



# Altia User Interface Development Software: Advanced 3D

You don't need to be a 3D expert to make high-impact changes to your models. With Altia Design 12, Altia users get ultimate power to update 3D content and create sophisticated animations — and the changes they make to their model are exactly what will show up on hardware.



Here is what you will find with Altia Advanced 3D...

## Easy Import of FBX files

- Load 3D assets into Altia 3D Scene – mesh, camera, light nodes, material attributes and textures
- Exact same hierarchy and animations from 3D tool are identical in the Altia Navigator
- Supports any 3D tool

## Seamless 2D/3D Editing Interface

- Easy-to-use user interface
- Edit 3D right alongside your regular Altia content
- Altia Design only shows 3D menus when you need them

## Incredible Control of 3D Content

- Control 3D content directly in Altia – no need to go back to 3D tool to make changes
- Every part of 3D model is available in Altia
- Easily tweak 3D content to exactly match artist's intent on hardware
- Dynamic changes can be made at runtime

## Tiny Memory Footprint

- No OS or file system required
- Only code for required features is generated
- Content is stored once and can be indexed again and again
- Uses significantly less RAM – which means lower BOM cost
- Unique code architecture makes 3D possible for lower end hardware

## New Materials Library and User-Definable Shaders

- Customizable materials optimized and tested for embedded applications
- Includes common materials like paint, glass, leather, rubber and more
- Complete shaders are provided
- Shaders are infinitely customizable – and no GLSL coding required
- Full access to view, edit or replace shader source code

Altia continues its commitment to developing DeepScreen targets under ASPICE and ISO 26262 standards and processes necessary to deliver safety-critical user embedded displays. Code generation for Altia Advanced 3D is available for Windows and targets supporting OpenGL ES 2.0.

For more information about code generation targets for Altia Advanced 3D, email [info@altia.com](mailto:info@altia.com).

[www.altia.com](http://www.altia.com)