

INTEVAC

***Goldman Sachs
Technology and Internet Conference
February 2009***

Jeff Andreson
Chief Financial Officer



Cautionary Disclaimer

During the course of this presentation, we will comment upon future events and may make projections about our future financial performance, including statements related to our expected sales, product shipments and acceptance, gross margin, operating expense, profit, cash flow and income tax expense. We will discuss our business strategy, our products, the markets our products address, our position in those markets, expected market acceptance of those products and production capacity. We wish to caution you that these are forward looking statements that are based upon our current expectations, and that actual results could differ materially as a result of various risks and uncertainties, including, without limitation, the following: inability to develop and deliver new products as planned; inability to accurately forecast the demand for our products and services; the possibility that orders in backlog may be cancelled, delayed or rescheduled; inability to achieve gross margin and expense goals and other risk factors discussed in documents filed by us with the Securities and Exchange Commission, including our Annual Report on Form 10-K and Quarterly Reports on Form 10-Q. We undertake no obligation to update the forward-looking statements made during this presentation.

Strong Foundation, Significant Future Growth



(Financial Data as of FYE 2008)

Solid Financial Foundation

- \$106M in Cash and Investments
- Tangible Book Value \$7.40 per Share
- No Debt
- Record of Cash Flow Generation and Margin Expansion
- Significant Cost Reductions Executed
- Cash Flow Break-Even at ~\$115M in Annual Revenues +/- 2%

Numerous Drivers for Future Growth

- Underlying Demand for Storage Remains Strong
- HDD Industry Continues to Invest in Technology
- Photonics Products Ramping
- Innovative Solutions for Semiconductor Manufacturing

Revenue Drivers 2009



HDD Equipment Business

- **Legacy Tool Conversions**
 - Required for Product Mix Shift Toward Mobile Applications
- **Investment in New Technologies**
 - Patterned Media: 200 Lean Etch and LithoPrime
 - Ongoing Media Evolution: Upgrades for Installed Base
- **Capacity Additions as Needed**
 - Shortest Lead Time in Industry

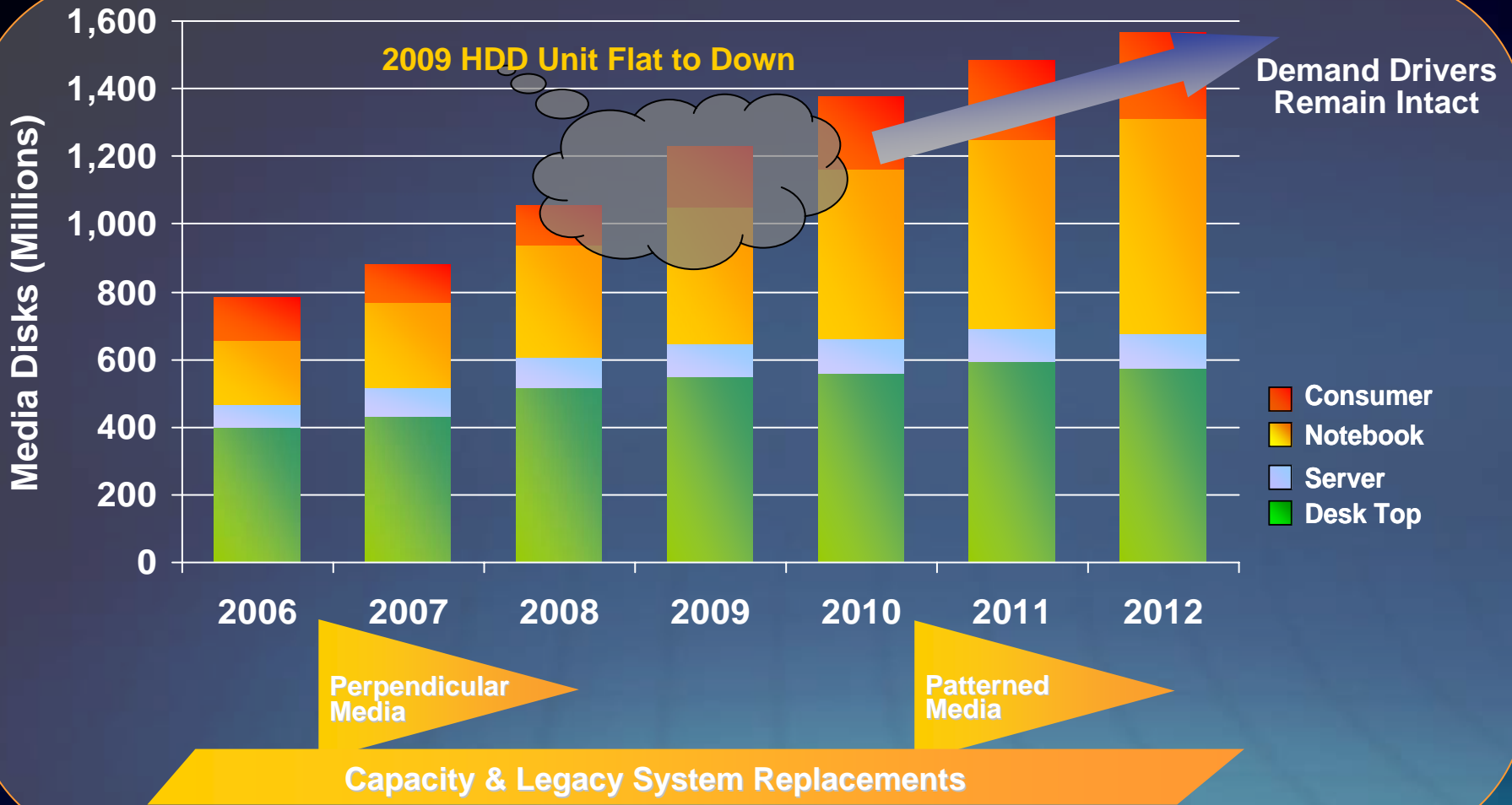
Intevac Photonics

- **Product Ramp**
 - Night Vision Systems
 - Low Light Cameras
 - Hand Held Material Identification Instruments
- **Solid Base of Contract R&D Revenues**

Media Growth and Technology Drivers



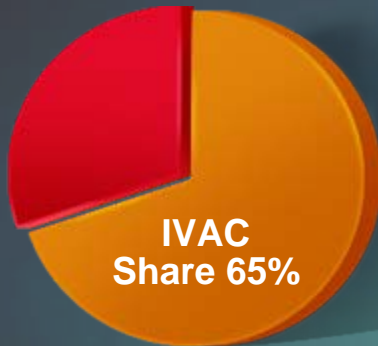
INTEVAC



Source: TrendFocus April 2008

**145 More 200 Lean Tools Required By 2012/13
+ Patterned Media Ultimately Doubles Market**

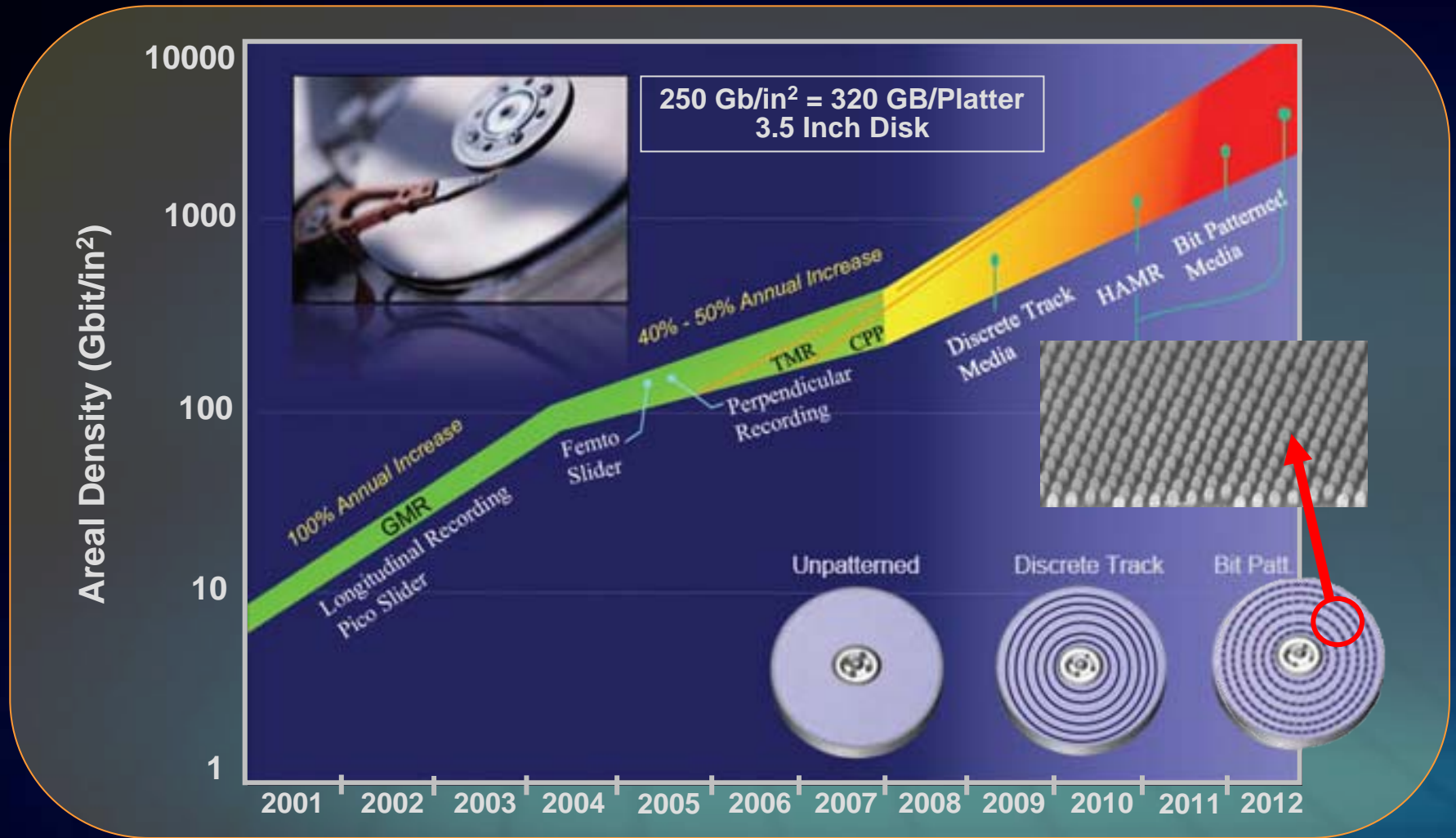
200 Lean Magnetic Media Manufacturing System



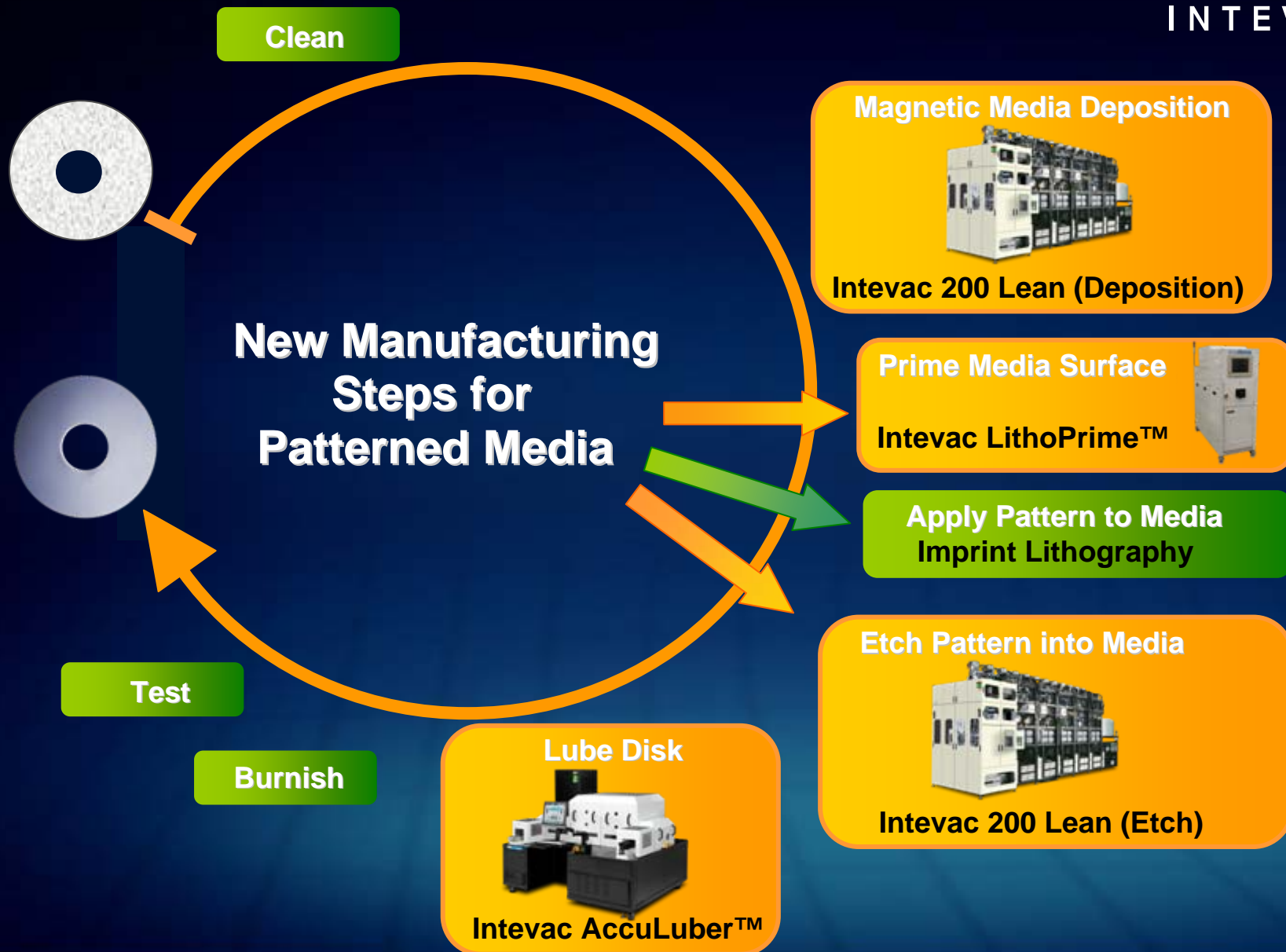
Market Leader

- **Leading System for Disk Production**
- **Highest Output Per Square Foot**
- **200 Lean Gen II Major Upgrade**
 - 25% Higher Output
 - Improved Performance Metrics
- **Extendable to Industry's Technology Roadmap**
 - HAMR
 - Patterned Media

Evolution of Media Technology



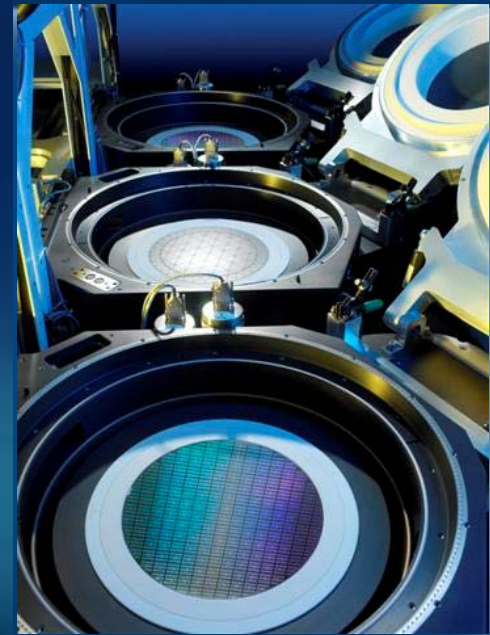
Patterned Media Manufacturing



Development of Lean Etch Complete

Enabling Technology, Double the Throughput

- Major Technology and Architecture Evolution for Semiconductor Etch Market
- Enabling Technology for Advanced <45nm Processes
- Addressing Need for Significant Productivity Improvements



Groundbreaking Alliance

- **Semiconductor Equipment Alliance with TES Co. Ltd.**
- **Korean Mandate to Source 40% of Equipment from Local Providers**
- **TES Co. Ltd. has Successfully Penetrated CVD Market with Major Korean Semiconductor Companies**
- **IP Royalty Model**
 - TES to Sell Etch (and CVD) in Korea and China
 - Intevac to Sell CVD (and Etch) to Rest of World
- **Accelerates Intevac CVD Product Offering**
- **First Lean Etch Shipped to TES Q4'08**

Intevac Photonics Business

Objective:

- **Global Leader in Digital-Optical Products**
 - Capture and Display of Low Light Images
 - Optical Analysis of Materials for Identification
- **Multi-Hundred Million Dollar Business with Gross Margin >50%**
- **Split ~ 50/50 Government/Commercial, US/International**



Served Market of Infra-Red Businesses

Light Wavelength (Micron)

0.4

0.9

1.7

3.0

5.0

8.0

14.0

Visible

Near Infra-Red

Medium Wave
Infra-Red

Long Wave Infra-Red

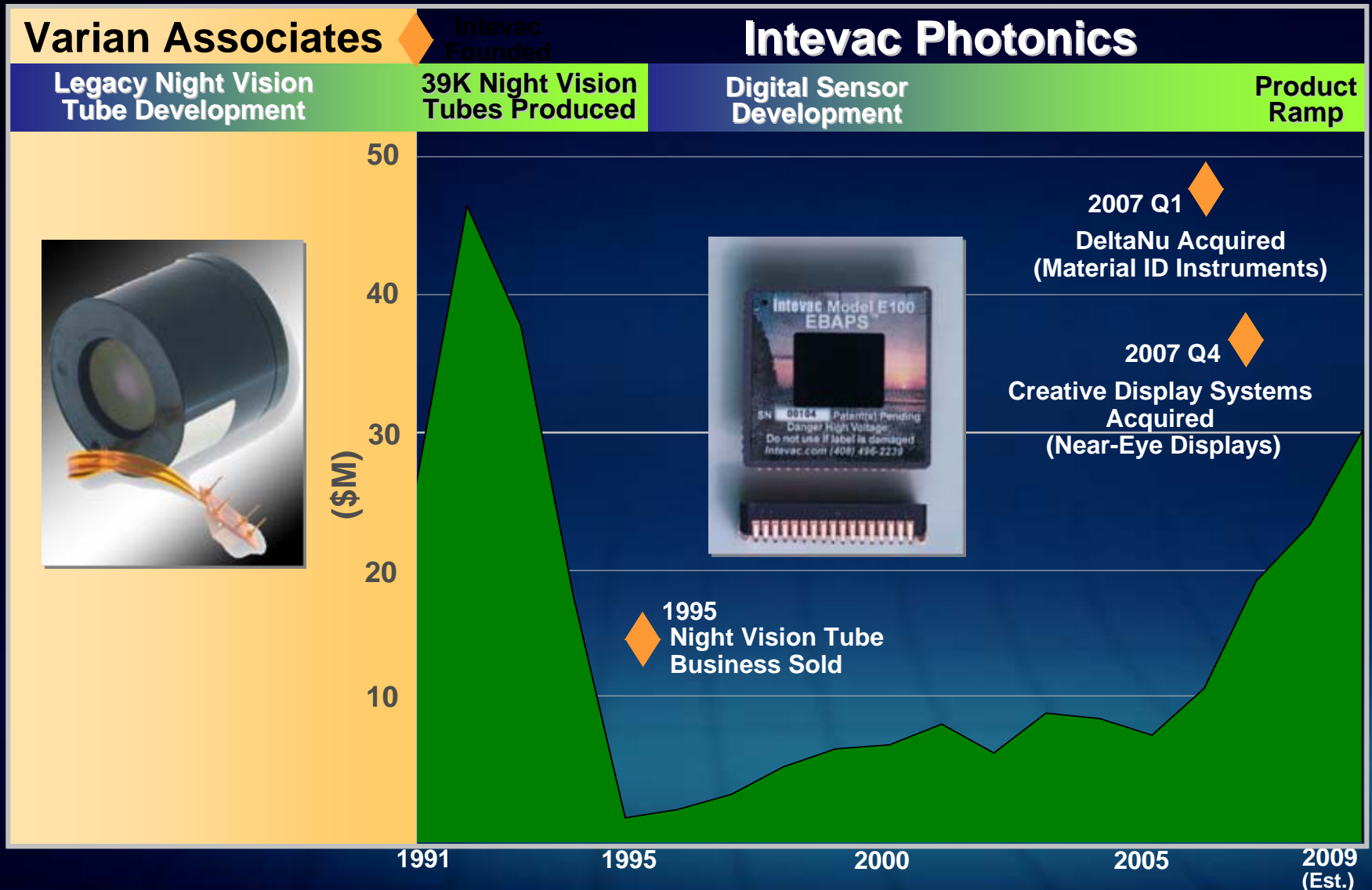
Reflected Light

- From "Dark" Heavens or Eye-Safe Illumination
- Produces Recognizable Image and/or Spectrum

Emitted Heat

- Requires Temperature Variations
- Produces Detectable Image
 - Cannot read alphanumeric
 - Cannot penetrate glass

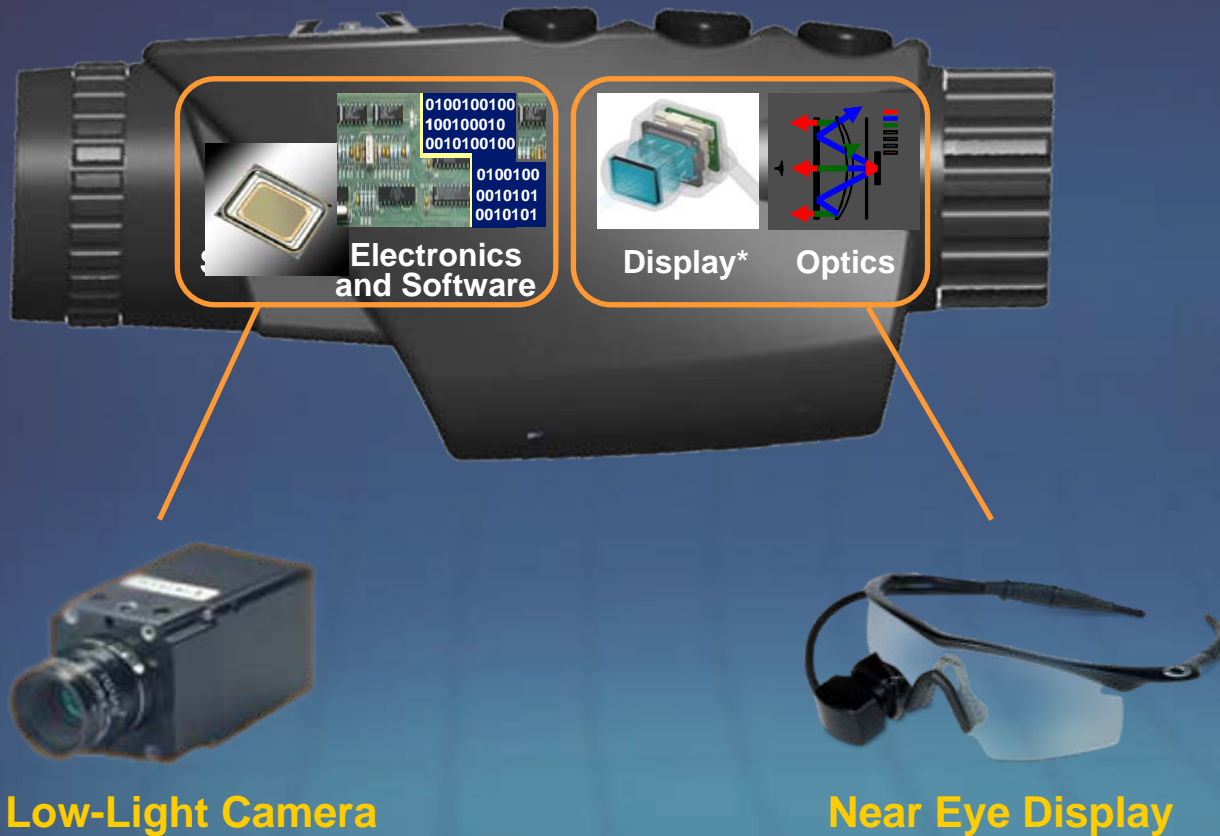
Intevac Photonics History



Ownership of Critical Technology

Low Light Imaging

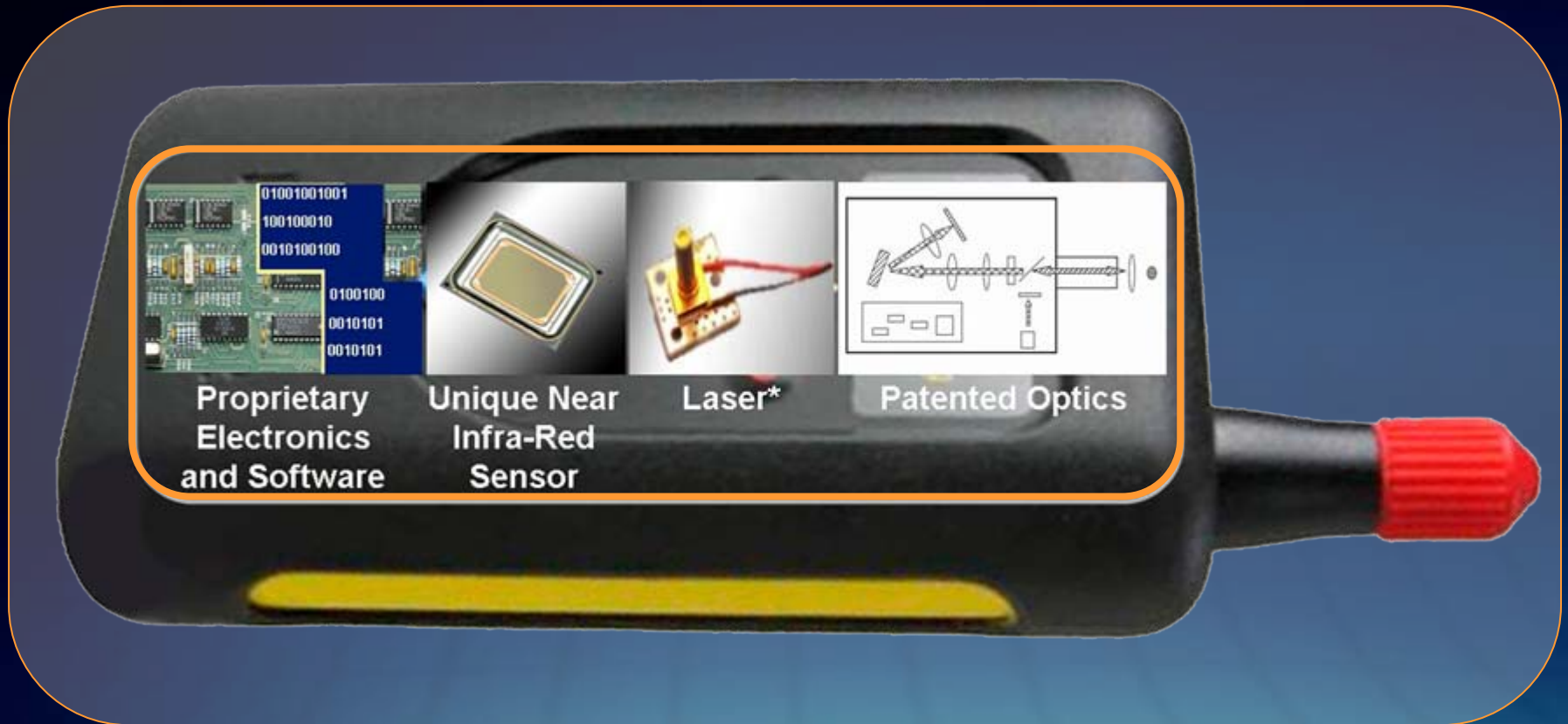
Head Mounted Night Vision System



*From third party

Ownership of Critical Technology

Hand Held, Real Time, Material Identification



*From Third Party

Products - Government

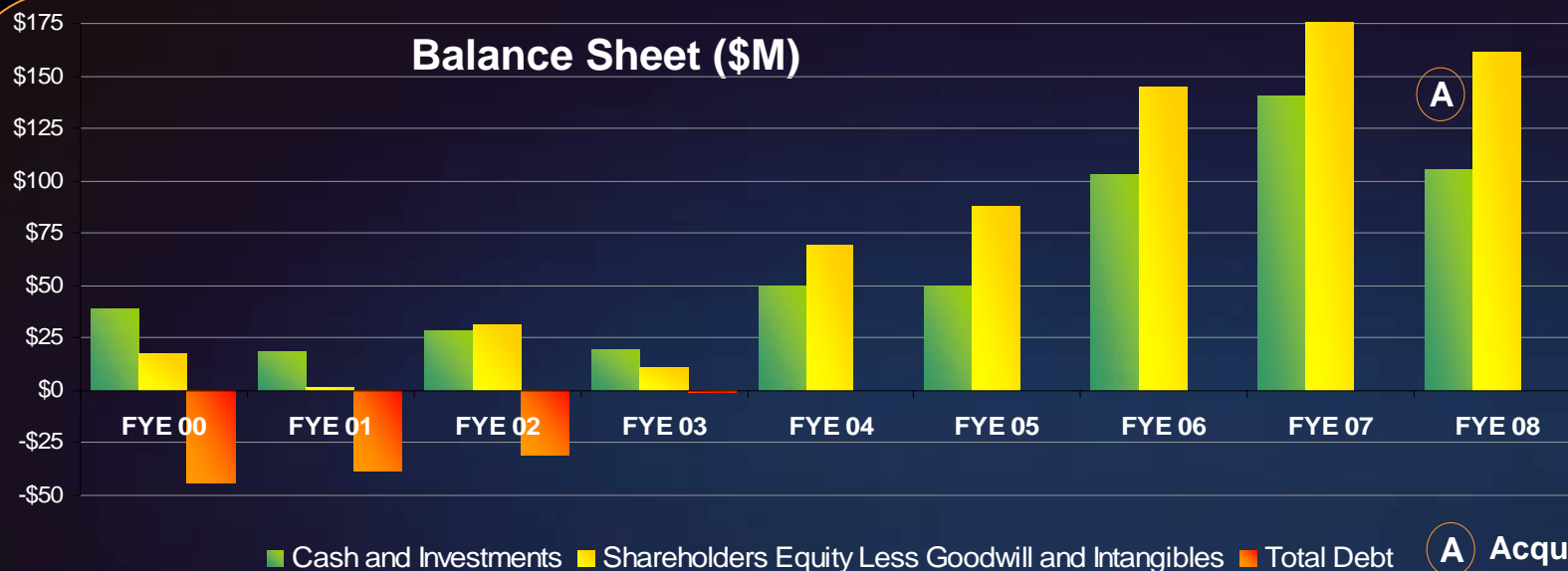
Products		Applications
Night Vision Systems	 <p>Module DENVG Night Port</p>	<ul style="list-style-type: none"> ■ Head Mounted ■ Gun Mounted ■ Binocular ■ Monocular
Near Eye Displays	 <p>I-Port</p>	<ul style="list-style-type: none"> ■ Covert PC Display ■ Remote Gun Sight ■ Training
Low Light Cameras including LIVAR	 <p>LIVAR® Camera NightVista®</p>	<ul style="list-style-type: none"> ■ Airborne ■ Maritime ■ Perimeter Security ■ Vehicles ■ UAV
Hand Held Material Identification Instruments	 <p>Observer</p>	<p>Biological and Chemical Threat Detection</p>

Products - Commercial

Products		Applications
Hand Held Material Identification Instruments	 <p>ReporteR™</p>	<ul style="list-style-type: none"> Law Enforcement Industrial Inspection
OEM Cameras	   <p>MicroVista® NightVista® Mosir®</p>	<ul style="list-style-type: none"> Industrial Inspection Bio Medical Scientific
Night Vision Systems	 <p>Night Port™</p>	<ul style="list-style-type: none"> Law Enforcement Recreational Use <p>Availability Post 2009</p>
Head Mounted Displays	  <p>I-Port Surgical Viewer</p>	<ul style="list-style-type: none"> Medical Training and Simulation

Solid Cash and Liquidity to Weather Current Downturn

Balance Sheet (\$M)



- Global Cost Reduction Plan Announced November 2008
- Reduces Costs \$10-12M Annually
- Cash Flow Break-Even ~\$115M Annual Revenues +/- 2%
- Operating Expenses Down >\$2M Per Quarter from Q4'08
- 2009 Operating Expenses Reduced ~ 15% from 2008

Investment Rationale



Significant
Growth
Opportunities

Highly Differentiated
Technology & Products

Management Team with Proven
Track Record

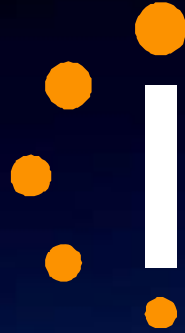
Strong Balance Sheet
Cost Reductions Underway

Equipment

- Technology Transition
- Future Media Capacity Needs
- Expanding Markets

Photonics

- Growing Product Revenues
- Government Programs
Beginning Volume Ramp



INTEVAC

***Goldman Sachs
Technology and Internet Conference
February 2009***

Jeff Andreson
Chief Financial Officer