

EasySite Rhino

The latest site modeling offer from Cad Easy Corporation

With EasySite you can make 3-D site models in record time.

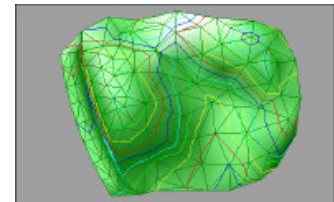
- A modeling tool specifically for Architects, Landscapers, Designers, Contractors, Builders, Planners, Civil Engineers, Surveyors, anyone wishing to create and render a 3D-site model.
- EasySite liberates your creativity, allowing you to play with the terrain, test alternative designs, and create rendered presentations in minutes.



With EasySite you can make, accurate to a fraction of an inch, true-life 3-D models of sites in any size from a residential lot to a small county. This simple to use application will allow you to model a site from data as diverse as a scanned map, survey data to 2D labeled contour lines. Model complex roads and bridges complete with sidewalks, curbs and grass strips. Draw a line to model a driveway that automatically connects to the garage pad and cuts the apron to the street. Insert landscape features; insert houses, common objects, even people. All without having to know anything about 3-D modeling or even 3-D CAD.

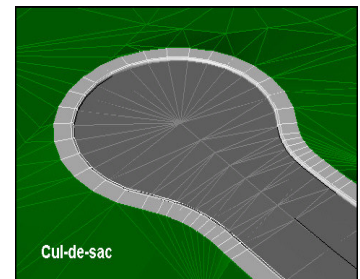
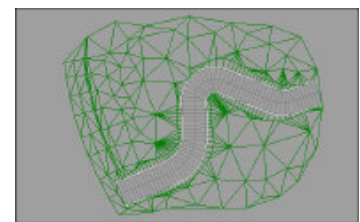
Notation in **red** are in present release. Notation in **blue** planned to be in next update. Purchases made now will include all updates as they are available through 12/31/2004.

Inputs Accepted from... **Point files from surveys, Digitizing, Scanning, USGS DEM or SDTS files, 2D/3D contours, freeform manual input.**

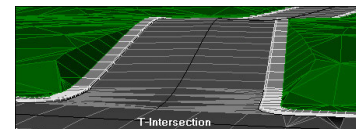
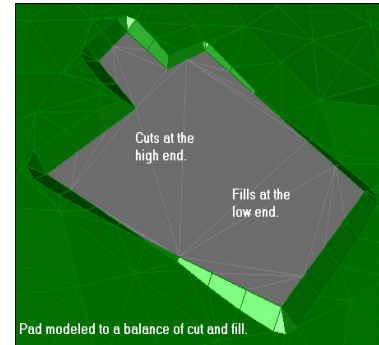


Surface Modeling Features:

- **Roads, including curbs, sidewalks, median strips**, ramps, **bridging**, etc., (auto-match to existing intersections or other roads.)
- Width of road along length can be easily controlled with a series of pick points.
- **Automatic transition between dissimilar roads drives and walks.**
- **Repair or edit modeled roads (Can be accomplished with editing tools.)**
- Super-elevated curves.
- **Driveways and sidewalks** (auto-match to existing garage, streets, or sidewalks).
- **Cul-de-sacs**, parametric and **custom** (auto-match to roads), **slope in any direction relative to attached road.**



- Pads (any shape, flat, sloped, raised, sunk, etc.)
- Bridges and overpasses (auto-match to roads, sidewalks. With a simple template, consisting of some 2D polylines on appropriate layers and a few simple blocks, you can model a bridge or overpass that includes pavement, center and edge striping, curbs, sidewalks, concrete infrastructure, pillars, railings, and railing-supports.
- A guardrail, railroad rails and ties, curb-median-and-sidewalk, a variety of fences (picket, post-and-pole, post-and-plank, wrought-iron, etc.) can be selected from a menu to “extrude” along a selected 3D polyline.
- Islands, streets and parking lots, are modeled in two steps.
- Stripes are generated automatically from a selection set of lines or polylines. Multiple stripe lines, double, triple etc..
- Pavement markings are generated in two steps.
- Patios, or any extension, can be modeled with three picks.
- ADA ramps (or driveway aprons), You can control the ramp width, the flare angle of the apron, where the ramp begins and where it ends.
- Freeform (any and all of above, anchored, offset, and/or sloped).
- Grading (smooth, sloped, hills, valleys, etc.).
- Drape 3d lines and objects onto the surface.
- Generate 3d objects along a draped polyline using a template.
- Divide selected faces to a more uniform size.
- Fill a hole with faces automatically.
- Generate an enclosed or open water surface at a selected elevation.
- Convert a surface or surfaces of 3d-faces to a polyface mesh.
- Repair holes in your surface with a single pick.



Surface Editing Tools

- Adjust, vertically, a single point common to any number of faces.
- Adjust selected vertexes to a plane.
- Stitch two surfaces together.
- Cut faces exactly along a line.
- Cut faces exactly using a polygon shape (erase or move interior faces to a layer).
- Draw 3d-faces with a single pick.

3D Lines and Points

- Convert lines to polylines.
- Join polylines together.
- Convert 2D contours into 3D contours.
- Enter 3D points manually.
- Remove 0-length lines.
- Automatically make a set of points from a set of 3D contours.
- Use breaklines to control 3d-face generation.
- Make a TIN of Delauney triangles from a set of points.
- Reverse the direction of the normal of a selection set of 3dfaces.
- Swap the shared diagonal between two faces.

Modeling Aids

- Make a TIN of Delauney triangles from a set of points.
- Make a set of contour lines as lines or polylines.
- Make a single contour line at any elevation.
- Convert 3d-lines to a TIN.
- Check elevation along any object.
- Check the slope between two points

Check out the [Mini-Tutorials](#) on the website for more detail on how the features of EasySite Rhino work.

Order a copy at 800-627-3279 or www.cadeasy.com

Cad Easy Corporation
5187 SE Drake Road
Hillsboro, OR 97123
800-627-3279
Sales@cadeasy.com

Ph: (503) 681-2553
Fx: (866) 323-6090
support@cadeasy.com

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