



**Aximmetry**  
PERFECT YOUR SCENE

**NIVA**  
TECHNOLOGIES

## AXIMMETRY INTRODUCTION

Aximmetry has been providing end-to-end, **real-time 3D graphics and virtual studio solutions** for many years to a truly global clientele in the broadcast and entertainment industries [on a budget.](#)


Aximmetry's node-based editor can be molded to your specific project to give great flexibility in bringing it to life; be it broadcast production, virtual event, pre-visualization, LED based virtual production or any other 3D graphics task you can imagine. Aximmetry also has its own advanced chroma keying technology which is included in all our software licenses.

The Aximmetry product line consists of 3 different editions; **Studio, Professional and Broadcast.**

Please check our [website](#) for more detailed information on software features.



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## FEATURE HIGHLIGHTS

### RENDER ENGINES AND CONTENT CREATION

Aximmetry presents users with a unique opportunity by offering a choice between two powerful render engines seamlessly integrated within the same software: Aximmetry's proprietary engine and a tailored version of Unreal Engine, known as **Unreal Editor for Aximmetry**. This dual-engine capability enables users to harness the unparalleled world-building and rendering capabilities of Unreal Engine alongside the **advanced virtual studio features of Aximmetry**.

When deployed on a stage, the projected visuals can encompass real-time generated 2D or 3D imagery, empowering performers to dynamically interact with their surroundings. Additionally, Aximmetry facilitates the creation of customized, intuitive control interfaces tailored to the specific requirements of presentations and video installations.





Furthermore, Aximmetry boasts a **diverse portfolio of stock sets** designed for use with both Aximmetry's native engine and Unreal Engine. For further details regarding available sets and pricing, please check [here](#).







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## FEATURE HIGHLIGHTS

### ADVANCED BUILT-IN KEYER

Aximmetry achieves seamless integration of real and virtual environments with the interaction of virtual lights and real-world objects.

Even when using a moving camera and large green screens, the **award-winning Aximmetry keyer delivers perfect results** in keying transparent objects, fine details such as hair, as well as creating realistic contact shadows, seamlessly blending the virtual with those naturally cast by the talent.

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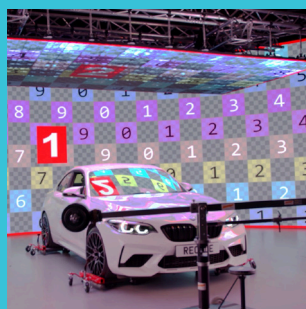
## FEATURE HIGHLIGHTS

### ADVANCED XR TECHNOLOGY

Our Aximmetry Broadcast editions offer cutting-edge mixed reality solutions. Using extended reality and in-camera VFX can free you from the burden of post-production costs and speed up your shoots. Using our advanced XR features with **LED walls** for virtual production enables you to be at the fore-front of innovation happening in the film industry today.

### MULTI-MACHINE FEATURE

All Aximmetry license editions can work in a synchronized workflow using a single control interface; all you need is a Broadcast edition as the control, and you are free to mix and match other licenses to serve as slave licenses in a Multi-machine feature. This gives you more power to handle a higher number of cameras or displays, and allows you to distribute hardware among multiple machines.





## OTHER HIGHLIGHTS

### INSTINCTIVE UI

Our users testify that Aximmetry UI is easy to use and instinctive. It is being developed specifically for broadcast keeping in mind the expectations of the industry.

### ACCESSIBILITY AND FREE SUPPORT OPTIONS

Aximmetry is an all-in-one software: clients do not have to purchase separate modules to get all the functionalities.

#### Free trial software of higher editions:

Clients can gain first-hand experience before making a purchase.

#### Aximmetry Knowledge Base:

All of our documents are available online, which you can use as guidance to help you along your journey with Aximmetry.

#### Aximmetry Forum:

Online platform serving as free support.

### COMPETITIVE PRICING

The price for the quality Aximmetry offers is the most competitive on the market today. Our open licensing policy, available [online](#), makes our software significantly more accessible than the competition.





## AXIMMETRY'S STORY

In 2009, the founders of Aximmetry dreamt of painting classical music with light. They planned to start with a piece by Bartók. The intention was to create symmetry between sound and visuals in a new art form, and soon the software “Aximmetry” was born.

Before long it became obvious for the creators that the same, modular, node-based graphics programming tool could be used in many real-time 3D projects, but the broadcast industry was the first in which Aximmetry acquired most of its users.

In 2017, Aximmetry sold its first license abroad in the United Kingdom. Today, Aximmetry has users on all continents with the exception of Antarctica.

In May 2020, with the integration of Unreal Engine into Aximmetry we reached out to a vast and truly global user base, and the number of Aximmetry user registrations tripled.

To this day, we are searching for the best ways to help people deliver harmony by visual expressions, on a computer, in an easy and accessible way.



## AXIMMETRY EYE

Aximmetry Eye, the groundbreaking **smartphone app** from the creators of Aximmetry can extend your PC into a dynamic content creation hub, eliminating the need for cumbersome equipment.

With Aximmetry Eye, you can:

- Stream Camera into Aximmetry
- Track talent, object or camera
- Preview real-time

Now, creating a green screen, AR, and XR projects is possible simply by using your mobile app together with Aximmetry Virtual Production Platform.



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