

ARSBOX Usage Scenarios

Enhance the usability and design of your products

The ARSBOX Solution

An ARSBOX permits the production of virtual worlds spanning up to 64 display walls simultaneously. To achieve active stereo effects, two computers equipped with NVIDIA graphic cards are used for each display wall.

In order to achieve active stereo effects two video projectors with polarized lens have to be used per display. The audience uses stereo glasses to get the immersive impression.



The above picture shows the design of a rolling mill using the ARSBOX environment. Users may navigate through this world and experience how the future rolling mill will look like

Who needs it?

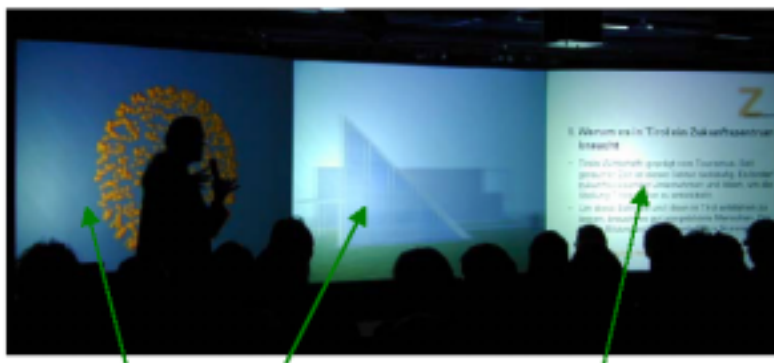
Virtually everyone who is in the business of developing and designing something complex and real; buildings, machine tools, cars, aircraft or components.

Present products to your customers

The ARSBOX Solution

The ARSBOX allows totally flexible use of the different display walls. As an example, for a product presentation to a customer use the system in the following configuration:

- One display wall is showing an active stereo display of your latest product – giving them the opportunity to explore it as a virtual world.
- You use the second display wall to show a video of the production facilities for your latest product.
- You use the third display wall to have a Powerpoint™ presentation for your new product.



Video playback, 3d-Environments (in stereo) and power point slides

Of course you can change this setting dynamically during your presentation, i.e., one might start with the product presentation using all three display walls and switch to the configuration as described above, later.

Depending on the available space, even a large audience (e.g. 1000 customers) may be informed and entertained with such a three screen installation. The ARSBOX allows you to use up to 64 display screens simultaneously.

Who needs it?

Companies with great products that want to display them to good advantage. Companies, that want to show their customers that their commitment to quality extends to their presentations and product development. Companies, that want to gain a competitive advantage by giving their customers the opportunity to explore their products and provide a forum to examine products in different ways.

Have great conferences

The ARSBOX Solution

The ARSBOX allows flexible use of the different display walls.

For keynote presentations you might use the centre display wall to display the Powerpoint™ slides and the right and left display wall to show the live-video of the presenter – which is really important for conference guests sitting in the rear of your conference hall.



Other presenters want to give a presentation of a software product simultaneously visible with his Powerpoint™ slides. No problem: Dynamically assign the Powerpoint™ presentation to the left display wall, the software presentation to the centre display wall and the live-video of the presenter to the right wall.

Who needs it?

Conference organizers and organizations running conference centers and locations.

Have stunning presentations in a museum

The ARSBOX Solution

The ARSBOX can present virtual worlds to visitors of museums.

An ARSBOX will produce a virtual world spanning up to 64 display screens simultaneously. In order to achieve active stereo effects two video projectors with polarized lens have to be used per display. The audience uses stereo glasses to get the immersive impression. The stereo glasses may show the logos of main sponsors of your museum.

In addition to traditional methods of imparting information to visitors such as interactive displays, worksheets or tape libraries, an ARSBOX can be used to show virtual worlds, complex machinery, chemical molecules, biological models or any other 3-d structure.



- Explore the architecture of buildings, bridges, city plans (the above picture shows the visualization of an ancient Greek temple as virtual world where visitors may walk through).
- Give visitors journeys through complex interiors of aircraft, rockets, industrial plants, volcanoes, submarines, undersea worlds.
- Impressively visualize nano-worlds.
- Display physical or chemical principles in action.

Depending on the space, even a large audience can view the installation. The ARSBOX allows you to use up to 64 display walls simultaneously.

Who needs it?

Every museum that strives for a better visitor experience, or wishes to improve the understandability of its exhibitions using modern visualization technology.

Further Information

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