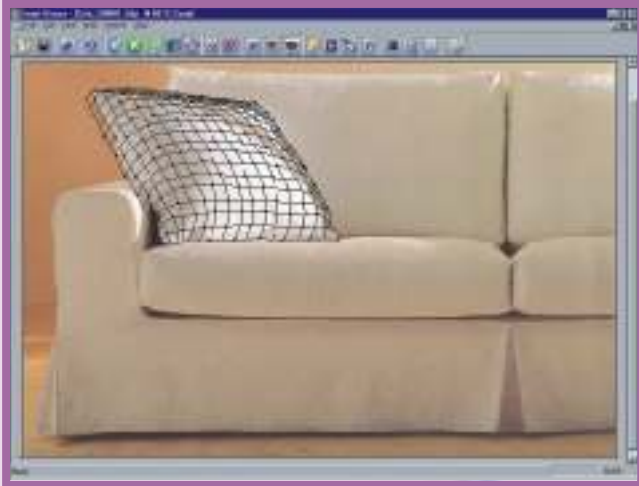


Cad System for 3D Texture Mapping

A versatile and powerful presentation tool for communicating fabric design concepts on the final application viz. garments, furnishings, curtains etc. Any object, model or area in the image can be redesigned in 3D environment and then new design range or colors applied to give a uniquely realistic result. This texture mapped images makes your sales team and customer realise marketability of your concepts. Here goes a brief on functioning of **Design 3D** and its advantages...



Screen Authoring

3D surfaces or depth dimension are extracted from 2D scanned images and photographs. Light source, viewing distance, shading information etc. are effectively defined and stored in 3DP formats.

Set of tools that are user friendly are provided, for the task of generating grids and selections can be done with multiple options such as freehand, rectangular, etc.

Multiple grids can be created for different segment areas for the mix and match creations.

Facilities to edit the mesh have been provided to give the finishing touches to the image authoring so that the final output exactly to your imaginations. The mesh can be rotated, extended and bent around the edges making your working extremely ductile.

Additionally you can introduce new or remove fold marks so that the mapped image zeroes onto the reality.

Texture Mapping

Drag and drop your designs on the image to create fascinating and realistic 3 Dimensional texture mapping.

With tools like wrap around you can move the draped texture to set it at the right angles.

Dimension of the 3D object can be defined so that the fabric size mapped is in proportion and number of repeats are automatically managed.

An intelligent library management feature, **ATLAS** graphically categorises the 3DP images into unique themes such as interior, curtains, beds, models, men or women wear, table linen etc.

Atlas also manages various parameters of fabric designs as different collections – plaids, stripes, floral, historic, geometric, abstract, modern etc. ...for subsequent retrieval.

Smart Slider hosts additional functionality to enhance the presentation post-draping and visualise the effect online in the 3D environment image.

- You can change the dimension of the design.
- Heighten visual effects by fine tuning lightness of fabric, textures etc.
- You can instantly try out different color ways of the design online.



Advantages of Design 3D

- Efforts, time and money involved in sampling mock-ups and preparation of presentations are considerably reduced.
- Parity on design concepts is maintained during presentations.
- Mapped images can be printed for internal evaluation and generating sales portfolios/slide presentations.
- Can be sent to customers over the net/posted on your WEB server.
- Easy decision making for the customers results in improving your sales.

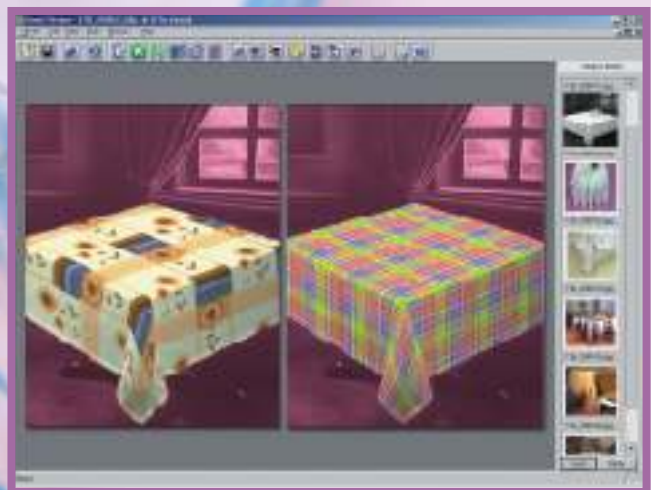
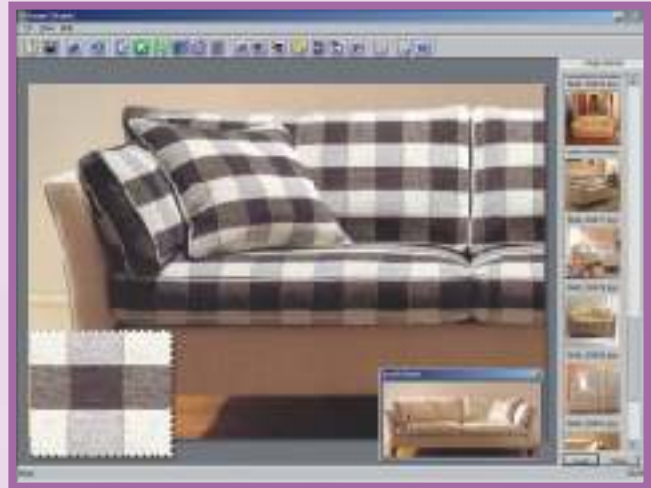
Applications

Garment Draping.

Transform your studio/monitor to a catwalk.

This feature allows you to drape digital photograph of styled garment onto a live model.

Creating a live presentation.



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Textronics

is devoted to continuous development of CAD technology for the textile industry.

A competent technical support team and a development team ensures that your needs are catered to well in time and to your satisfaction.