NGRAIN EXPORT CONVERTER FOR OKINO POLYTRANS

Comprising award-winning commercial-off-the-shelf software and customer-oriented services, NGRAIN's solution for maintenance training empowers basic Microsoft® Office users to rapidly produce, integrate, and deploy interactive 3D maintenance training aids to personnel anytime, anywhere.

The NGRAIN Export Converter for Okino PolyTrans® enables users with existing 3D content – such as Computer-Aided Design files and models created with popular Digital Content Creation packages – to quickly convert 3D data files to the compressed, secure, and interactive NGRAIN format.

PRODUCT FEATURES

RAPID CONVERSION

- Convert 3D files to the compressed, secure, and interactive NGRAIN format
- Convert single files or batches of files
- Merge multiple parts and components into one NGRAIN file
- Specify conversion settings, including target model dimensions and visual quality
- Export to NGRAIN 3KO or NGW file formats
- Export directly from 3D Studio Max to NGRAIN format with the PolyTrans-for-MAX plug-in

NUMEROUS FILE FORMATS SUPPORTED

The following CAD and DCC file formats are supported in PolyTrans and PolyTrans plug-ins.

PolyTrans for Windows

- 3D Studio - .3ds
- 3D Studio MAX - .max
- LightWave - .lws, .lwo
- Rhino/openNURBS - .3dm

- Wavefront OBJ - .obj
- VRML - .wrl
- XGL - .xgl, .zgl

CAD/Pack

- AutoCAD - .dwg, .dxf
- AutoDesk Inventor - .iam, .ipt
- SolidWorks - .sldasm, .sldprt
- SolidEdge - .asm, .prt
- IGES - .iges, .igs

Granite/Pack

- PTC Pro/Engineer - .asm, .prt, .neu
- PTC IGES (solids) - .igs, .iges
- STEP - .ste, .stp, .step
- Parasolid - .xmt
- VDA-FS - .vda, .vdafs

DCC/Pack

- SoftImage - .hrc, .dsc, .xsi
- Maya - .ma, .mb
- OpenFlight - .flt

Spatial CATIA v4 Importer

- CATIA v4 - .model

Spatial CATIA v5 Importer

- CATIA v5 - .catPart, .catProduct

COMPLETE DATA CONVERSION

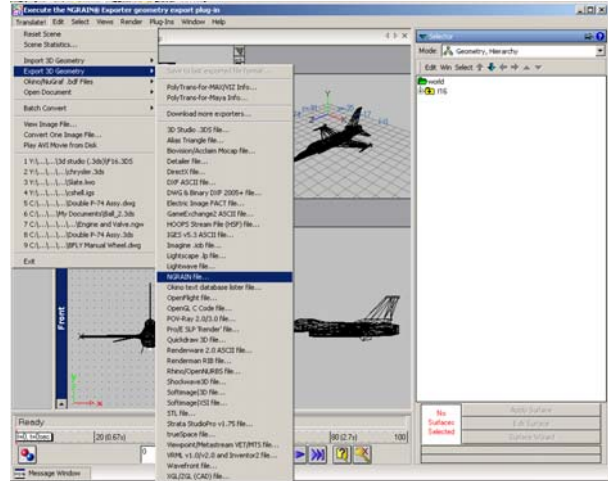The conversion process translates the following data into the NGRAIN format:

- Geometry (polygons or NURBS)
- Colors and normals
- Hierarchy and parts names
- Materials and textures
- Position, orientation and scale

BUILT-IN SUPPORT

- Watch informative tutorials
- Access Help documentation

SYSTEM REQUIREMENTS

- Memory : 256 MB RAM
- Processor: 700 MHz Intel® Pentium® III
- Operating System: Microsoft® Windows® 2000 Professional or Microsoft Windows XP Professional
- Display: 1024x768 screen area; 16 or 32 bit color depth

Quickly convert 3D files to the interactive NGRAIN file format