



NedGraphics

BY NEDSENSE

FLOOR DESIGN



Woven Carpets & Rugs
Tuft & Hard Flooring

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

NedGraphics WORLDWIDE



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 from the benefits of 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 for your organisation to achieve it's highest goals.

The Worldwide NedGraphics Team.

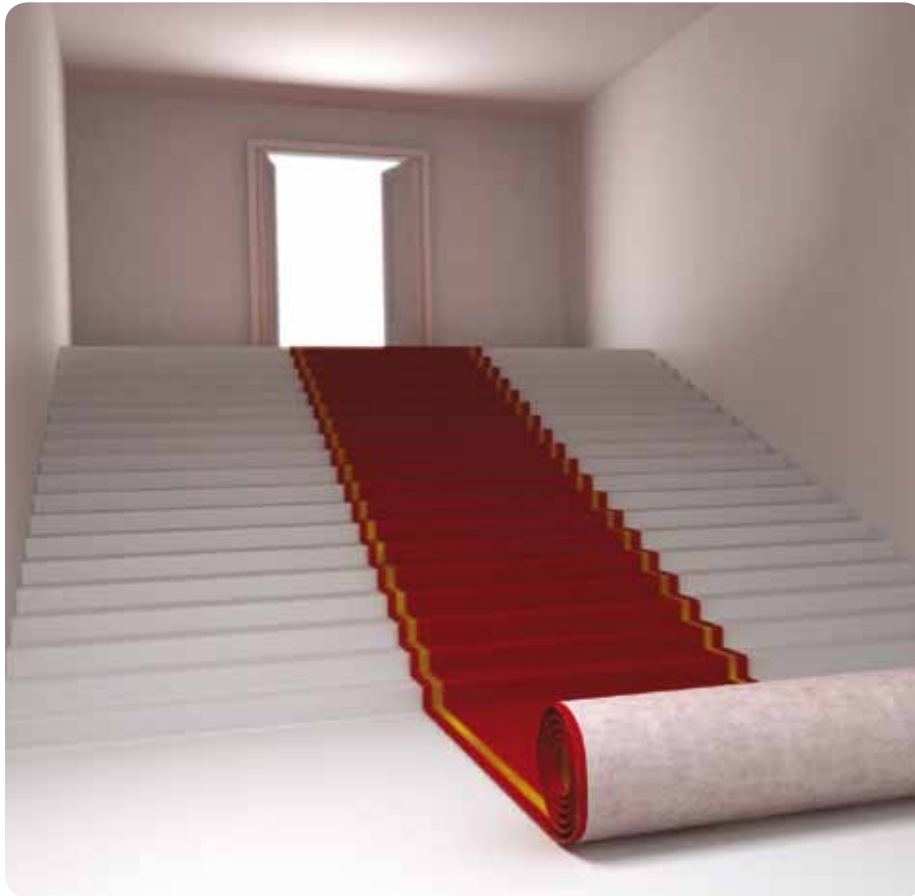


TABLE OF CONTENTS

About NedGraphics	2	Easy Map Suite	41
Foreword	4	Easy Map Creator	44
Floor Market Industry	6	Easy Map Creator Pro	46
NedGraphics Solution Overview	8	Easy Map Viewer	48
Customer References	9	Easy Map SDK	49
Texcelle	12	Printing Studio Suite	51
Texcelle Pro	14	Color Reduction and Cleaning Pro	53
Plug-in ICM Color Engine (ICC)	16	Design and Repeat Pro	55
Design Workshop	17	Easy Coloring Pro	57
True Coloring	18	Storyboard and Cataloging Pro	59
Catalog Creator	20		
Carpet and Carpet Pro	22	Evolution Print	64
X-Rite	25	Report Designer	66
Tuft Pro and Tuft Enterprise	26		
DesignCOM	30	NedGraphics Company Overview	68
DesignCOM Server Planning Plug-in	36		
Tiling SDK	40		



FLOOR MARKET INDUSTRY - NedGraphics



FLOOR DESIGN

With a dominant market position in the flooring industry there is a big chance that the carpets or rugs at work, in your home, your favourite restaurant or hotel, have all been developed with NedGraphics software.

Through intensive cooperation with machine manufacturers, woven- and tufted carpets producers NedGraphics is in the perfect position to focus on optimal use of the available weaving and tufting techniques. Our software allows you to save time and money throughout the complete production process. Through the use of our true to life simulations your sales force can close orders before one yard of carpet has been produced. Keeping a close eye on new and upcoming trends like the use of High Tech fibers and cost saving production techniques engages us to create enough possibilities in our software allowing you to keep up with your market changes.



NedGraphics SOLUTION OVERVIEW

FLOOR design



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



Design & Creation Solutions	Texcelle True Coloring Design Workshop Tuft Enterprise Tiling SDK Printing Studio Suite Evolution Print
Workflow Optimization & Integration Solutions	DesignCOM
Production Interfacing & Virtual Sampling Solutions	Tuft Enterprise Tiling SDK Printing Studio Suite True Coloring Evolution Print Carpet Pro
Marketing, Presentation & Sales Solutions	Storyboard & Cataloging Pro True Coloring Tiling SDK Catalog Creator Easy Map Suite DesignCOM Reporting Enterprise LOFT.™

X-Rite color management solutions

CUSTOMER REFERENCES LIST FOR FLOOR DESIGN

Al Abdulatif- Saudi Arabia

Al Sorayai- Saudi Arabia

Aleptex – Morocco

Alfombras Universal XXI S.L.- Spain

Anker Teppichfabrik- Germany

Associated Weavers- Belgium

Balta- Belgium

Beaulieu do Brasil Industria

de Carpetes- Brazil

Brintons- UK

Burtco Enterprises-USA

Carpet International- Thailand

Chinar Forge- India

Dansk Wilton- Denmark

DC Mills- India

Desso- the Netherlands

Extra Weave- India

HaiMa- China

Halbmond Teppichwerke- Germany

Hyosung- S. Korea

Interface Europe- the Netherlands

Kasmir Hali- Turkey

Kolon- S. Korea

Lano Carpets- Belgium

MAC Carpets- Egypt

Merinos Hali – Turkey

Tapetes Lourdes Ltda.- Brazil

Tapetes Sao Carlos Ltda.- Brazil

Textil J. Serrano Ltda.- Brazil

Textil Tabacow S.A.- Brazil

and many more...



NedGraphics CUSTOMERS REFERENCES

Merinos Hali San. & Tic. A.S.

Rug manufacturer
Gaziantep, Turkey
www.merinos.com.tr

Merinos is the leading rug manufacturer in Turkey and the third largest rug player in the world. Because their sales are still growing, Merinos has set their goal to become the worldwide leader in rugs by next year. Merinos is also the producer of the popular labels: Dinarsu and Padisah.

"We have been using NedGraphics for approximately 10 years. Because of the use of Texcelle we are able to design and work faster. Due to DesignCOM we archive and store all our files in a easy accessible central database. This keeps the organization streamlined and avoids delays.

Because of their innovative technologies, we can service our customers better.

Thank you NedGraphics for your professional solutions."

Sirin Sarsu
Manager of Design Department
R&D

J&J Industries Inc.

Broadloom and modular carpet tiles
Dalton, GA, United States
www.jjindustries.com

J&J/Invision is a leading-edge carpet tile and broadloom manufacturer offering standard as well as custom floor coverings.

"With the fast pace that is required in the Design Studio, we depend heavily on our NedGraphics design systems. Our design team works on running-line products as well as custom designs every day. We are able to accomplish this because our NedGraphics systems allow us enormous creative flexibility when drawing in the Texcelle program. Then, the Tuft program employs the technology for those designs to "talk" to our tufting machines. Our customers are moving as fast as we are and are very demanding. The True Coloring program is extremely helpful in aiding us to win jobs by quickly generating superior carpet simulations. We can offer designers many product and color options in a short amount of time. It is truly a win-win situation for both our customers and us. The support that we receive from NedGraphics cannot be rivaled. We get constant software updates and exceptional technical support from both our Customer Service Specialist and our Account Manager. All in all, we could not be more pleased with our NedGraphics design systems."

Laura Compton,
Director of Design
OBEETEE PVT. Ltd.

Hand-knotted & tufted, flat woven
carpets Mirzapur(U.P) India
www.obeetee.com

OBEETEE was established in 1920. Today it is India's leading producer and exporter of exquisite hand-knotted, hand-tufted and flat woven carpets.

"Deep in rural India we have most of our production, including a state of the art Design Centre. When we introduced Computer Aided Design in this environment we were amazed by the smooth acceptance of CAD by our artist, who had no previous experience with computers. They all embraced the easy to use – yet highly productive – NedGraphics design software. This was some 15 years ago. We now run what is probably the most advanced and largest design operation in India if not Asia. It helps us cater for the highest demands of our clientele in America, Europe as well as Asia."

Vinoo Sharma,
Managing Director

Desso B.V.

Woven Axminster, Wilton and Tufted carpets (Tiles), The Netherlands.

www.desso.com

Desso - a leading European player in the floor covering business.

Desso HMA (Hotel, Marine and Aero division) produces high quality carpeting products for hotels, casinos, conference centers, cruise vessels and the aviation industry. The product range includes standard products, available from stock immediately, but also high quality woven Axminster and Wilton products.

“The software is very user-friendly. Not surprisingly, most of our colleagues use NedGraphics. It is really the standard software for carpet design.

We very rarely have any problems, as the products are all very mature, but if there are problems they are always resolved quickly. We really enjoy our cooperation with NedGraphics.”

“Using NedGraphics’ Texcelle, I can develop concepts and produce samples within 24 hours and thus respond very quickly. And quick response is a must nowadays.”

Henk Ramakers,
Senior Designer



TEXCELLE FOR FLOOR DESIGN

The Ultimate Creative Carpet Design Software

Texcelle is perfectly suited to the design needs of Carpet and Jacquard products. 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.

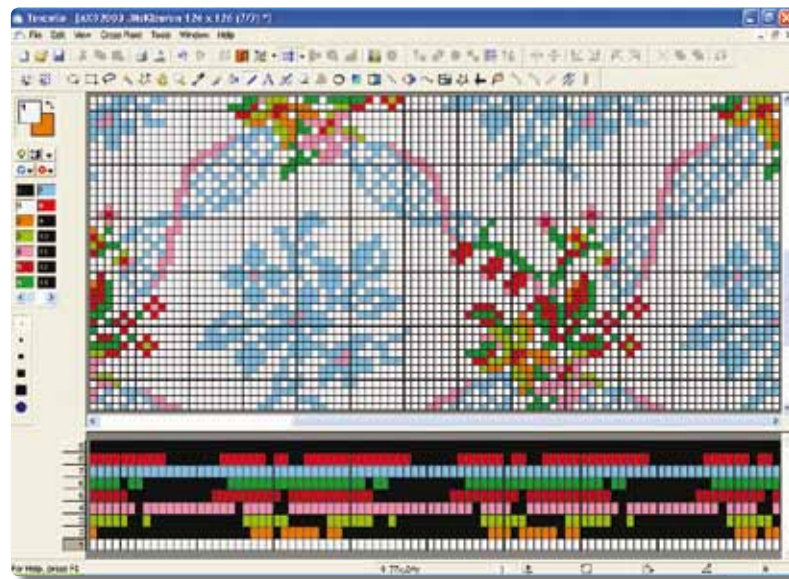
- **TexFlash:** (a 32-bit version) is a light version of Texcelle that comes with an attractive price tag, ideal for starters.
- **Texcelle:** (a 32-bit version) is the ultimate creative design software, complete with all functionalities you need to create designs, recolorings, simulations for sales 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 and design characteristics can be added each time when you save. This makes future retrieval and sharing much easier and less time consuming.



Texcelle example functionality crossplant.

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 FLOOR 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.

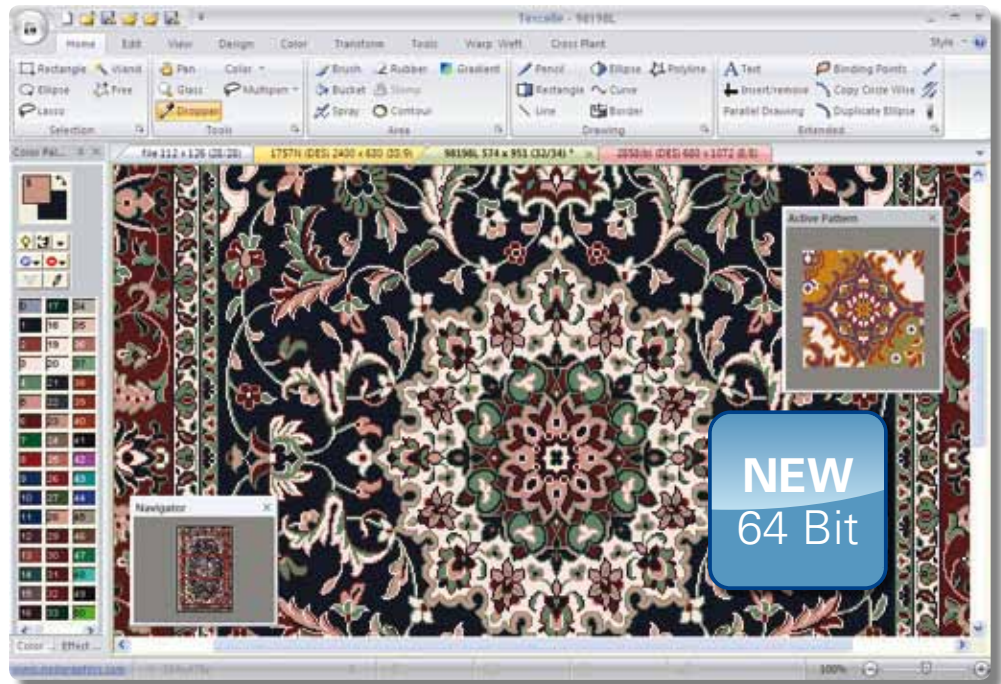
Texcelle Pro: New interface 64-bit.

TexFlash

Texcelle

Texcelle DesignCom

Texcelle Pro



**NEW
64 Bit**

Highlights and features

Choose over 150 design functions

Create and edit multiple designs simultaneously

Special edge smoothing to prevent jagged edges and contours when scaling

Large file support up to 48000 picks/ends

Create, modify and save color palettes according to designers preferences

Create smooth curves using Bezier, splines with control points

Personalize preferred tools using shortcuts

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

Export directly design data to MS Excel

Filling patterns or weave structures

Store pieces of designs in a Clipboard for instant access

Easily align selections in a design

Skew, curve and scale selections for interesting effects

Supports Pantone®

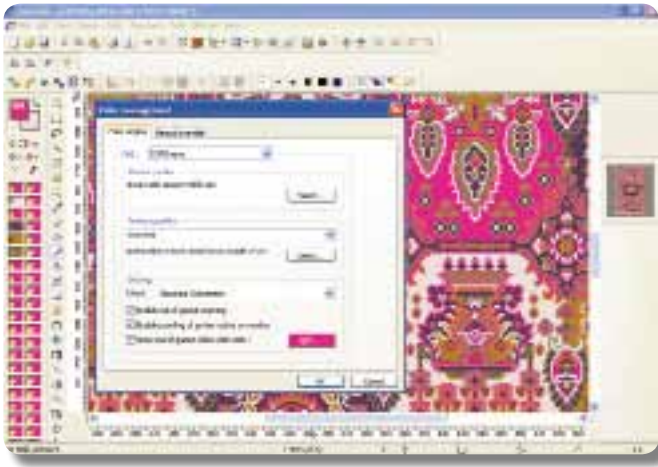
Add-on Modules for Texcelle & Texcelle Pro

- Texture simulation for creating carpet simulations such as Shaggy, Wilton,...
- Double workers & effect weaves
- DesignWorkshop to speed up creation of geometrical designs
- Conversions for Axminster, Viable, EAT, Griffith, Zimmer,...
- Yarn Usage calculation
- Full integration with DesignCOM, the solution for workflow optimization & integration
- Crossplanting to optimize your creel for Axminster or Wilton
- Colortec Tufting machine interface
- Integrated Color management based on industry standard ICC

TEXCELLE 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.



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 carpets 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 consistent 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.

The pink shows the out of gamut colors with the help of the ICC profile Texcelle

TEXCELLE ADD-ON DESIGN WORKSHOP

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 does 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.

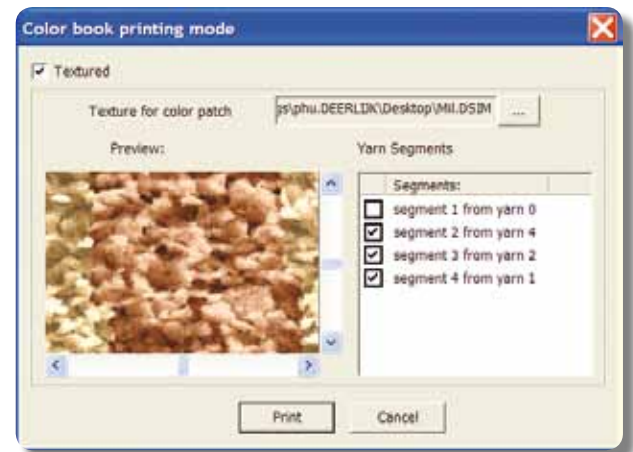
TRUE COLORING FOR FLOOR DESIGN

True Coloring is a tool for recoloring and printing simulations.

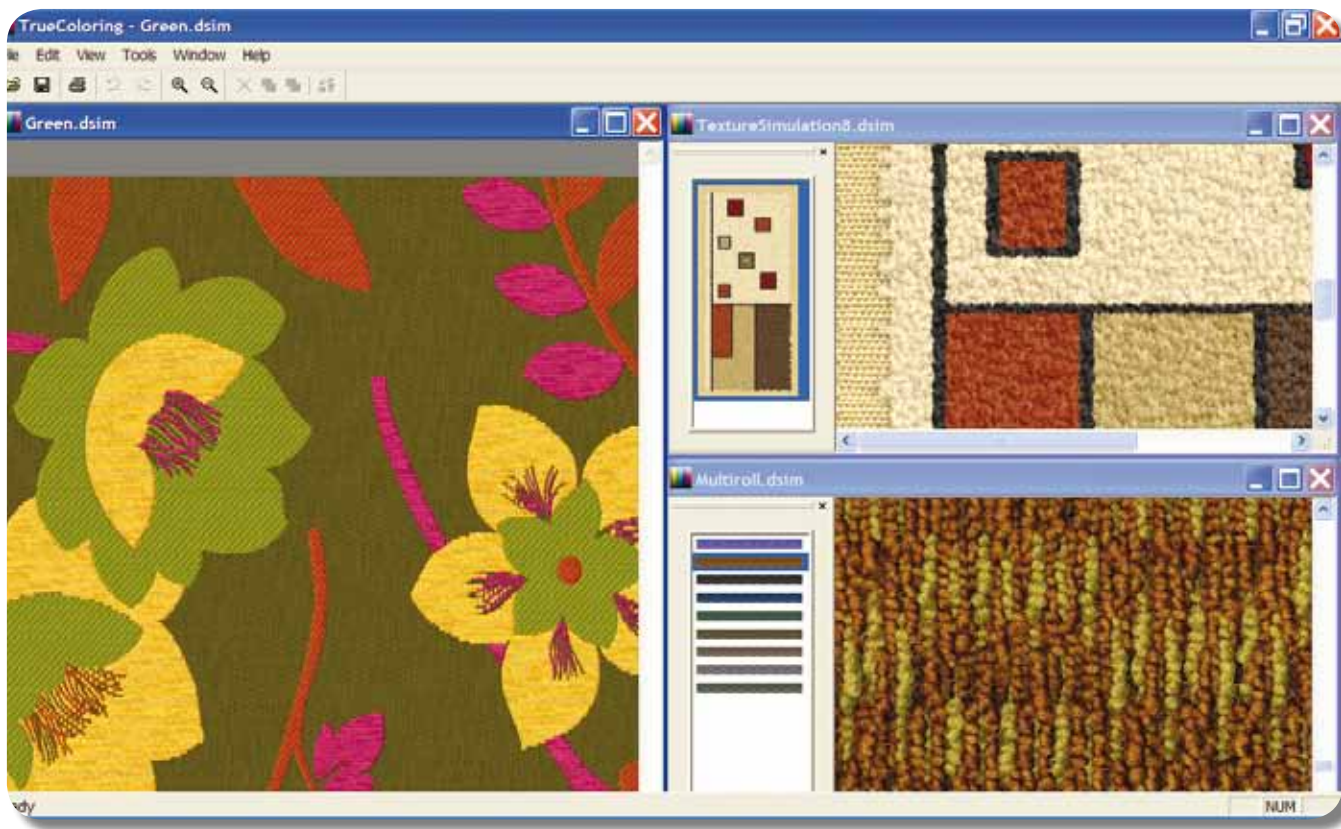
The True Coloring module of NedGraphics has brought recoloring simulations to a new level. Currently True Coloring supports simulations made with the Product Creator simulations for Jacquard fabrics, tufted carpet simulations made with the Tuft Enterprise module and the Texture simulations made with 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.

CATALOG CREATOR FOR FLOOR DESIGN

Cataloging & 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.





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.

CARPET & CARPET PRO FOR FLOOR DESIGN

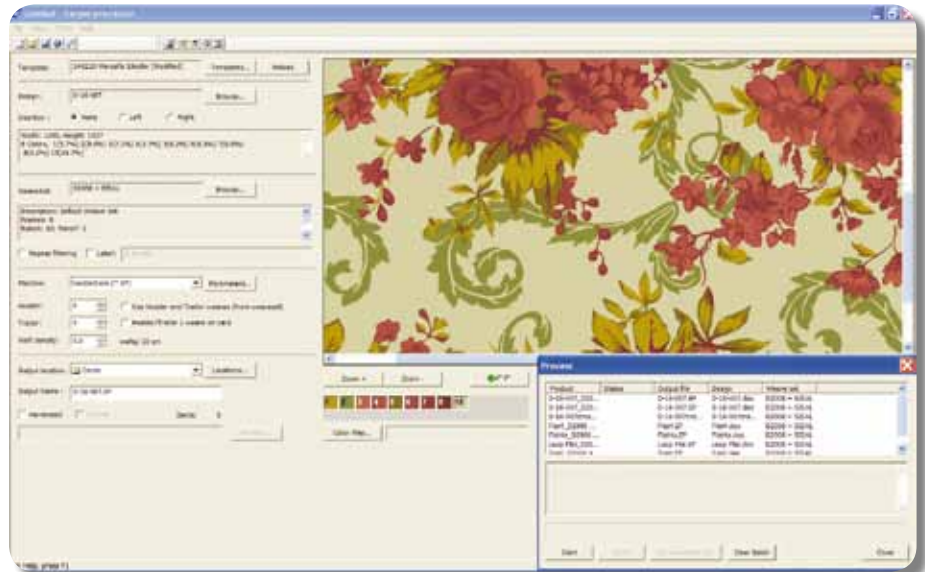
Woven carpet in custom qualities.

NedGraphics Carpet Pro is a powerful CAM software for machine woven carpet and rugs. Carpet Pro translates designs into jacquard information for practically all card punchers and electronic jacquard machines from Grosse, Schleicher, Schönherr /Stäubli, Van de Wiele/Bonas and Takemura. It supports all weaving techniques. Such as Wilton, double face, cut & loop and flat weave or sisal.

Carpet is a light version of Carpet Pro that comes with an attractive price tag, ideal for startups.

Carpet

Carpet Pro



Example of Carpet Processor.

Carpet Pro accepts designs in over 20 different graphical formats. It comes with a very complete library of weavesets. The 'wysiwig' interface guides you when creating or modifying weave sets. A graphical montage editor is available to create any card lay out needed for mechanical looms. The cross section viewer shows you the end result and helps you to find undesired effects. The cross section viewer simultaneously visualizes the design; very helpful to retrieve original designs from production data. Carpet Pro allows you to save production data to any data carrier (disk, pc-card, Syquest etc.) or send the data directly to the looms via net-work. Carpet Pro supports single, double and triple rapier looms with up to 14 colors and even more.

NedGraphics provides specialized weave sets and weaving consultancy to make your looms work more efficiently and improve the quality of the end products.

Highlights and features

Supports all common design, loom and jacquard formats.

Supports all production techniques such as: Wilton, double face, cut & loop, flat weaves, double workers...

Custom and new weave qualities can be developed by creating custom weave sets.

Loom editor to create complex harnesses.

Send orders directly to your looms.

Unattended Batch processing.
Real-time cross section viewer to visualize weaves and processed carpet.

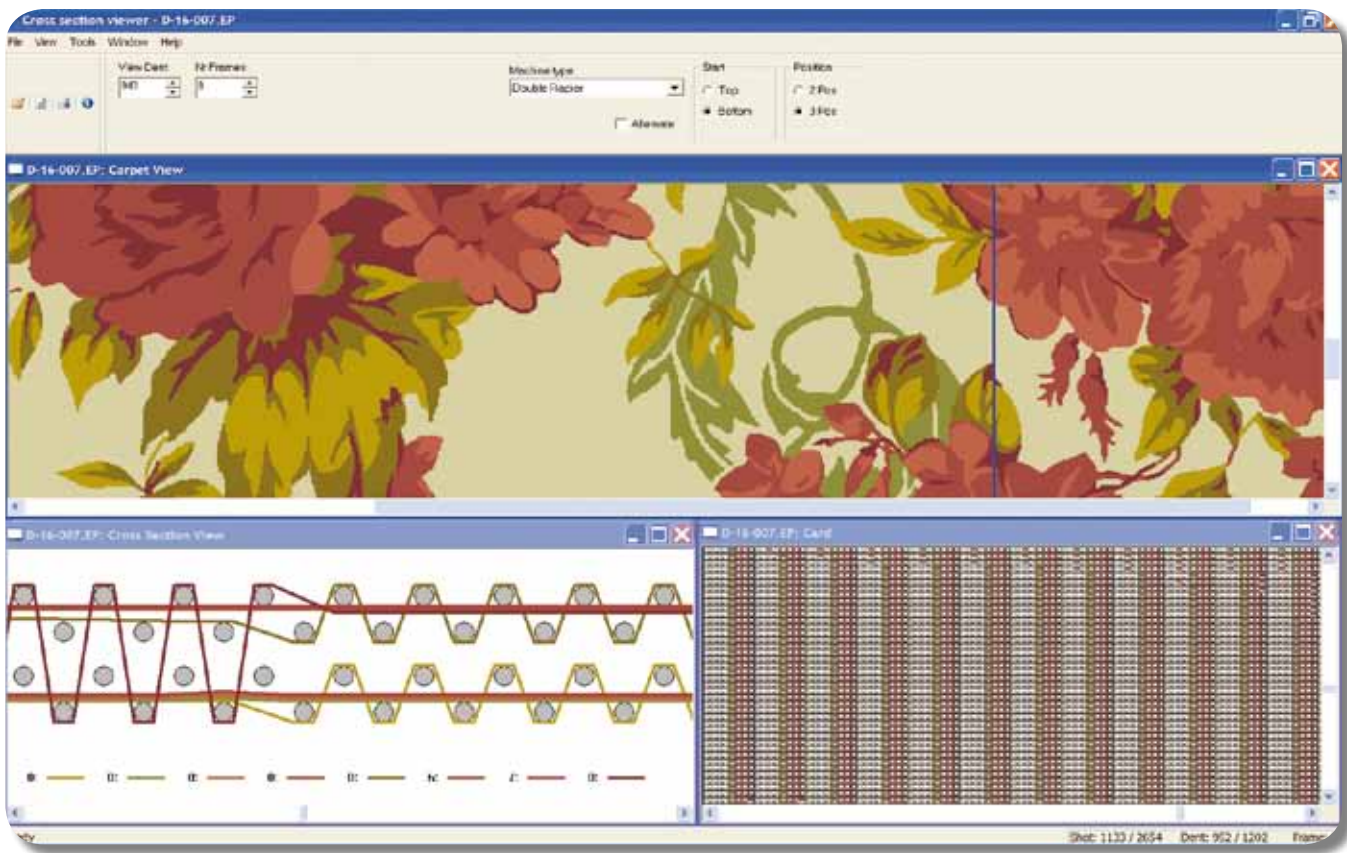
Retrieve original designs from card data.

Export data to Microsoft Excel to create technical sheets and calculate yarn requirements.

Plan and centralize your production orders by using the weave plan module.

Supports graphical input of path definitions in the weave plan module.

Integrates fully with DesignCOM for workflow optimization & integration.



Example of Cross section Carpet (Pro).

TUFT PRO AND TUFT ENTERPRISE FOR FLOOR DESIGN

The Ultimate Tuft Design and Simulation Solution.

The NedGraphics Tuft Solutions offer a wide range of design and proofing tools that enable a designer to create, see and control the actual end Tuft product at an early stage. Just draw your cam, assign the yarns to needles and draw the high-low pattern. The result is displayed instantly and you are notified immediately if errors or inconsistencies exist.

NedGraphics has developed 2 kind of Tuft Solutions; Tuft Pro and Tuft Enterprise.

Tuft Pro is a basic version of Tuft Enterprise that comes with an attractive price tag, ideal for production or as additional workstations with basic functionality. Tuft Pro supports needle offsets like CMC PSP, Cobble DSP and TFI/A+P Jutemover.

Tuft Enterprise is the ultimate solution for any Tufting Company; a high quality simulation engine, batch simulation to speed up virtual sampling as well as True Coloring to create and recolor highly realistic virtual samples.

Tuft Enterprise support practically all tufting machines from all major machine manufacturers as well as different types of yarn (normal, space dyed, Superba, air entangled).

The Tuft Enterprise simulation module allows sample quality printouts to be produced for end control, sales and clients.

Complex yarns are taken into account, along with the high-low effects the end result is stunning. Part of the simulation can be viewed while in design view, to preview the end result while designing.

A tool for yarn requirement calculation is available to calculate the required yarn lengths and yarn weight. The results can be directly presented in Microsoft Excel for further processing

Highlights and features

Create highly realistic simulations to replace traditional samples. Even the most complex effects such as highlow, cut-loop, space dye are simulated realistically.

Interface with Tufting machines from common manufacturers.

Tuft Pro

Tuft Enterprise

Support all tufting techniques: scroll, multi-roll, graphics, crossover...

Advanced multi-roll functions that calculates and optimizes any Tuft design.

Print technical and graphical sheets using customizable print schemes.

Use multiple views of tuft design, pattern, technique and simulation mode.

Works with real-time yarn statistics

Imports straight from Texcelle any Tuft design for further process.

Real size view of all Tuft designs and samples on the screen.

Warning system if any of the Tuft parameters does not match.

Integrates fully with DesignCOM for workflow optimization & integration.

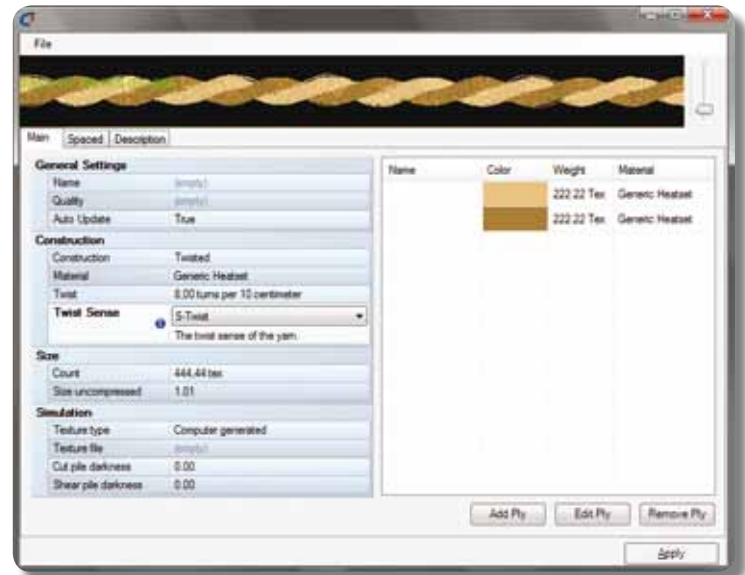


Integration

All Tuft solutions provides advanced intergration. Designs can read directly loaded from the DesignCOM database.

Special versions of Tuft can be used on the tufting machine itself. It allows machine operators to use similar programs as the designers making it easy to keep track of design changes. This eliminates the need to re-import designs or go back to the design department to make minor adjustments.

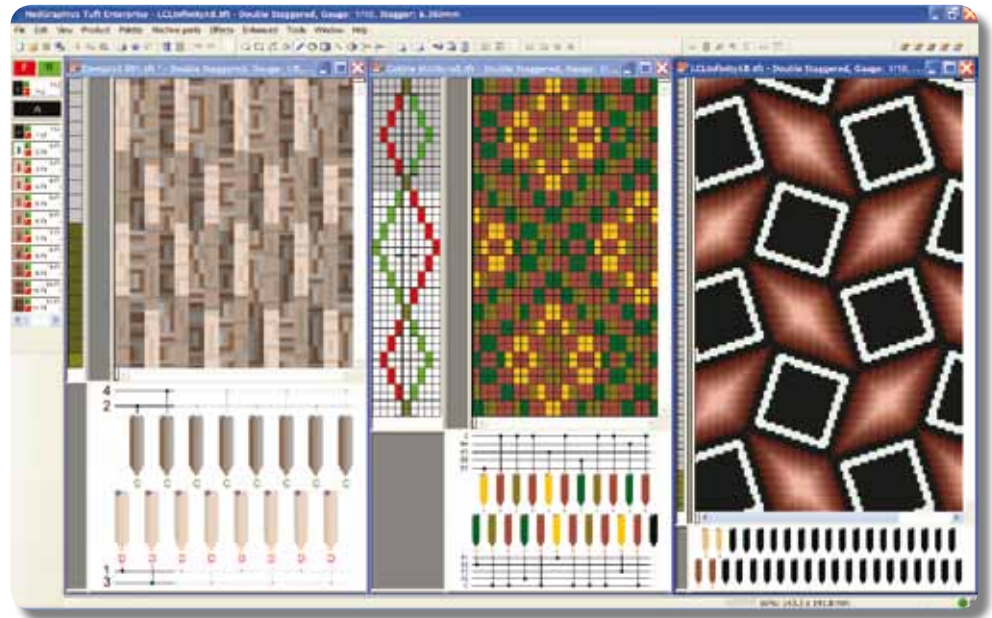
Example of yarn dialog Tuft.



MACHINE INTERFACES

- Chattanooga Tufters
- CMC *
- Cobble *
- GT Supplies*
- Kibby / Modra *
- Nakagawa / Yamaguchi
- TFI / A+P *
- Tuftco *
- Tuftex / Danley *
- Vertical Technologies
- OpenTuft Modra
- Tiling Plug-in

* partner relation

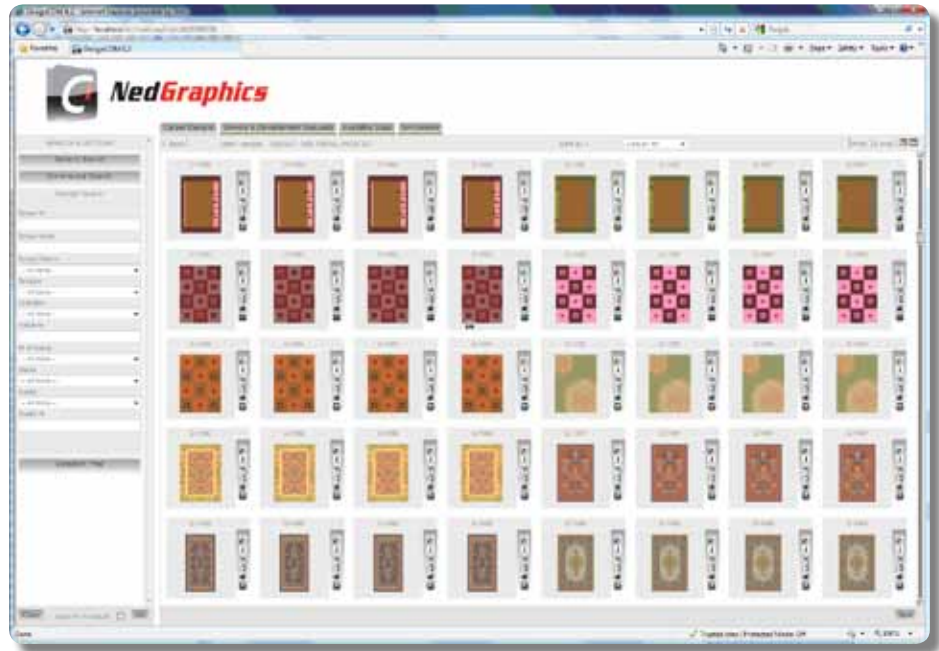


Sample screenshot Tuft solution.

DesignCOM FOR FLOOR 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.



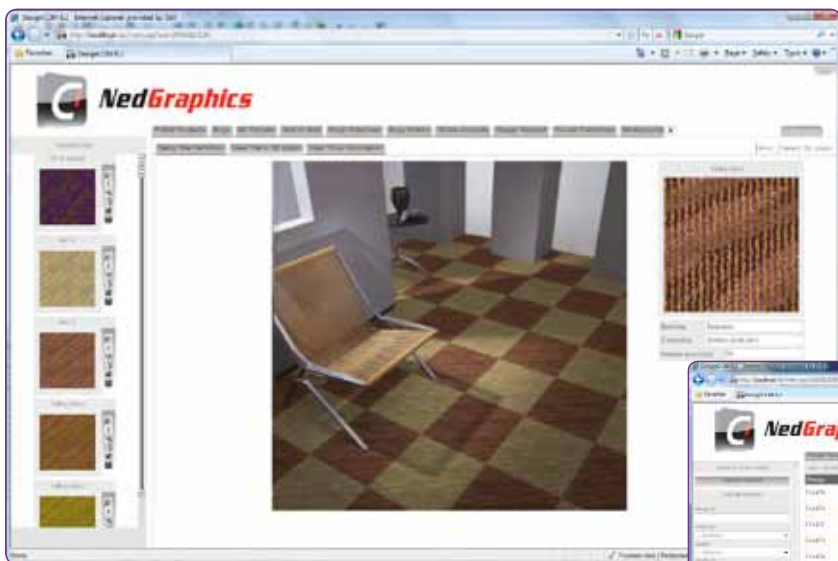
Share information easily within your organization.

Integration

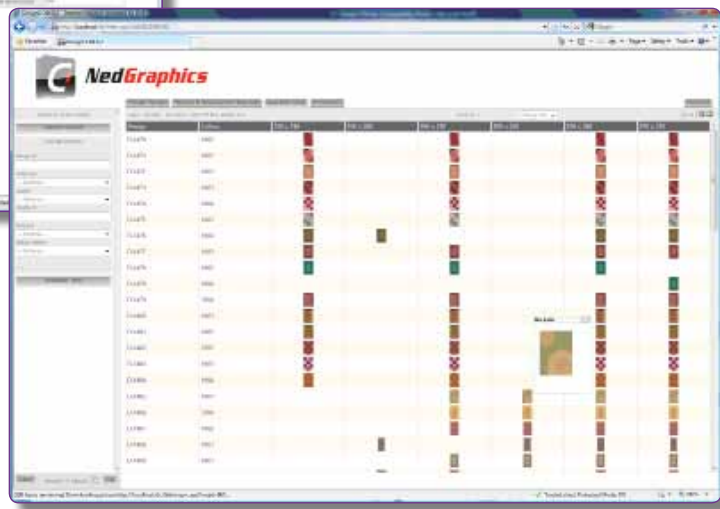
DesignCOM can be integrated with other enterprise systems (ERP, CRM) in order to provide detailed, timely information along with the right visual.

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.



Example Online product presentation with the DesignCOM Tiling and 3D presentation plug-in.



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 management 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.

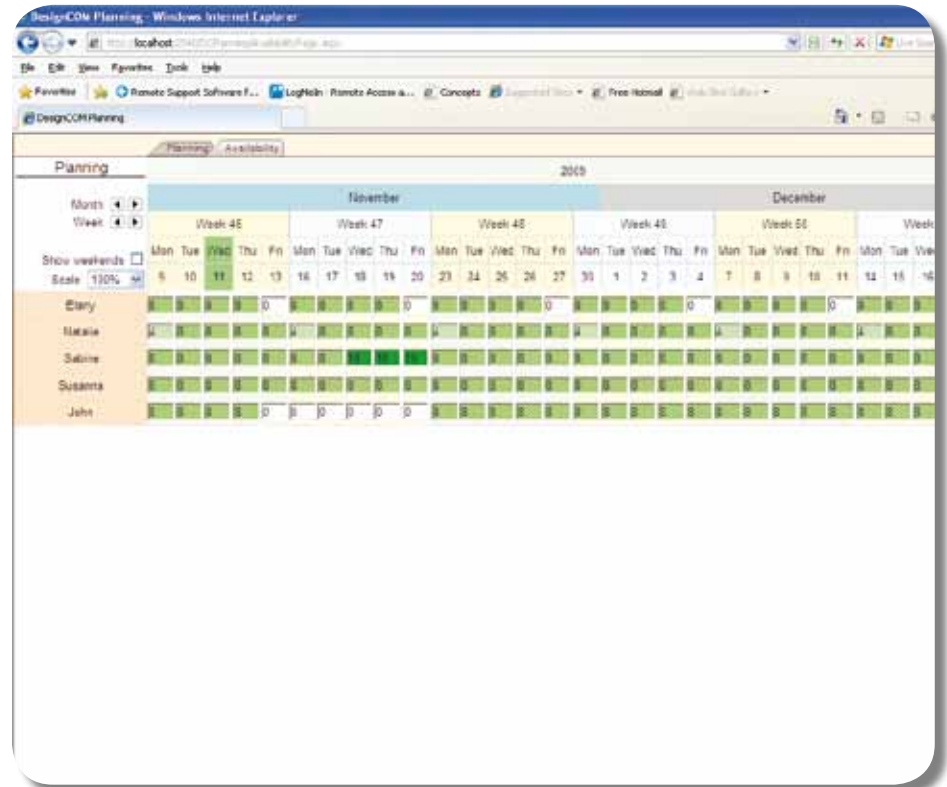
DesignCOM Server Planning Plug-in FOR FLOOR DESIGN

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.

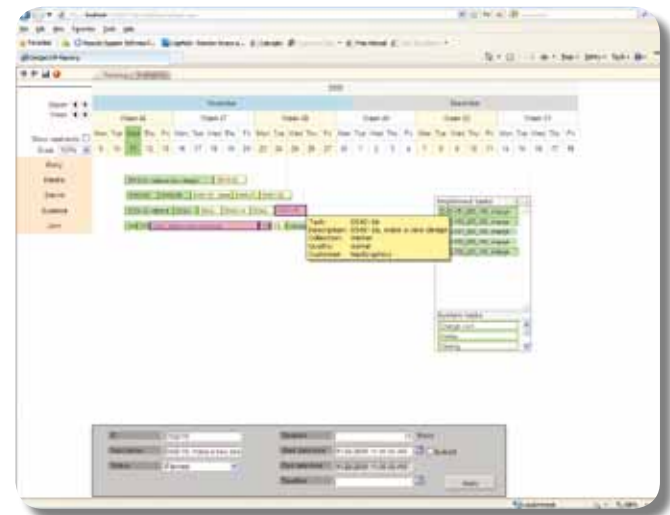


DesignCOM Design Planning

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.

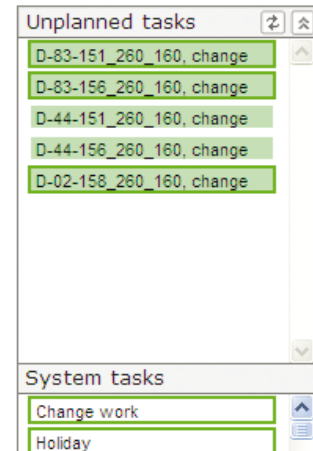
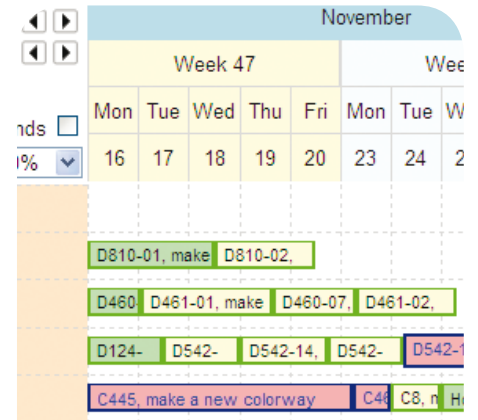
Double click a task to open the underlying information from DesignCOM.

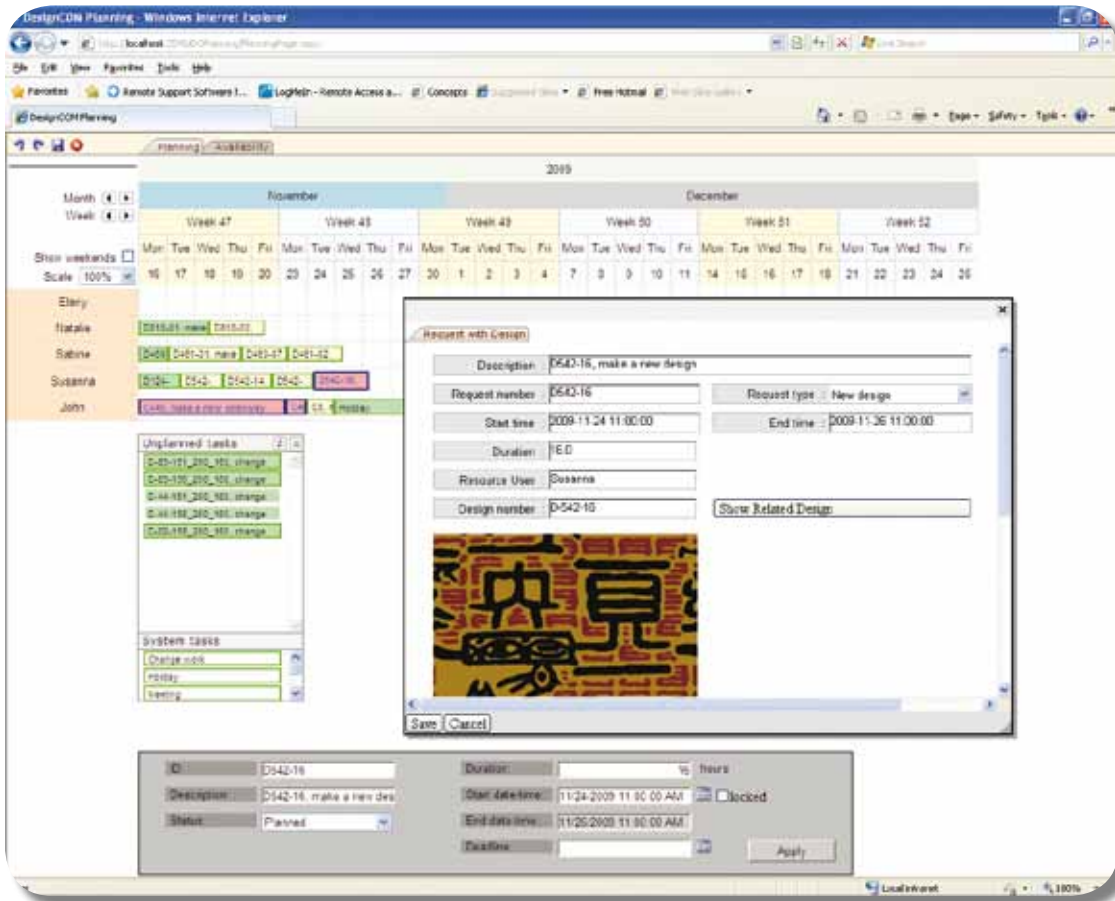
Tasks / activities are displayed in various styles/colors based on the task information. The task colors and styles can be defined freely.

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

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

Hide or show weekends.





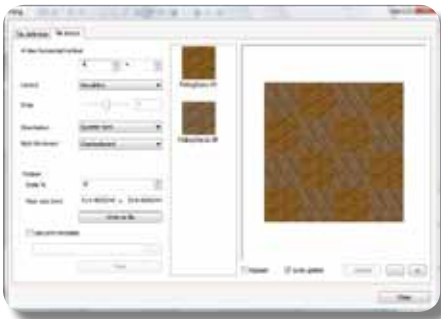
Server Planning Plug-in Task with details.

TILING SDK FOR FLOOR DESIGN

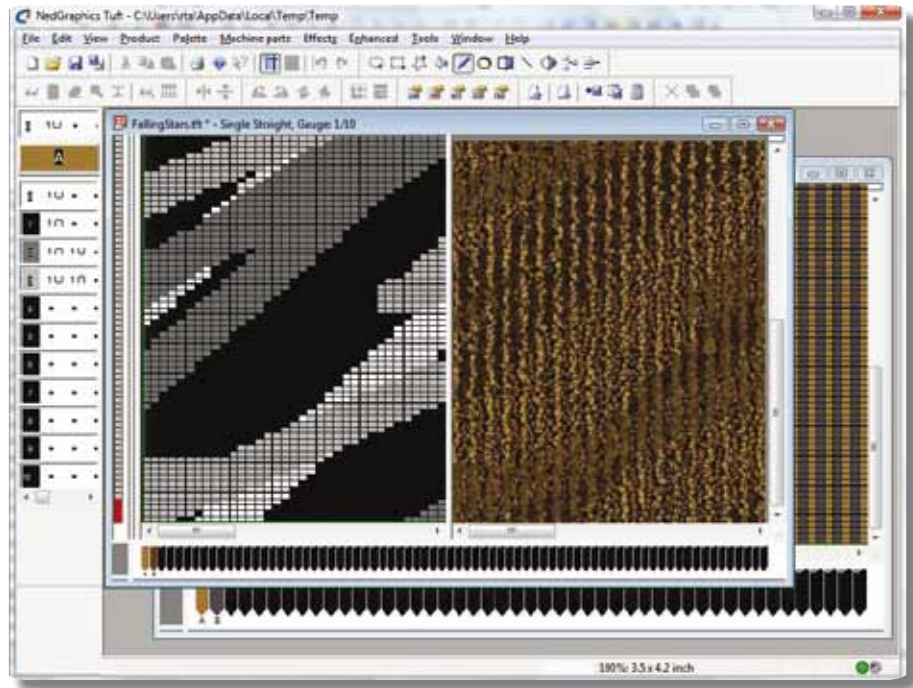
The functionality of the Tuft Enterprise Tiling Plug-in directly available in your website.



Example of Tiling Simulation.



Tile menu example.



Tile example in Tuft.

EASY MAP SUITE FOR FLOOR 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.



On the left you can see the selected area which need to be mapped and on the right side of page 39 you can see the placed grid of the selection.



Easily select a carpet to place in 3D environment

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.

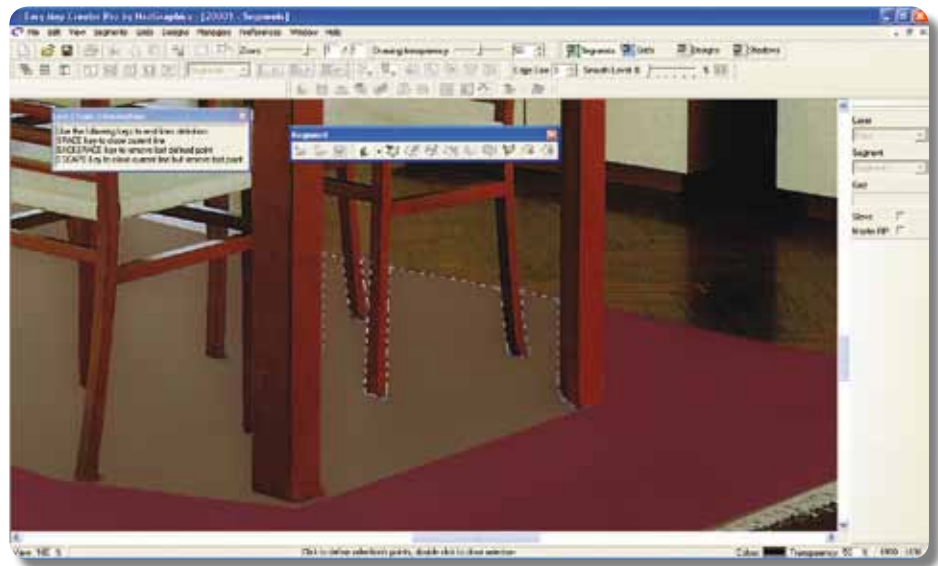
Renderings can be printed or shared, to provide impressive content for presentation boards, product catalogs, advertising, packaging and websites.

BASE MODULES:

Easy Map Creator

Easy Map Creator Pro

Example detail create segment.



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 Cataloging 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.

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.

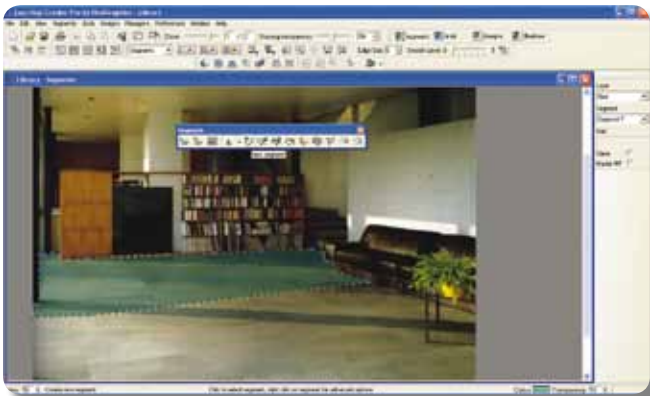
Identify specific colors for transparency.

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

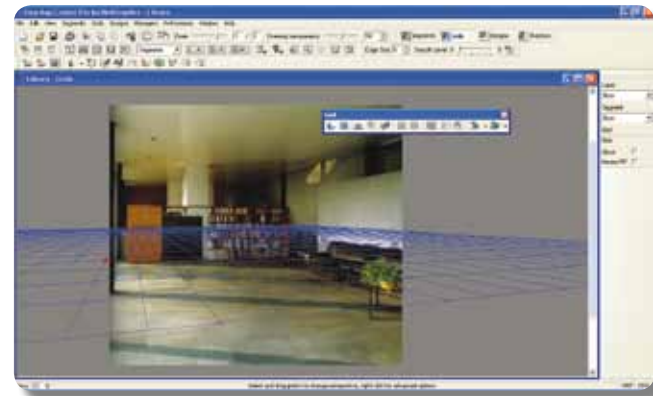
Advanced polyline options to add or extract selections from segments.

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

Automatic copy function from one grid to the others.



Start to create a segment on the area you like to map.



Add Grid to your segment and placed it in the right position.



Add your designs to the segment and view result of the mapped design.

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.



Your sales team will love this tool. Show designs quick and easily in interior photographs.



Easy Map Viewer

Easy Map SDK

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)



PRINTING STUDIO SUITE FOR FLOOR DESIGN

The Ultimate Modular Design and Idea Promotion Powerhouse.

BASE MODULES:

**Color Reduction
& Cleaning Pro**

Design & Repeat Pro

Easy Coloring Pro

ADD-ONS:

**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 floor design.*
- **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*

Specific add-ons:

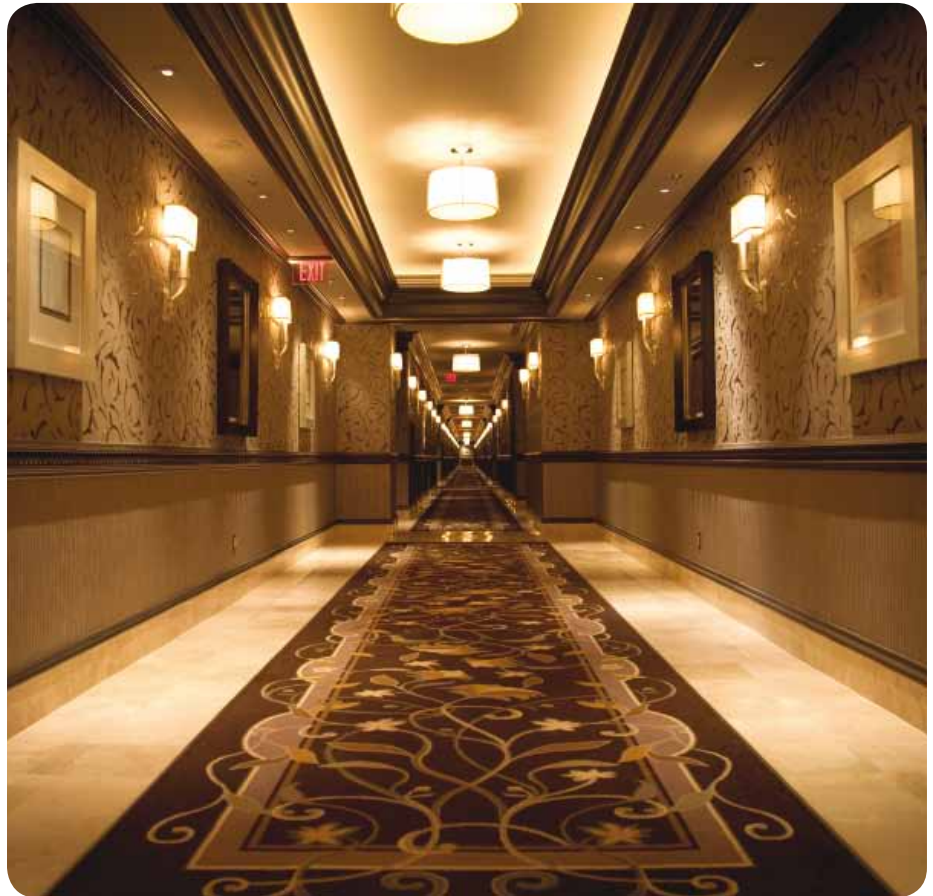
- **Storyboard & Cataloging Pro:** An invaluable tool for apparel designers who need to present flooring designs, sketches, and color standards with all related merchandising content.

***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 floor 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 and needs.



PRINTING STUDIO COLOR REDUCTION & CLEANING PRO

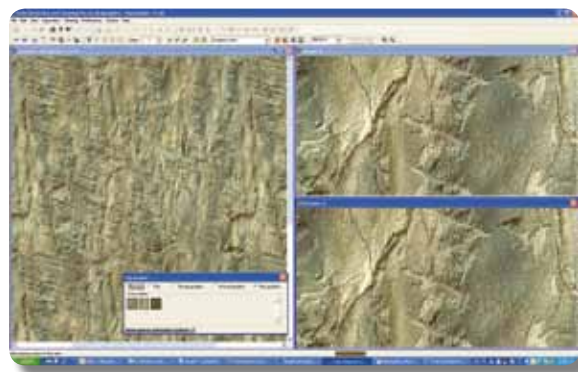
Today's hard flooring designers demand unparalleled performance from software that is easy to use, while also delivering the highest possible quality. Color Reduction and Cleaning Pro is one of the core modules of the Printing Studio Suite and offers some of the most specialized and versatile tools for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

BASE MODULES:

**Color Reduction
& Cleaning Pro**

Design & Repeat Pro

Easy Coloring Pro



While scans capture an unlimited number of 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 complement 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, 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, halftones and flatcolors into designs. These new color matching methods will increase the creative process of new collections of our hard flooring design 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.

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 hard flooring. Specific processes that eliminate colors where they are not wanted and replaces them with the correct colors automatically.

Unique black and white "film" view, high-lights 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.

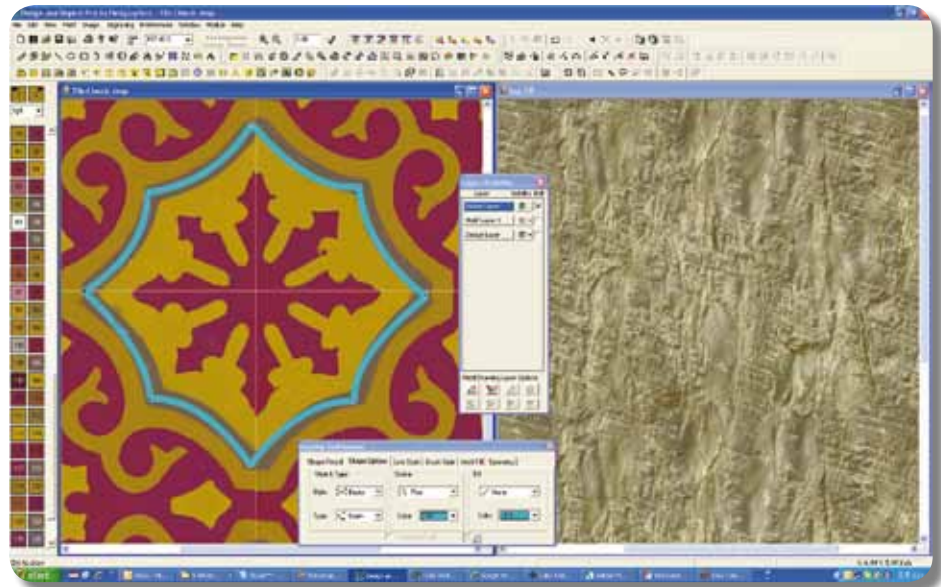
The need to create and develop designs of the highest possible quality. With large investments in original artwork, samples, trend services and the creative talent necessary to address them, our customers need to quickly turn ideas into marketable products.

BASE MODULES:

**Color Reduction
& Cleaning Pro**

Design & Repeat Pro

Easy Coloring Pro



Highlights and features

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.

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, flexographic 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 flooring designs. 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 their designs.

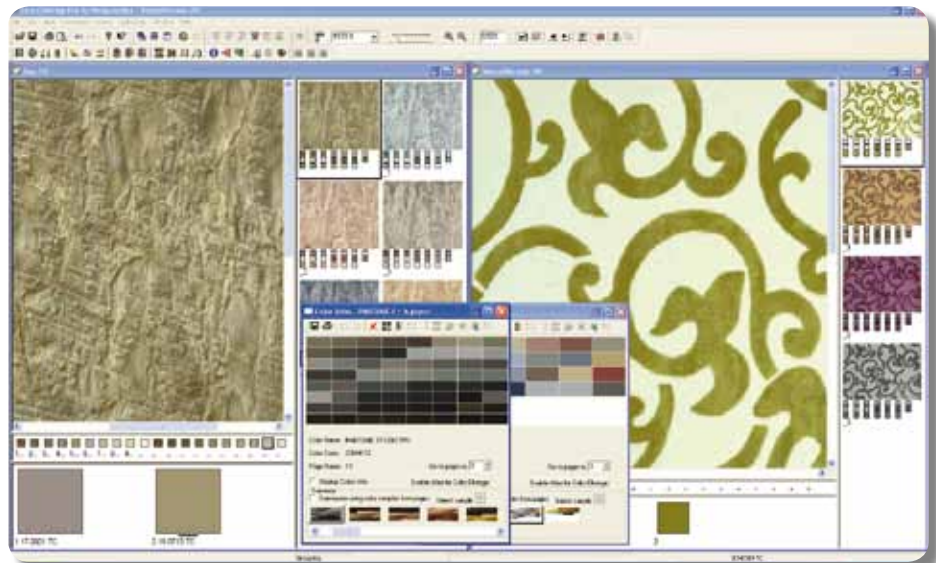
Match color standards precisely on any output printer, easily and without trial and error.

BASE MODULES:

**Color Reduction
& Cleaning Pro**

Design & Repeat

Easy Coloring Pro



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 hard flooring 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 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 **STORYBOARD AND CATALOGING PRO**

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.

It is an invaluable tool for apparel designers who need to present designs, 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.

Double-clicking such an object will automatically launch the source application and any editing that is done, will automatically update the presentation.

With thousands of users worldwide, this is the most advanced and proven solution available today!

ADD-ONS:

**Storyboard &
Cataloging Pro**

Because Storyboard and Cataloging Pro is also OLE compatible, users can import objects from all native Windows software and the program remembers the source.

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.

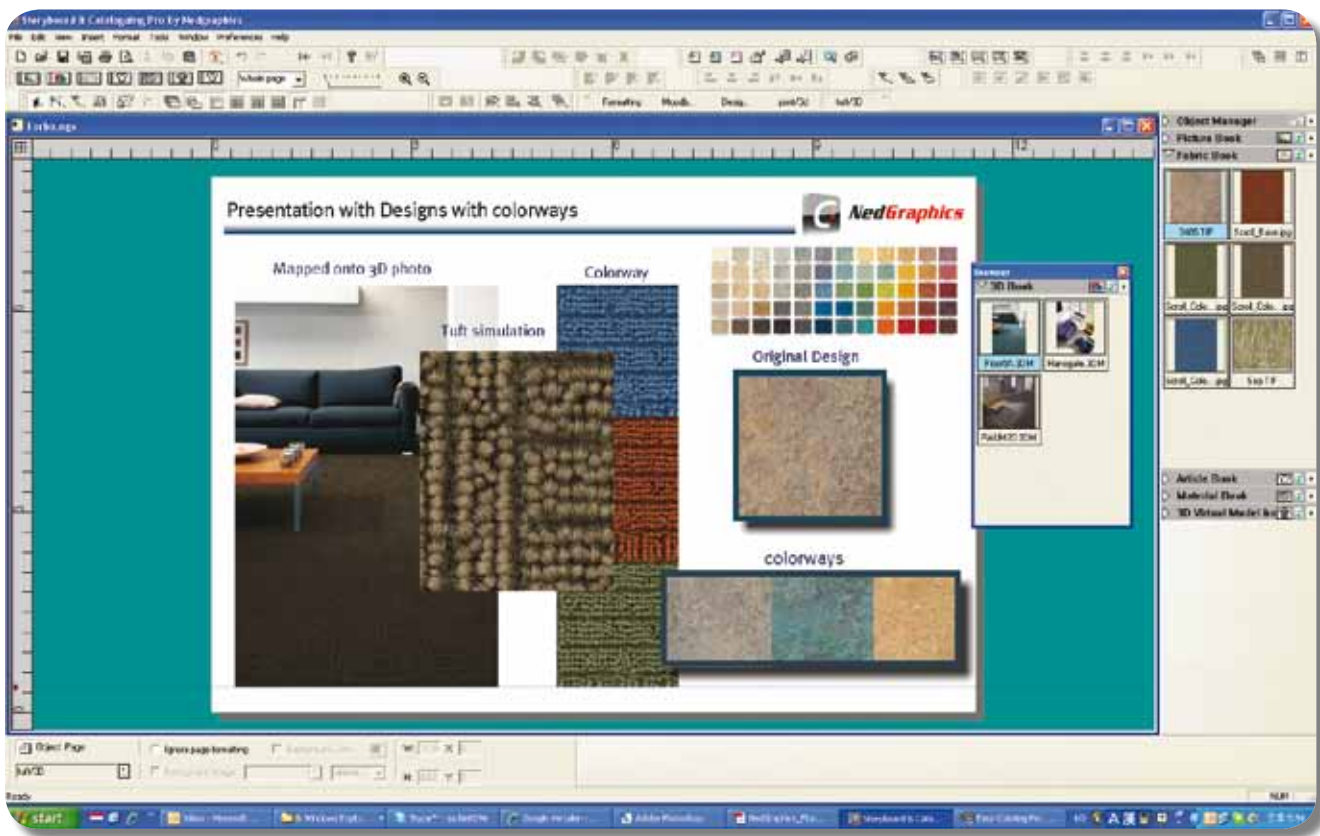
Fully compatible with the Snap Fashion® garment libraries.

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 Design carpet collection.

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**

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 FLOOR 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.

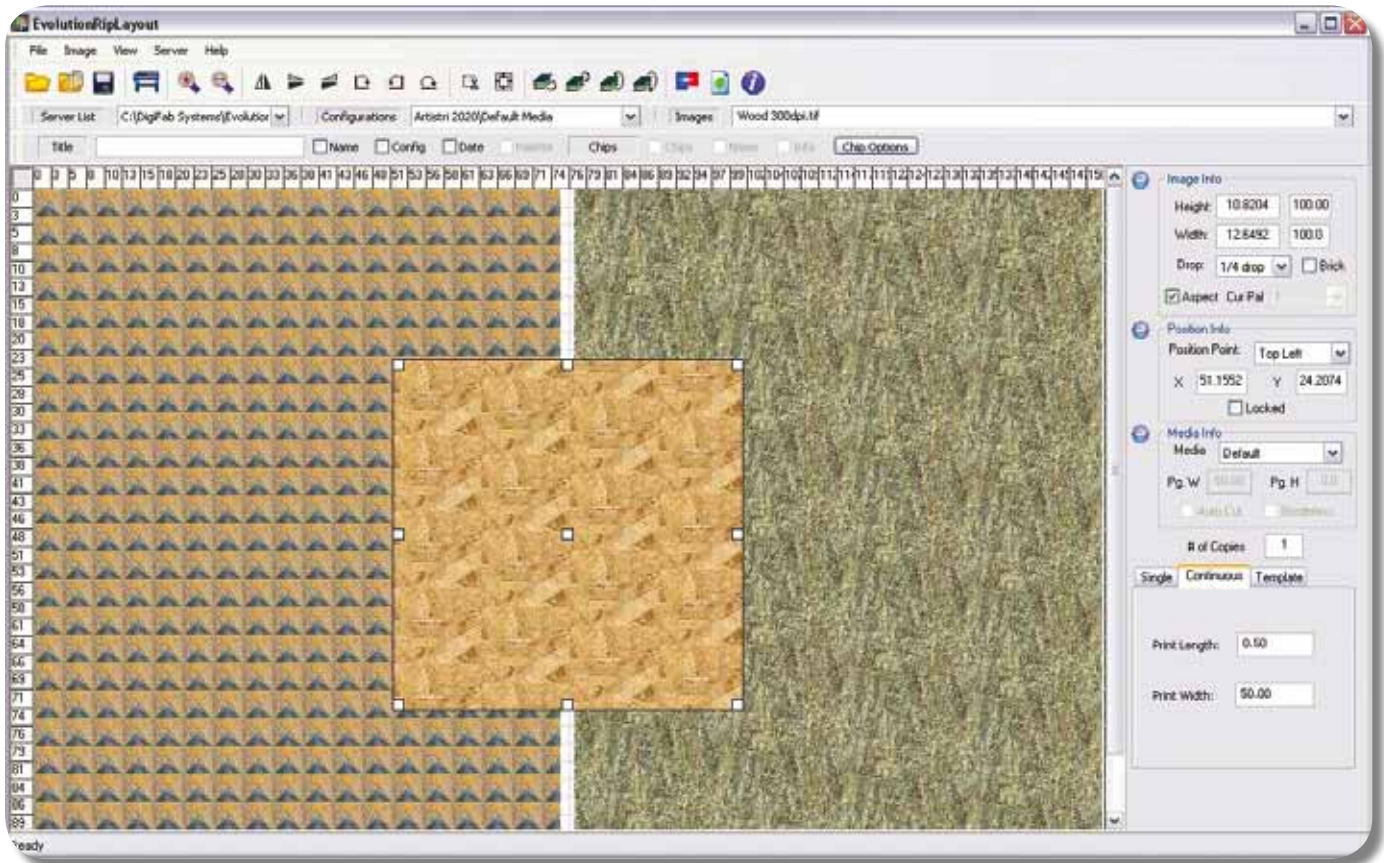
Main features

- **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 FLOOR DESIGN

Make clear reports and catalogs in an easy way.

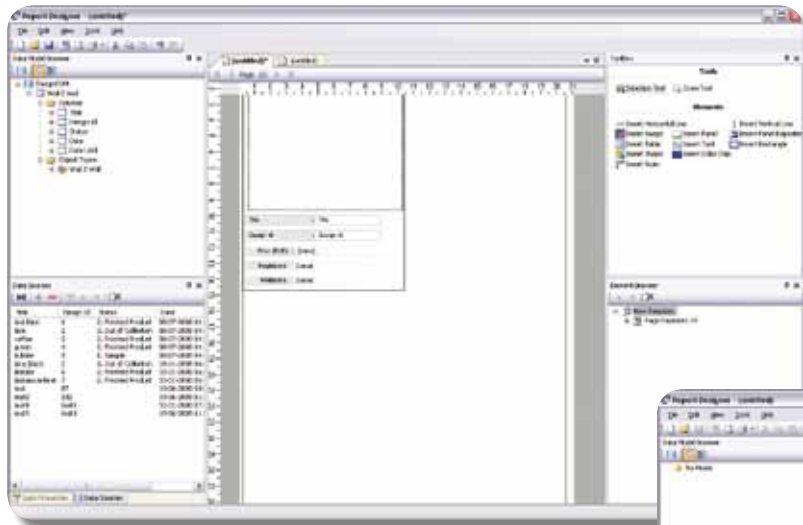
Report Designer is a very flexible reporting tool with full image support and WYSIWYG (What You See Is What You Get) editor to create reports and catalogs that can contain data from different data sources. The tool is fully integrated in the NedGraphics software or can be used as a stand-alone application 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 WYSIWIG editor. After defining the template you select the items from CAD or DesignCOM to create your own reports or catalogs.

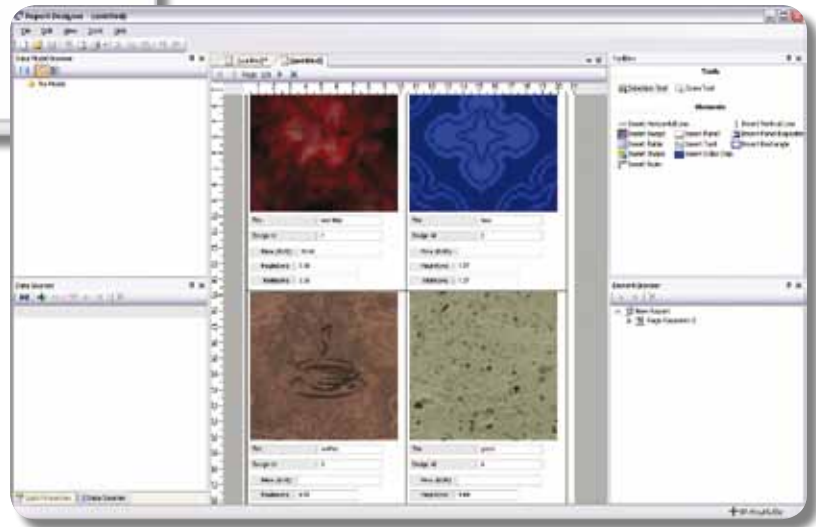
Most important is that the final report or catalog result can still be adapted to your wishes before printing. This is a unique feature which you will not find in any other reporting tool.

Features

- Easy to create custom templates using a WYSIWIG 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.



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:



