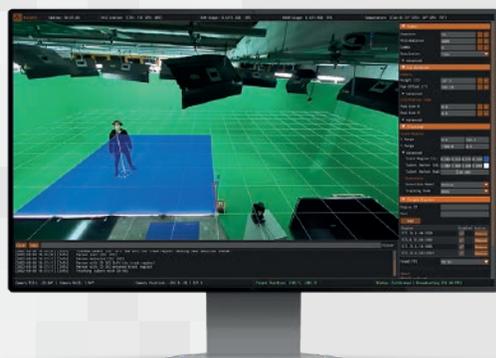


talentS

Redefine
Visual Fidelity
in Virtual Studios



AI-Powered Markerless Stereoscopic Talent Tracking System



No Wearables & No Markers

There is no need to wear beacons or other items to define the talent's position. The system automatically recognizes the talent in the defined area.

powered by



Broadcast Grade

Designed by live production experts, talentS works **24/7 continuously without any interruption**. There is no need to touch talentS unless the 3D region is redefined or talentS is moved to a new location.

talentS sends data through **industry-standard FreeD protocol** and integrates with Reality ecosystem & any other FreeD speaking platform. talentS can send the data at every frame rate required by the broadcasters or production crew from 24 to 59.94.



Power of AI & Machine Learning

With cutting-edge AI algorithms and the power of tensor cores of NVIDIA GPU, talentS extracts the talent's 3D location from the image with utmost precision. It sends the tracking data to **Reality Engine** to create **accurate reflections, refractions and the virtual shadows of the talent inside the 3D space**. This disruptive approach to talent tracking unlocks a new level of freedom inside the virtual space.

Hang It Anywhere

talentS is a **lightweight system** that can be installed on a truss or mounted on a tripod.

It comes with the necessary mounting kit and safety cables to assist in safe installation.



Futureproof

talentS is the first product of **Zero Density's** new brand TRAXIS, with which Zero Density addresses the challenges of tracking. Zero Density **places the talentS system at the heart of the innovation** and the future of live interactive production by **harnessing the power of AI and taking advantage of the advancements in GPU technology**.



Easy Setup & Calibration

talentS comes as **precalibrated and preinstalled**. Place the equipment on the desired spot, connect the cables, and turn on the power. It automatically starts to track the region it sees. You just need to measure the height of the stereoscopic camera and align the coordinates of talentS to the studio.

Now you are set to go.

Optional Optics

talentS comes with special optic filters that help **remove physical reflections that cause false detections**. You can easily mount it to the talentS camera when it is necessary.

NABSHOW
of the **PRODUCT**
the **YEAR 2022**
WINNER

