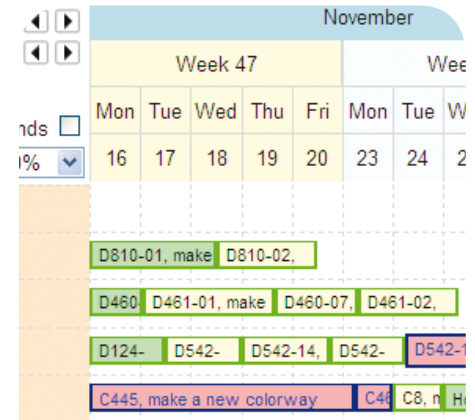
Server Planning Plug-in Task
with details.

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 X-Rite color management peripherals

NedGraphics is compatible with: