

Octaga Player 3.0 Copyright © 2010 by Octaga AS.

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WELCOME

Octaga AS would like to thank you for using the Octaga Player, the best X3D / VRML browser on earth. We at Octaga aim at offering users the best 3D experience possible, and we are constantly working hard to make the family of Octaga 3D products even better.

For a quick introduction to Octaga Player and the other Octaga products, please see our web page:
<http://www.octaga.com/>

SYSTEM REQUIREMENTS

Recommended configuration:

- Windows Vista/XP operating system
- Pentium class system – 1 GHz or better
- 256 MB of system RAM
- 3D accelerated graphics card with minimum 32 MB of RAM
- Minimum 50 MB of free disk space

STARTING OCTAGA PLAYER FOR THE FIRST TIME

In order to start Octaga Player, select the Octaga Player icon from the Start menu.

For sample content to play, visit or on-line sample site:

<http://www.octaga.com/freedownloads/OctagaPlayer/3.0/demos.php>

LIMITATION OF THE UNREGISTERED VERSION OF OCTAGA PLAYER

Upon initial installation the Octaga Player is unregistered. In this mode the player has the following limitations:

- The unregistered version is for non-commercial usage only
- An Octaga logo is shown in the lower right corner of the application at all times
- The registration dialog box pops up on starting the standalone player
- Export functionality is blocked
- Rendering Modes cannot be changed
- Viewpoint recording and exporting is blocked
- Statistics display is blocked
- Screenshot and video recording functionality is blocked.

REGISTERING OCTAGA PLAYER

To remove the limitations of the unregistered player you need to register.

1. In order to register the player you need to buy a valid license. You can do this by pressing the “Buy now” button on the dialog box that pops up when starting the player. This will take you to a web page where you can buy your license online. You will receive a registration key by email.
2. Copy the registration key into the registration dialog box and press “Register Now”.

X3D SUPPORT:

Supported Profiles:

Core	Immersive
Interactive	Interchange
MPEG-4 Interactive	

Supported Components:

CAD Geometry	Core
Cube Map Environmental Texturing	Environmental Effects
Environmental Sensor	Event utilities
Followers	Geometry2D
Geometry3D	Geospatial
Grouping	H-Anim
Interpolation	Key Sensor
Layering (Partial support)	Layout (Partial support)
Lighting	Navigation
Networking	NURBS (Partial support)
Particle System	Pointing Device
Programmable Shaders	Rendering
Rigid Body Physics	Scripting
Shape	Sound
Text	Texturing
Texturing3D	Time

VRML SUPPORT:

Full VRML 97 Compliance

SCRIPT SUPPORT:

Octaga Player has an extensive support for ecmascript, javascript and vrmlscript

SUPPORTED MEDIA FORMATS:

Images:

BMP, DDS, GIF, JPEG, JPEG2000, PNG, TGA

Video:

AVI (using any installed video codec), MPEG1, MPEG2, WMV, ASF

Audio:

AIFF, AU, MIDI, MP3, RMI, SND, WAV, WMA, ASF

MULTIMEDIA SUPPORT:

Octaga Player can display any file of the supported file formats (audio, video and images) directly.

EXTENDED FEATURES:

Octaga Player supports node and script extensions to X3D and VRML for advanced features that extend the current X3D specification. Please see the developer pages of our web site for more information.

KNOWN ISSUES:

- **Display problems.**

Display problems have been experienced on some hardware. You should try updating your graphics drivers to the latest version and/or disabling all optimization features if experiencing problems.

- **Performance degradation on Dual Core systems with nVidia.**

Performance degradation has been experienced on Dual Core systems with nVidia graphic cards. To avoid this issue:

1) Install the latest NVIDIA drivers from

<http://www.nvidia.com/content/drivers/drivers.asp>

2) Turn off OpenGL threading:

1. Open the NVIDIA Control Panel (New)
2. Select "3D Settings"
3. Select "Advanced View" from the toolbar
4. Select "Manage 3D settings" under "Appearance"
5. Set the value of "OpenGL threading" to "Off"

- **Java SAI does not work with Java "Next Generation" plugin.**

To avoid this issue:

- 1) Open the Java control panel
- 2) Select "Advanced"
- 3) Select "Java Plug-in"
- 4) Disable the next generation Java Plug-in

CONTACT INFORMATION

Web: <http://www.octaga.com>

Sales: sales@octaga.com

Support: support@octaga.com

Postal Address:

Octaga AS
Sandakervein 138
NO-0484 OSLO
NORWAY

Phone: +47 99 30 03 33

Fax: +47 23 00 91 28

Norwegian hours: 9:00 AM - 5:00 PM CET (GMT + 1)

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