# INIOVOLUX RGB LED & A/V Technologies

"Beautifully Efficient Light, Sound & Video"

http://www.innovolux.com

PROCESSOR/SCALER - Design & Manufacture

Walls & Displays - Sales. Leasing & Rentals

Lighting - LED & Plasma Fixtures

CONSULTING - SOLUTIONS & A/V SYSTEMS INTEGRATION

Larry R. Martin, CEO, Managing Director 300 East 2nd Street, Suite 1405 Reno, NV 89501-1500 larry@innovolux.com

### 58 Products & Services 9 Being Marketed Now











**Head Worn Microphone** 

**Earbuds** 

**Hearing Aids** 

Plasma "Point-Source" Lighting

**LED Tubes** 







**Ultra Small HD Camera Lens** 



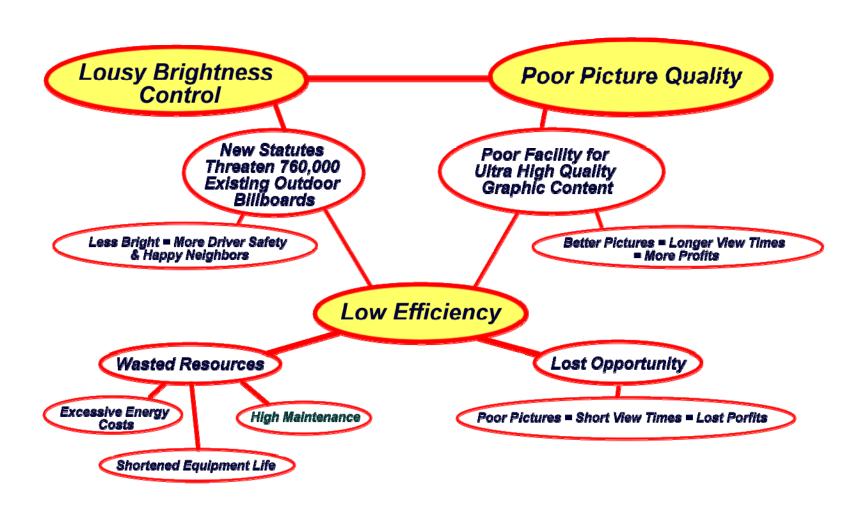
**Audio/Video Systems Integrations** 

## Our "Game Changer" Processor/Scalers



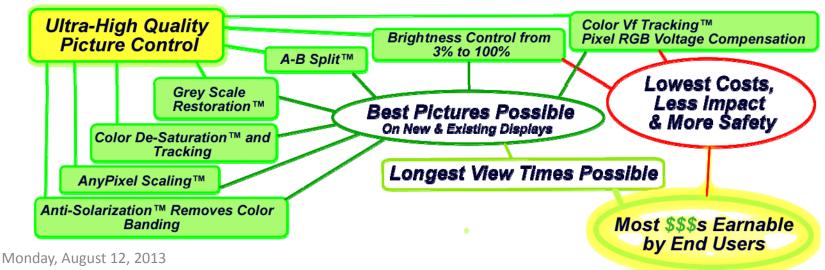
Vermeer Optimizer™ Vermeer Optimizer 1.0™

#### LED & Large Digital Display Problems



## nnovolux's *Vermeer Optimizer™*Processor/Scaler Solutions





#### **Team**

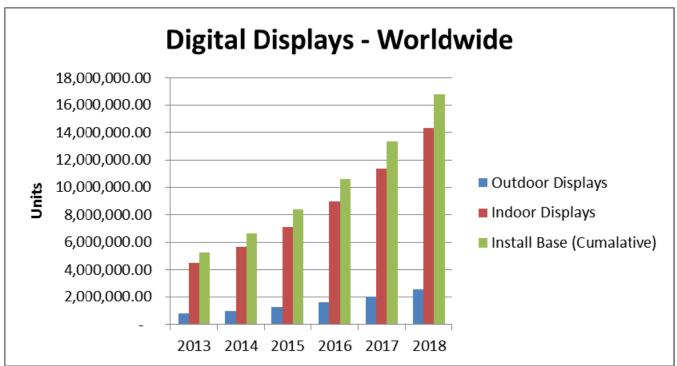
- Art Yeap Co-Founder, CTO
  - Hewlett-Packard Research Labs early LCD and LED Driver Research
  - SMPTE Study Group, HDTV Standards
  - iTV Corp Consumer Products
  - UC Berkeley Principal Development Engineer for Real-Time 3-D Video, Audio and Structured Lighting Defense Research Program
  - 10+ years new start-up, product development and manufacturing
  - 40 Years R&D, Engineering & Marketing for Silicon Valley Hi-Tech and Start-ups
- Robert Herenden, Engineer
  - LED lighting R&D HP Labs
  - RGB LEDs exclusively for signage
- Larry R. Martin Co-Founder, Interim CEO, Managing Director
  - 44 years Technical Facilities Development & Construction
  - 10+ years New Start-up
  - Market Analysis
  - New Business Management & Development

### History

	Ds - U.S tertainn	-		o Venu	ies, Red	ording	& Bro	oadcas	st Des	sign, (	Const	ructio	n, and	/\A k	/ Syst	ems	Inte	gration			
Re	e <mark>d</mark> LEDs -	Monsa	anto																		
			LED lighting - HP Labs; HPTV Television Studio																		
			ADI Corporation - Test Instruments Manufacturing  EEA - Audio Consulting toReynold Johnson																		
			SEMPTE Study Group - Defining HDTV Standards																		
			NovoGroup - LED Displays & LED Video Products																		
			iTV Corporation - HDTV Decoder Box																		
							RGB LEDs Exclusively for Signage														
University of California - Prinicipal Development Engineer - Rea <mark>l Time 3-D Video, Audio &amp; Structure</mark> d Lighting Defense																					
															Ver	meer	Op	imize	r - Ma	anufac	tured
															Ver	meer	Opt	imize	1.0	- <mark>Des</mark> ig	ned
																	Inno	ovol ux	- Inco	orpora	ted
1968 1º	36 <sup>3</sup> 910 79	11,7912	7973 797°	1975	1918 198 <sup>1</sup>	7987	38° 795	P. 1880	2996	1999	2000	io, sa	2003	2004	2005	2006	1001	108 Ja	2010	2012	2012

#### The Market

- "There will be 22 million digital signs deployed globally by 2015."
  - Intel, November 2, 2012



- "(LED) consumption value will grow at an average annual rate of 27% to \$9.59 billion in the year 2019" Electronicast, April 15, 2013
- "Digital signage market will grow to \$8 billion in 2018, compared with \$2 billion in 2012" PRWEB, May 16, 2013

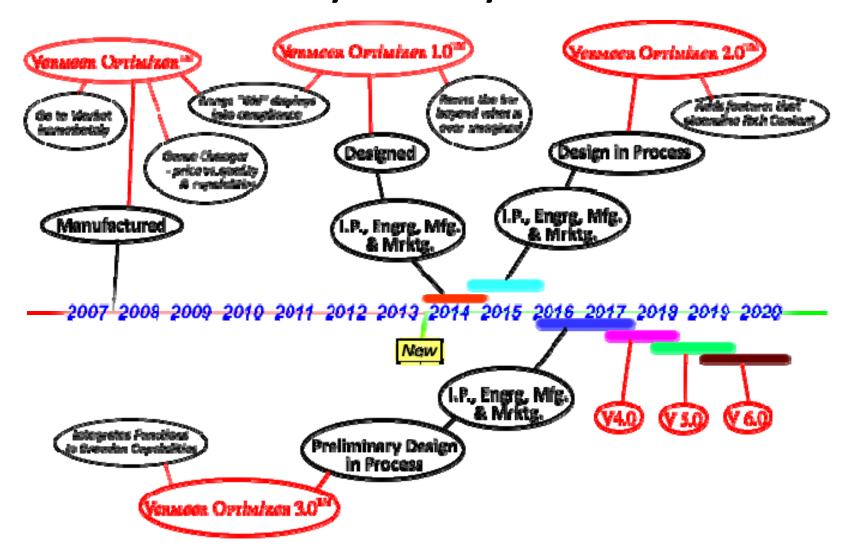
#### Competition

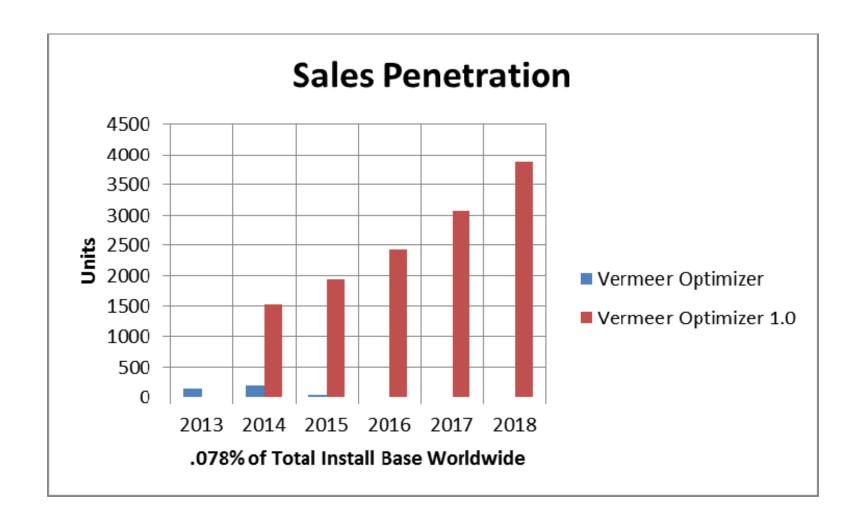
	Brightness Control	Grey Scale Restoration	Color De- Saturation	Color Vf Tracking	AnyPixel Scaling	A-B Split Comparison	Auto Ambient Control	Price
Innovolux Vermeer Optimizer 1.0	10-100%	Yes	Yes	Yes	Yes	Yes	Yes	\$ 4,000.00
Innovol ux Ver meer Optimizer (Proof of Concept)	10-100%	Yes	Yes	Yes	Yes	Yes	No	\$ 8,000.00
Barco	40-100%	No	No	No	No	No	No	\$63,000.00
Calibre PremierView HD-LED	50-100%	No	No	No	No	No	Yes	\$12,000.00
Kramer	60-100%	No	No	No	No	No	No	\$ 3,200.00
Analogue Way	No	No	No	No	No	No	No	\$ 3,500.00
TV One	60-100%	No	No	No	No	No	No	\$ 2,600.00
Double Star	No	No	No	No	No	No	No	\$ 1,800.00

#### nnovolux's answer...

- satisfies rising demand for a dedicated, Highly reliable, ultra-high image quality processor/scaler
- specifically addresses and corrects LED and large display video projection image idiosyncrasies
- the ultimate, low cost solution

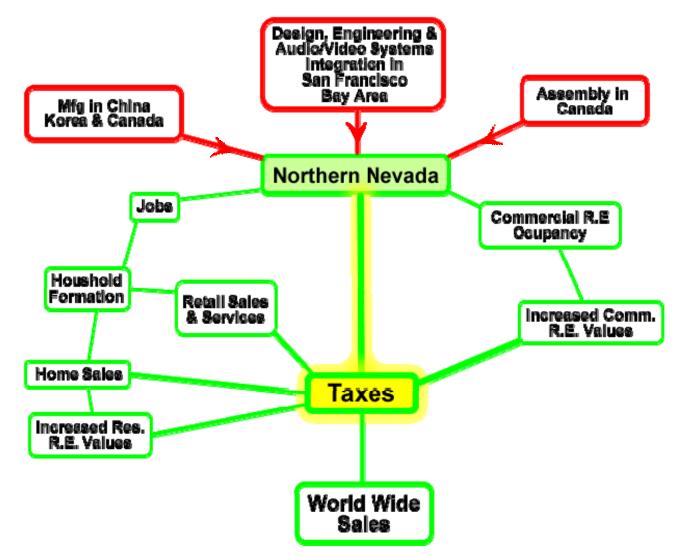
#### Today & Beyond





\$ 15.4 M in sales projected for the year 2018

#### Our Goals for Northern Nevada



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