

CAD to real-time 3D presentations in just a few clicks.

Autodesk® Showcase® 2012 software helps you to transform your digital prototypes and architectural designs into compelling imagery, films and immersive presentations for interactive design reviews, stunning marketing materials and convincing sales pitches.

Showcase is such a powerful visual communication tool. The quality of presentation material I can generate is excellent, not to mention the way I can easily go into the system and change colours or set up animations, turntables and fly-bys. I can spin the designs around, see the play of highlights across surfaces and communicate exactly how designs will look from all angles.

—Mike Turner
Director
Mike Turner Design Ltd

In the image above, visualisation of energy-efficient building with wind turbines and solar panels. Autodesk® Revit® Architecture and Autodesk® 3ds Max® Design software products were used in the design and visualisation process. Wind turbine design based on QuietRevolution.



Image courtesy of Holden Special Vehicles

Autodesk Showcase for Manufacturing

Autodesk Showcase 2012 is a highly useful companion to Autodesk® Inventor® and Autodesk® Alias® software because it helps designers, engineers and marketing teams to evaluate designs in context, explore design options more rapidly and accelerate the feedback loop by reducing the need for physical prototypes. Showcase now enables you to generate interactive scenes automatically from your Inventor files, complete with Shots, Alternatives, Storyboard and animated Constraints.

Autodesk Showcase for Architecture

Showcase is an easy-to-use companion to Revit® Architecture and AutoCAD® software because it helps to provide architects, interior designers, principals, developers and city planners with the tools to visualise their designs in context. They can explore material alternatives and design options with the click of a button and create their own renderings and real-time presentations to convey design intent at any stage of the project.



Key Features

ENHANCED Interactive Raytracing

With RapidRT raytracing functionality, users can now switch between a GPU-powered viewport and full raytracing on the fly, without the need to change materials, lighting or environments. The RapidRT raytracing engine renders the scene progressively, directly in the viewport. With Showcase 2012, RapidRT raytracing has been accelerated by up to 10x.

ENHANCED Interoperability

Autodesk Showcase 2012 supports Autodesk Materials, which are now imported from AutoCAD, Autodesk Inventor, Revit Architecture and 3ds Max® Design automatically. In addition, the interoperability with Autodesk® Maya® and 3ds Max Design through the Autodesk® FBX® data exchange tool has been improved and now includes support for cameras. Showcase imports more than 15 third-party CAD file formats*.

NEW Import Templates

Save time when working with Inventor software data. You can now create a Showcase scene from an Inventor file automatically, complete with Materials, Shots, Alternatives, Storyboard and animated Constraints.



Image courtesy of Jean-Marc Benoit

Autodesk Ltd.
1 Meadow Gate Avenue
Farnborough Business Park
Farnborough
Hampshire GU14 6FG
United Kingdom

www.autodesk.co.uk

www.bsa.org



Autodesk®



Easy-to-Use Camera and Animation

Add narrative to your design with cinematic camera motion and animation features. The Orbit shot allows you to move the camera 360 degrees around a centre of interest, while keyframe animation techniques and triggers add greater interactivity to your presentations. Import 3ds Max and Maya camera animations directly into Showcase shots via the Autodesk FBX data exchange tool.

Storyboard and Movie Creation

Storyboard enables you to orchestrate the story of your design in a familiar, slide-based metaphor. The Storyboard slides can be played back in sequence or one at a time. You can also share work with colleagues or customers who do not use Showcase by exporting slides more quickly and easily as movies or rendering Showcase scenes to interactive Adobe® Flash® files.

NEW Automatic Real-time Shadows

Create highly realistic imagery by simulating ambient shadows automatically for polygonal objects and adding real-time, geometry-casted shadows.

NEW Non-photorealistic Effects and Styles

Create a variety of non-photorealistic (NPR) effects that help to simulate artistic styles created by hand. The Styles user interface aggregates all rendering styles in one view, making it quicker and easier to explore options.

NEW Smart Navigation

Use Autodesk® SteeringWheels® to walk naturally around architectural scenes. Navigate up or down stairs or remain on the ground level; avoid walls and other obstacles. Showcase now supports 3Dconnexion input devices for total motion control.

NEW Quick Start Wizards

Users who are new to Showcase can now be productive almost immediately. The new Quick Start wizards guide users through common workflows in two to six steps, helping them to accelerate time to completion and reach a successful finish every time.



Image courtesy of Alstom Transport

NEW Language Packs

Showcase now ships in English, French, German and Japanese.

Autodesk Showcase Product Family

Autodesk Showcase 2012 Viewer

Autodesk® Showcase® 2012 Viewer software is a free** application that enables anyone to view and navigate Showcase scenes. Autodesk Showcase 2012 Viewer is particularly useful when sharing your designs with customers. The free viewer can be downloaded from www.autodesk.com/showcase-viewer.

Autodesk Showcase 2012

A free** 30-day trial of the standard version of Showcase 2012 can be downloaded from www.autodesk.co.uk/showcase-trial.

Autodesk Showcase Professional 2012

Autodesk® Showcase® Professional 2012 software is designed for specialised display environments involving multiple-screen displays, high-speed raytracing clusters, stereoscopy and remote session sharing. Autodesk Consulting can help to design and implement the right Showcase Professional software solution for your specific needs. To learn more about Autodesk Consulting, visit www.autodesk.co.uk/consulting.

www.autodesk.co.uk/showcase



Image courtesy of Hyphen Design

* CATIA® products, SolidWorks® solutions, JT, UGNX, Creo Elements/Pro (formerly Pro/ENGINEER), IGES, STEP-File, COSMO, Granite, STL and Open Inventor™ toolkit.

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