# X3D: THE 3D REAL-TIME SOLUTION FOR THE WEB



http://www.web3d.org/casestudies/
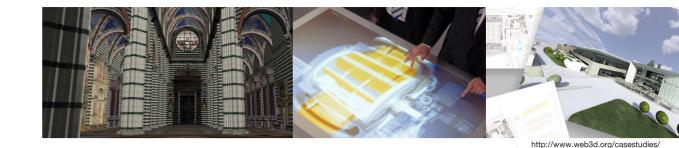
## Our Organization

The Web3D Consortium is a public and priate industry supported non-profit international standards organization committed to the creation and deployment of a royalty free, open standard for communicating real-time 3D graphics on the web.

Today the Consortium develops and deploys the ISO Certified Extensible 3D graphics (X3D) standard. X3D defines the file format and run-time architecture to represent and communicate 3D scenes and objects using XML. X3D applications are real-time, interactive, animated systems that can run stand-alone or in networked virtual environments.

The X3D specification is developed by the Consortium's Working Groups: A technical committee of experts that researches and proposes solutions within specific vertical markets.

The Consortium works closely with the W3C, OGC, DICOM and ISO. Web3D has cooperative agreements with these and other standards bodies to promote 3D solutions to  diverse industries.

## X3D Highlights

X3D is a step above OpenGL/DirectX in abstraction. With X3D one can output meaningful representations of their data without understanding low-level graphics. X3D's intention is to bring 3D graphics to a wider audience, one not necessarily trained in the art of 3D graphics programming.

## X3D Applications

The Web3D family of specifications provides a system for the storage, retrieval and playback of real time 3D graphics content embedded in applications, all within an open architecture to support a wide array of domains and user scenarios. X3D has a rich set of componentized features that can be tailored for use on several platforms in Engineering and Scientific Visualization, CAD and Architecture, Medical Visualization, Virtual Worlds, GeoSpatial, Training and Simulation, Education, Multimedia, Entertainment, Navigation and more.

## Why Join Us

Use of X3D is growing with content and applications in various sectors and across all hardware platforms. Join an innovative community of developers who see this standard as the future for real-time 3D graphics applications over networks. Join us in developing the X3D specification and gain early access to the standard while networking with leading Web3D technology experts.

To join, visit us at www.web3d.org.

## Partial Member List

| | |
|---|---|
| NASA | Naval Postgraduate School |
| MITRE | Virginia Tech University |
| NIST | Univ. of Southern Queensland |
| Sun Labs | University of Suwon |
| Schlumberger | Électricité de France |
| Bitmanagement | Planet 9 Studios |
| Fraunhofer IGD | KAIST - Korea |
| Octaga AS | Dream Axis |
| SenseGraphics | Yumetech |
| Vivaty | |

web|3D CONSORTIUM   X3D

# Membership Benefits

## Member Partnership

Directing, Organizational and Individual members are able to participate in the Working Groups to contribute towards the development of best practices and specifications for Web3D Consortium standards.

### ORGANIZATION
- Board Election Eligibility
- X3D Spec Voting Rights
- Early Access to X3D Spec
- Working-Group Participation
- Waiver to Adopter Fees
- Marketing Benefits

### ORGANIZATION - DIRECTING
All the above Organization Benefits plus:
- Board Membership
- Marketing Emphasis

### PROFESSIONAL / STUDENT
- Working Group Participation
- Early Access to X3D Spec

## Marketing benefits include:

- Product Exposure on Website
- Member Marketing Profile
- Outreach Source Media
- Joint Press Releases
- Trade Show Partnership
- Member Product Discounts

**Conformance Testing:** Must sign Adopter Agreement and pay Conformance Testing fee. Members: $2,000. Non-Members: $5,500.

## Web3D Working Groups

| | |
|---|---|
| X3D | ComputerAidedDesign (CAD) |
| X3D-Earth | Humanoid Animation |
| Medical | Marketing |
| User Interface | Web3D Chapter Groups |
| Networking | |

# Join the Web3D Consortium and become a part of this evolving 3D standard.

## Web3D Consortium Chapter Group

Join or start a Web3D Consortium Chapter Group interested in the advancement and use of Web3D-related technologies and applications in your local area. Information on Web3D Chapter Groups is available at:
http://web3d.org/about/chapters

## Membership Costs

| | |
|---|---:|
| Directing Organisation | $ 15,000 |
| Large Organization | $ 9,500 |
| Standard Organization | $ 3,500 |
| Academic Institution | $ 1,500 |
| Professional | $ 100 |
| Student | $ 50 |

**TO JOIN, VISIT US AT**
**www.web3d.org/membership/join**
**OR CALL**
**Executive Director, Anita Havele at +1 248 342 7662**

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**X3D OPEN STANDARDS FOR REAL-TIME 3D COMMUNICATION**
http://www.web3d.org

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