Closing the Performance Gap: The Path to High Performance Displays

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NVIDIA Emerging Companies Summit
Company Overview

- Started in 2000 with funding from DARPA, DHS, and NSF
- VC funded in 2006.
- Patents: 14 awarded/licensed, 39 pending
- Revenue Stage
- 30+ Fortune 500 Customers
Pixels in parallel....
.....any size....
...any shape...
managed by Mersive software
Collaborative Visual Computing

“Trends in high performance computing and graphics form the impetus towards the need for pixel visual collaborative environments - engineering design, product visualization and command and control will be transformed by the widespread availability of large scale, high resolution displays”
Products

- **Sol Server**
  - *Measurement* and *Calculation* of an Alignment Solution
  - Geometry, Flat Field Uniformity, Color Balancing

- **Sol Harmony**
  - *Application* of alignment solution at 60Hz
  - Up to 10MegaPixels, Connects to industry standard display hardware

- **mSeries**
  - Utilizes Sol/Sol Harmony to deliver a complete seamless display solution
  - Reference design provided to system integrators and partners

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Consumer Packaged Goods
Product Visualization using Sol Harmony
Consumer Packaged Goods
Business Productivity with Sol Harmony
From Intellectual Property to the Market

Core Technology
- Geometry
- Blending and uniformity
- Color matching

Product Functionality
- Image Quality
- Display configuration
- Packaged solutions
- System integration
- APIs and extensible libraries

Usability
- Ease-of-use
- User interfaces
- System integration
- User experience
- New models of interaction

Markets
Market Evolution - Beyond HD

High-end (Single / Multi Projector) ~$800M Market

“Pixel Starved” Midrange

- Business command&control
- Finance Analytics
- Engineering Design
- Teleconferencing
- Scientific Visualization
- Entertainment

High-end seeds midrange (across business units and use models)

Multi-projector solution is now affordable

Less expensive multi-projector solution that achieves the same (or better) image quality

New applications emerge around business command and control

All Projectors ~$7B Market

- Addressable Markets
- Market Enablers
Thank You.

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