Talon Simulations is redefining the location based virtual reality industry by creating a seamless integration of hardware and software for truly immersive and dynamic commercial-grade simulations.
The **Atomic Arcade** is a top of the line motion simulator that combines powerful accelerations with high fidelity motion details to create **fully immersive** virtual reality experiences for users.

The **A-Series system** is designed from the ground up to convincingly simulate the real-world G-forces produced when accelerating, braking, and cornering. Its huge **27-degree per axis** movement range and an impressive **64 nanometers of torque** allow you to deliver a big simulator feel in a compact system.

The Atomic Arcade provides an **exhilarating** representation of what users see on screen without compromising performance or precision.
THE ATOMIC ARCADE AT A GLANCE

HIGH-FIDELITY MOTION DETAIL
Rapid acceleration response, speeds of up to 72 degrees per second, and 100 Hz of motion detail deliver a true-to-life ride experience.

EXTENSIVE ADJUSTABILITY
Nearly limitless tool-less adjustability ensures the perfect driving position to accommodate drivers between 4’5” and 6’7”. Its 100% reversible layout allows for switching between left and right-hand drive setups.

EASY TO OPERATE INTERFACE
Easily run multiple systems with one operator with the Atomic Arcade’s RELI/ENT operational software. Seamlessly swap between experiences on a highly responsive touchscreen.

UNRIValed GAME SUPPORT
Unleash exhilarating motion support with the included Unity, Unreal, and VC++ game plugins. With nine available game experiences – and more currently in development – you can exceed your guests’ expectations and keep them coming back.

ULTRA-COMPACT FORM
The A-Series simulator system weighs less than 110 lbs. and can be collapsed in seconds for easy storage and transportation.

BIG SIMULATOR EXPERIENCE
A 27-degree per axis movement range combined with powerful 64nm of torque delivers a big simulator feel.
A SEAMLESS LINK TO THE WORLD OF SIMULATION

Talon Simulations’ proprietary software, Actuate Motion, is a groundbreaking motion operating system with state-of-the-art internal tools that extract 1:1 physics data for a completely synchronized visual experience.

Customizable. A flexible SDK allows integration with games written in most common programming languages.

Future Proof. The open plugin architecture allows for quick implementation of new VR technology.

Intuitive. Intelligent defaults enable maximum customization of the ride experience to individual preferences.
ATOMIC ARCADE PACKAGE

INCLUDES:
- Atomic A3 Motion Simulator
- Actuate Motion Software and SDK
- Racing Style Seat
- A3 Cockpit Attachments
- Racing Controllers and Joystick
- HTC VIVE Pro VR Headset
- VR Ready PC
- 50 Inch Spectator Display and Stand
- Eye Catching Programmable LED Lights
- Touch Screen Operator Interface
- Commercial Software Licenses
- RELI/ENT Blue Technical Support

STARTING AT
$32,848
SOFTWARE EXPERIENCES

ASSETTO CORSA RACING SIMULATOR
Created in collaboration with some of the most prestigious car manufacturers, users can get behind the wheel of luxurious race cars and drive with pin-point accuracy.

NO LIMITS 2 ROLLER COASTER SIMULATOR
Choose from 27 different pre-installed roller coasters with different styles and intensities or create your own experiences.

CYBER GUNNER ARCADE SIMULATOR
An 80’s inspired arcade shooter that is easy, comfortable, and fun for first-time virtual reality users.

NEW CONTENT UPDATED CONTINUOUSLY
SUPPORT

INCLUDED SUPPORT

RELI/ENT BLUE SUPPORT
- Vive Advantage + Warranty on VR Hardware with Advanced Replacements
- 1 Year Warranty on Motion Simulator
- Standard Manufacturer Warranty on other Hardware Components
- Remote Access Technical Support – Standard Business Hours

UPGRADE TO RELI/ENT GOLD SUPPORT AND GET:
- Vive Advantage + Warranty on VR Hardware with Advanced Replacements
- Extended Warranty on Motion Simulator
- Extended Warranty on other Hardware Components
- Remote Access Technical Support – 24/7
- ONLY $253 per month
COST OF OPERATION

ROI IN SIX MONTHS
Reach a return on investment in just six months when you charge just $5 per ride.

LOW RUNNING COSTS
The Atomic Arcade delivers unprecedented performance with a typical power consumption of less than 150w. That's barely half that of most modern LED TV's, and a fraction of the requirement of even the next closest competitor system-- all without compromising performance.

REMOTE SUPPORT
With round the clock remote technical support, you can rest easy knowing we will maximize your uptime by accessing your computers from anywhere in the world.

ROBUST & RELIABLE
For more than seven years, the Atomic Arcade has proven to endure constant heavy use in commercial settings worldwide.
CLIENT PROJECTS