



We make challenging multi-channel displays more uniform, more accurate, more dependable, and better all-round.

- Fully custom optical blending solutions.
- Accurate data validation & display design modelling
- Optimised blend performance
- Compatibility with most projectors
- Fast design, manufacture and installation
- Application with simple single-level & complex multi-level arrays, domes & partial domes, front & rear projection, & collimated displays.



How often has multi-channel blending reduced the performance of your display?

How many times have you had to accept that the end result 'is as good as it can get'?

At GBvi, we make high performance optical blending and display technologies to help you overcome these compromises.

Optical blending is often not considered 'exciting' or 'high-tech' and is sometimes overlooked because of the challenges it presents. So we've developed solutions that make it easy to incorporate this important capability into your projected displays.

Chronos and Chronos Active are our primary optical blending solutions for multi-channel projected displays. We have extensive experience in display systems design and integration, and have invested heavily in developing design tools, algorithms and alignment processes to perfect the ultimate display blending technologies.

Applications:

- Out-the-Window Simulation & Training
- Theme Parks & Dark Rides
- Visitor Attractions
- Cultural Venues
- Digital Dome Theaters & Planetariums
- Multi-Channel Projection Systems

- **No longer inaccurate, inconsistent & difficult.**
- **No longer restricted by design & performance limitations.**
- **No more need for forced dual-mode optical + digital blending configurations.**
- **Maintain an even black level across multi-channel displays**
- **Absence of residual light distractions**

We have a strong and long standing heritage in the field of display systems design with a focus on the markets of simulation, entertainment and attractions.

Our range of technologies and services provide superior quality solutions and high-performance results for even the most challenging displays.

We specialise in display systems needing uniformity, clarity, invisible projection blend regions, true-to-life digital experiences, infinity displays, and ultra-black environments.

We are experts in optical blending & display technology innovation.

