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**Okino Computer Graphics, Inc.**

# Press Release

## **DATAKIT (Lyon, France) Ships CATIA® v4 Importer Plug-In for Okino Computer Graphics' PolyTrans & NuGraf Software Packages**

**New Importer Provides Direct Access to CATIA v4 CAD Data Without Any Need for a CATIA License**

Toronto, Ontario – February 14<sup>th</sup> 2003 -- DATAKIT, a company focused on computer-aided design (CAD) development and CAD/CAM data transfer services, and Okino Computer Graphics, a leader in high quality CAD to non-CAD re-purposing data translation software, announced the immediate availability of a native CATIA v4 importer plug-in for Okino's full line of 3D software packages.

The new plug-in module allows native CATIA v4 CAD data to be imported into Okino's PolyTrans, NuGraf, PolyTrans-for-Maya and PolyTrans-for-3DSMAX software packages, or re-exported in a clean and concise manner to many animation, DCC and VisSim file formats, such as to Lightwave, Softimage|3D, Softimage|XSI, Cinema-4D (by way of Lightwave format), DirectX, DXF, Electric Image FACT, HOOPS HSF, OpenGL C Code, OpenFlight, Pro/Engineer, QuickDraw-3D, Renderman RIB, Shockwave-3D, STL, trueSpace, Viewpoint VET, VRML1/2, Wavefront OBJ and others (as listed at <http://www.okino.com/conv/filefmt.htm>).

"Support for native CATIA data has always been often requested by Okino customers," said **Robert Lansdale, President & CEO of Okino Computer Graphics, Inc.** "I am pleased that DATAKIT has selected Okino as one of our newest plug-in developers and for providing a tight integration between their well developed CATIA import converter and our core CAD system inside PolyTrans and NuGraf. This now allows our customers to import native CATIA files without having to do any special exports from a running copy of the Dassault Systemes' CATIA software itself. Our customers thus have the option of direct import from native CATIA data via the DATAKIT importer, or importing via the Okino IGES import converter which I have been personally developing over the last decade. In addition, once the CATIA data has been imported it can be rapidly processed using my CAD-to-non-CAD part count and hierarchy optimization system which makes all the difference between being able and not being able to import huge assemblies into animation packages such as Maya, 3ds max, Lightwave, Cinema-4D and Softimage|3D,|XSI".

## About CATIA

CATIA is Dassault Systemes' 3D PLM solution for digital product definition and simulation. Complete information about this CAD modeling system can be found on its home page at <http://www.catia.com>. The DATAKIT translator allows BREP CAD modeling data to be converted from native CATIA files to the format required of the Okino core database system.

CATIA files can have the following file extensions : .model .dlv .exp. The .model files are generally used for single part files while .dlv and .exp files are used for multipart creation.

## Features of the DATAKIT Importer

The DATAKIT importer can translate the following CATIA entities:

- Solids (also Mock-up Solids)
- Volumes
- Faces
- Curves:
  - Lines
  - Circles
  - Hyperbolas / Parabolas / Ellipses
  - NURBS Curves
- Surfaces:
  - Planes
  - Parametric Surfaces
  - NURBS Surfaces
- Skins
- Dittos (Components used for assemblies)

All these entities are translated into NURBS curves and NURBS surfaces as native entities within the Okino core geometry database. This importer can also translate multipart files and can convert hidden entities. It respects CATIA name entities and colours. Lastly, the converter can manage the Layer Filters, which are used to select groups of entities.

## Applicable WEB pages

The following are pertinent pages on the Okino WEB site relating to this press release:

<a href="http://www.datakit.com">http://www.datakit.com</a>	= DATAKIT home page and demo plug-in installation
<a href="http://www.catia.com">http://www.catia.com</a>	= Home page for the CATIA product line
<a href="http://www.okino.com/conv/conv.htm">http://www.okino.com/conv/conv.htm</a>	= PolyTrans home page
<a href="http://www.okino.com/nrs/nrs.htm">http://www.okino.com/nrs/nrs.htm</a>	= NuGraf home page
<a href="http://www.okino.com/conv/filefmt.htm">http://www.okino.com/conv/filefmt.htm</a>	= Supported file formats
<a href="http://www.okino.com/casestudies.htm">http://www.okino.com/casestudies.htm</a>	= CAD case studies from Okino customers
<a href="http://www.okino.com/testimon.htm">http://www.okino.com/testimon.htm</a>	= Customer testimonials
<a href="http://www.okino.com/press/releases.htm">http://www.okino.com/press/releases.htm</a>	= Other recent Okino press releases

## Plug-In Module Available Through DATAKIT

The CATIA v4 importer is available for demonstration download and purchase directly from DATAKIT, Lyon France. <http://www.datakit.com>.

## **Product Pricing**

For pricing please contact DATAKIT at 'sales@datakit.com' or visit their WEB site at <http://www.datakit.com>.

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## **About Okino Computer Graphics**

Founded in 1991, with development starting in 1988, and based in Toronto, Ontario, Okino Computer Graphics, Inc. is an industry leader in the development and deployment of 3D model/scenes/NURBS/animation translation technology (PolyTrans), 3D photo-realistic rendering software (NuGraf) and OEM developer software (NuGraf Toolkit). Okino software is used the world over by all major Fortune 1000 companies, production studios, and 3D content creation, game development, CAD, engineering and product design companies. For more information on Okino Computer Graphics, please call 905-672-9328 or visit Okino Computer Graphics' Internet WEB site at <http://www.okino.com>.

## **About Datakit**

DATAKIT of Lyon France specializes in CAD software development, and CAD/CAM data transfer services. The company is focused on data integrity and the highest quality service.

## **Documents Available Electronically**

**Attention editors.** This document, as well as screen snapshots and related documents for the Press (in PDF and HTML formats) can be obtained electronically by visiting <http://www.okino.com/press/magpics.htm>

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