



The Gentex Edge:

**ROBUST TECHNOLOGY
VALUE-ADDED FEATURES
AND EXECUTION!**

*Investor Presentation
April 2010*

SAFE HARBOR STATEMENT

This presentation contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act, as amended, that are based on management's belief, assumptions, current expectations, estimates and projections about the global automotive industry, the economy, the ability to control and leverage fixed manufacturing overhead costs, unit shipment and revenue growth rates, the ability to control E,R&D and S,G&A expenses, gross margins, and the Company itself. Words like "anticipates," "believes," "confident," "estimates," "expects," "forecast," "hopes," "likely," "plans," "projects," "optimistic," and "should," and variations of such words and similar expressions identify forward-looking statements. These statements do not guarantee future performance and involve certain risks, uncertainties, and assumptions that are difficult to predict with regard to timing, expense, likelihood and degree of occurrence. These risks include, without limitation, employment and general economic conditions, worldwide automotive production, the maintenance of the Company's market share, the ability to achieve purchasing cost reductions, competitive pricing pressures, currency fluctuations, interest rates, equity prices, the financial strength/stability of the Company's customers (including their Tier 1 suppliers), supply chain disruptions, potential sale of OEM business segments or suppliers, potential additional customer (including their Tier 1 suppliers) bankruptcies, the mix of products purchased by customers, the ability to continue to make product innovations, the success of certain products (e.g. SmartBeam® and Rear Camera Display Mirror), and other risks identified in the Company's other filings with the Securities and Exchange Commission. Therefore, actual results and outcomes may materially differ from what is expressed or forecasted. Furthermore, the Company undertakes no obligation to update, amend, or clarify forward-looking statements, whether as a result of new information, future events, or otherwise.

COMPANY SNAPSHOT

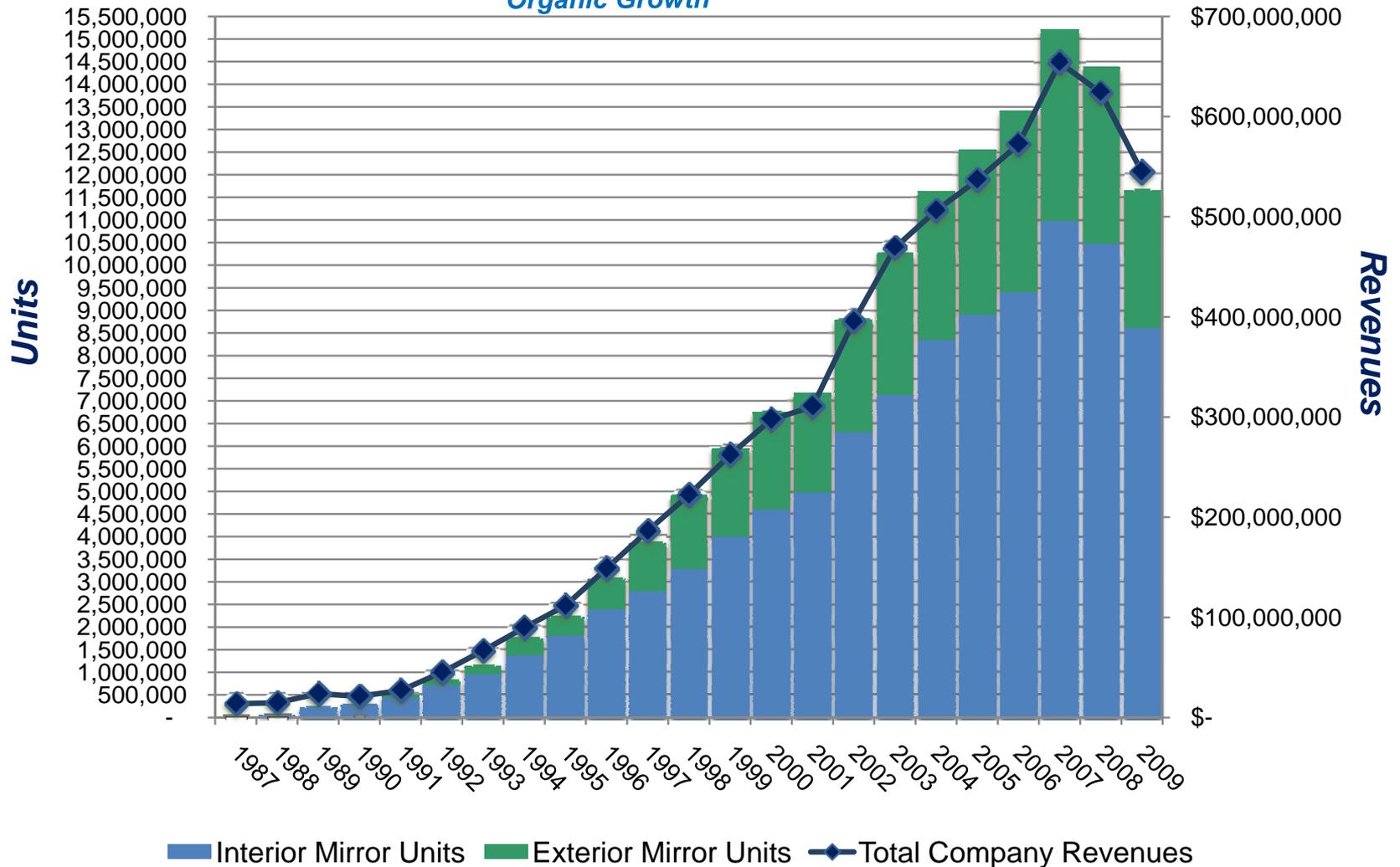
- **3 product lines: Interior and exterior automatic-dimming rearview mirrors for automotive vehicles (approximately 97% of revenues), fire protection products for commercial applications, and dimmable aircraft windows**
- 2009 CY unit shipments of approximately 11.7 million automatic-dimming mirrors (approx. -19% vs. 2008)
- ~2,600 Employees (~20% technical/R&D)



AUTO-DIMMING MIRROR UNIT SHIPMENTS AND COMPANY REVENUES HISTORY

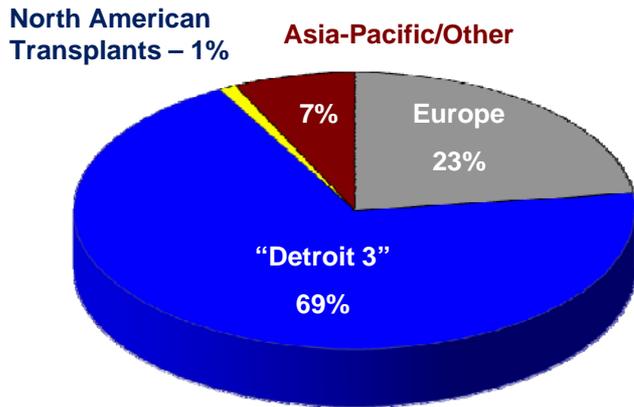
18% compounded annual revenue growth since 1987

Organic Growth



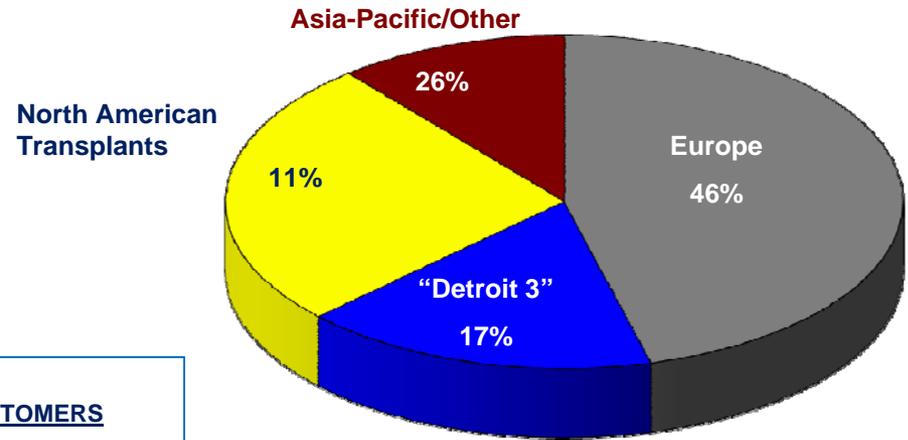
AUTO-DIMMING MIRROR UNIT SHIPMENTS BY REGION

CY1999 Units



Units in pie charts are calculated based on the location to which they are shipped.

CY2009 Units



TOP GENTEX CUSTOMERS
(revenues – % of total company for year ended 12/31/09)

- Toyota Motor Corporation – 17%
- Volkswagen/Audi – 15%
- Daimler AG – 14%
- General Motors – 13%
- BMW – 10%
- Ford – 10%
- Hyundai/Kia
- Nissan
- Chrysler

CY 2009: Approximately 83% of unit shipments go to OEMs headquartered outside of the U.S.

NEW VEHICLE PROGRAMS ANNOUNCED FOR 2009 CALENDAR YEAR

- Dodge Journey (A), or (E) and (M)
- Jaguar XF (A) or (D) and (J)
- Hyundai Grandeur /Azera (C), (G), (J)
- Audi A4 (K)
- Audi A5 (K)
- Audi Q7 (K)
- Toyota Crown (A)
- Ford Flex (B), (E), (H)
- Toyota Tacoma (L)
- BMW X6 (A), (C), (K)
- Chrysler Town and Country (A, E, J, K), (M)
- Opel/Vauxhall Insignia (A), (K)
- Toyota FJ Cruiser (L)
- Honda Civic (A)
- Kia Soul (L)
- Ford Fiesta- Europe (A)
- Toyota Venza (B, K)
- Toyota RAV4 (A), (L)
- Ford E-Series Van (L)
- Volkswagen Passat CC (A, J)
- Mercedes-Benz GLK (B, C, E, J)
- BMW 1 Series (C, K)
- BMW Z4 (K)

- Volvo XC60 (B)
- Toyota iQ (A)
- Toyota Yaris (A)
- Toyota Verso (A, L)

Toyota FJ Cruiser



BMW X6



Hyundai Grandeur



BMW Z4



Toyota Yaris



Toyota Tacoma



Jaguar XF



Chrysler Town & Country



Toyota RAV 4



Ford E Series



Opel Insignia



Ford Fiesta



VW Passat CC



Kia Soul



Toyota Venza



Toyota Crown



Audi A4



Toyota iQ



BMW 1 Series



Mercedes-Benz GLK



Audi A5



Volvo XC60



Honda Civic



Ford Flex



Audi Q7



Toyota Verso



Dodge Journey



- A = auto-dimming interior base feature mirror
- B = auto-dimming interior mirror with compass
- C = auto-dimming interior mirror with compass display & universal garage door opener
- D = auto-dimming interior mirror with universal garage door opener
- E = auto-dimming interior mirror with Gentex's proprietary integrated, hands-free microphone
- F = auto-dimming interior mirror with compass/outside temp display & universal garage door opener
- G = auto-dimming interior mirror with rear camera display & Gentex Z-Nav compass transducer
- H = auto-dimming interior base feature mirror with Gentex Z-Nav compass transducer
- I = auto-dimming interior mirror with rear camera display & Gentex microphone
- J = auto-dimming exterior mirrors
- K = auto-dimming interior mirror with SmartBeam
- L = auto-dimming interior mirror with Rear Camera Display
- M = auto-dimming interior mirror with telematics

NEW VEHICLE PROGRAMS IN 2010 CALENDAR YEAR (ANNOUNCED TO DATE)*

- BMW X1 (C), (J), (K)
- Daihatsu Mira Cocoa (L)
- Kia Forte (A), (L)
- Kia Morning (L)
- Suzuki Kizashi (D)
- Honda Accord Crosstour (A), (L)
- Acura ZDX (A), (L)
- Honda CR-V (A)
- Honda Spirior –China (A), (J)
- Cadillac CTS Sports Wagon (A), (L), (M)
- Chevrolet Camaro (A), (M)
- Lexus LS (A), (B), (K)
- Lexus RX (B), (J), (K), (L)

Chevy Camaro



Suzuki Kizashi

Kia Morning



Honda Spirior



Daihatsu Mira Cocoa



Lexus LS



Acura ZDX



Honda Accord Crosstour



Cadillac CTS Sports Wagon



Honda CR-V



Kia Forte



Lexus RX



BMW X1



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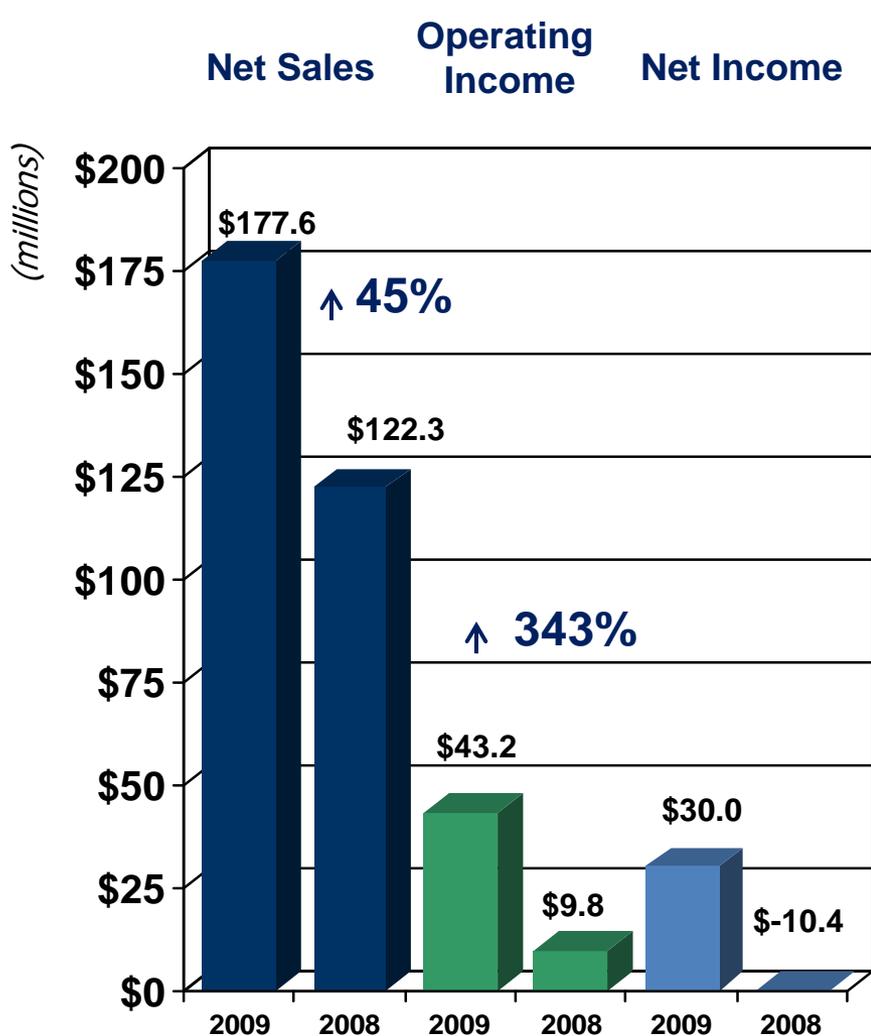
***All SmartBeam & RCD programs are also listed separately in their respective sections on slides 25, 28, and 29.**

FIRE PROTECTION GROUP

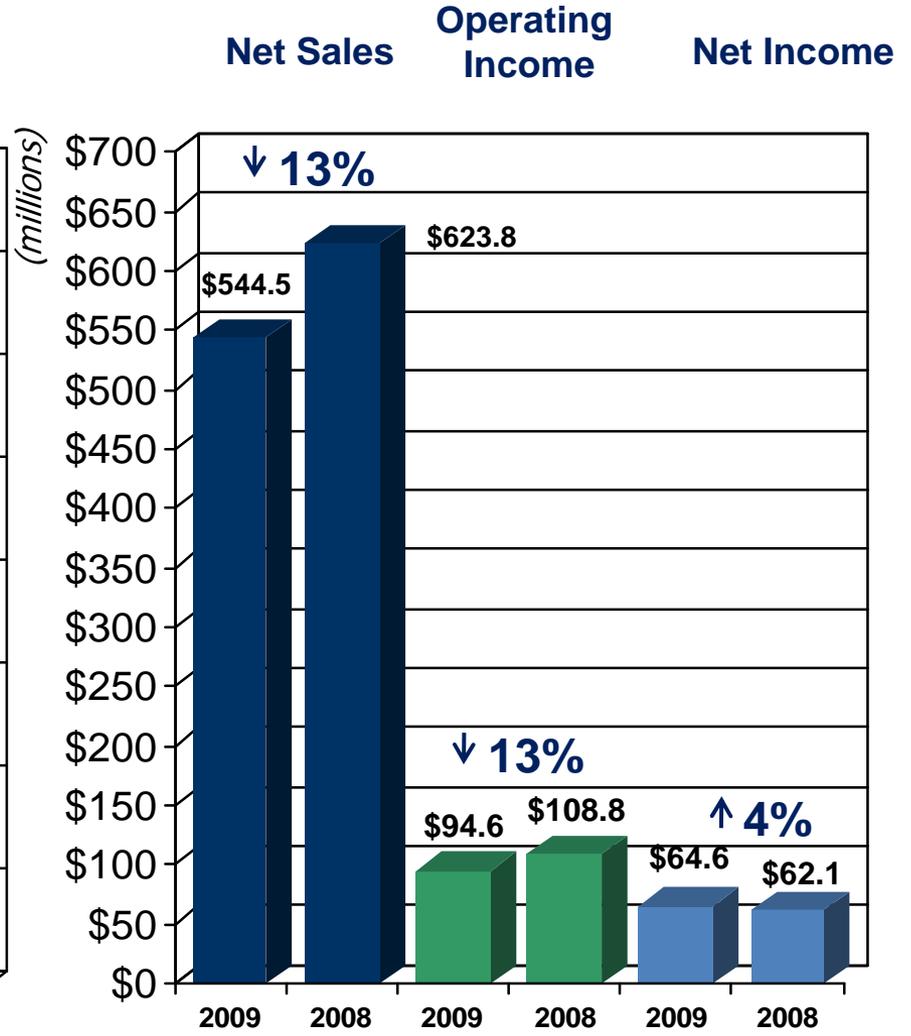
- Revenues in the Fire Protection Group were \$18.2 million in calendar year 2009, a 18% decline compared with calendar year 2008.
- The Company has developed a series of carbon monoxide (CO) alarms.



FOURTH QUARTERS ENDED DECEMBER 31, 2009 AND 2008, AND TWELVE MONTHS ENDED DECEMBER 31, 2009 AND 2008



Fourth Quarters Ended 12/31



Twelve Months Ended 12/31

HIGH GROWTH/HIGH MARGIN BUSINESS

Factors Impacting Margins:

Positive

- *Purchasing Cost Reductions
- *Engineering Cost Reductions (VAVE)
- *Top Line Growth of 10%+
- *Manufacturing Yield Improvements

Negative:

- *Annual Customer Price Reductions
- *Top Line Growth of <10%
- *Lower North American light vehicle production
- *Learning Curve: Lower Yields on New Products/Processes

Additional negative factors over the past several years

3Q 2004 - 4Q 2006

New Product/Processes: Introduction of SmartBeam and Microelectronics production capabilities

2Q 2004 - ?

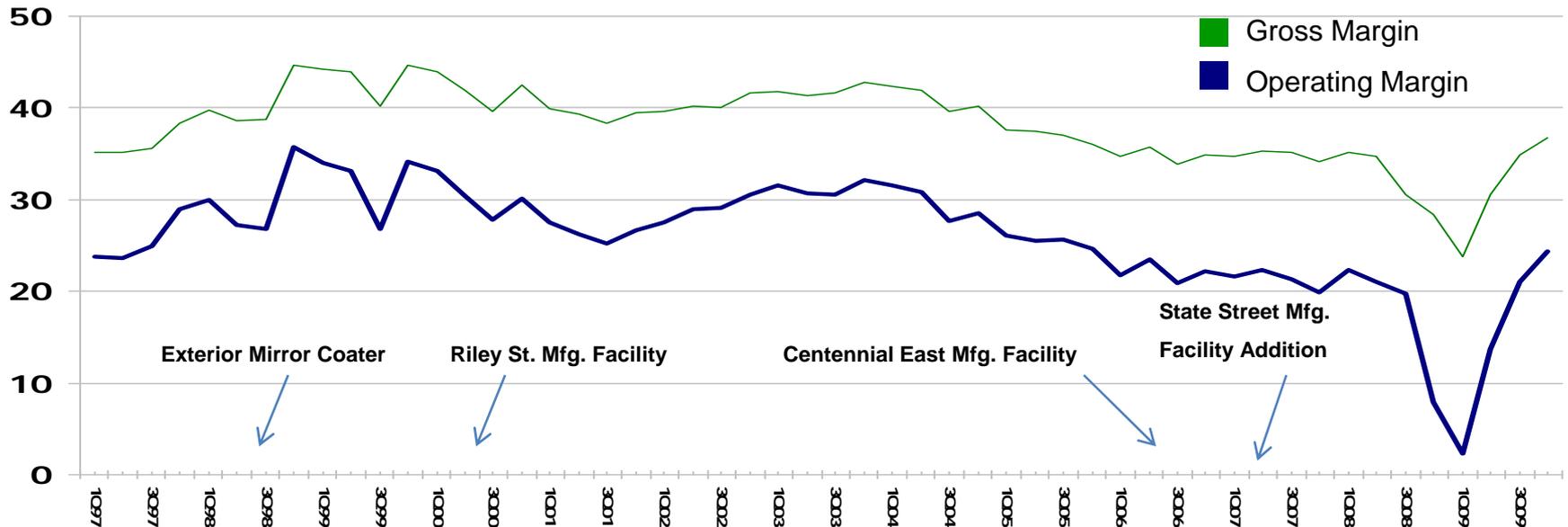
Production Declines: GM T800-900 (full size truck/SUV) changeover and reduction in vehicle production levels

1Q 2005 - 4Q 2006

Product Re-Design: Introduction of Bezel-Free OEC mirror to meet increased field-of-view requirements in Europe

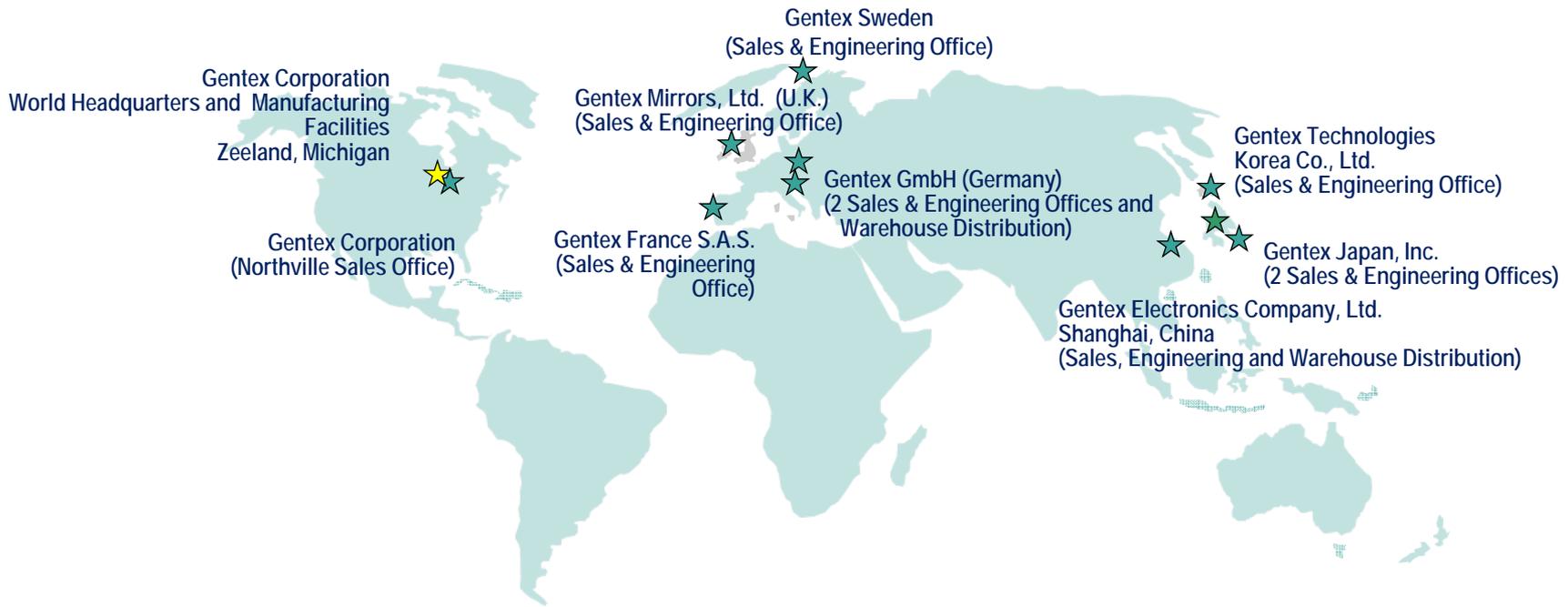
3Q 2004 - 3Q 2006

Product Re-Design: Complete re-design of all interior mirror circuit boards to eliminate certain materials (i.e. lead) to meet *End of Life Vehicle* (ELV) requirements



GENTEX: AN INTERNATIONAL COMPANY SERVING A GLOBAL INDUSTRY

- **5 manufacturing plants** (4 automotive, 1 fire protection) – **all located in Zeeland, Michigan.**
- **Current estimated *building capacity* to manufacture approximately 15-20 million interior and nine million exterior mirror units annually** (based on current mix). Production line capacity is added as required with each new model year.
- Automotive Sales/Engineering Offices in Northville, Michigan; Munich and Erlenbach, Germany; Nagoya and Yokohama, Japan; Seoul, Korea; Coventry, England; Paris, France; and Gothenburg, Sweden. Automotive sales, engineering, and warehouse facility in Shanghai, China.



AGGRESSIVE INVESTING FOR FUTURE GROWTH: R&D INVESTMENT THREE TIMES THE TYPICAL AUTO SUPPLIER

- Invested approximately 8% of net sales in ER&D in the 2009 calendar year.
 - Many programs will not produce revenues for another 2-3 years.
- Also investing to develop the infrastructure for our offices in Western Europe and Asia.
 - Preparing for the strong growth expected in those markets over the next 3-5 years.
- This investment is critical to support new business in those markets and to achieve future goals for growth.



OUR STRATEGY REMAINS THE SAME

Grow Top Line

- *New models
- *Increase penetration
- *Add exterior mirrors

Innovation

- *First to market with new technologies
- *Improve competitive advantage through upgrading/automating manufacturing processes

Increase Dollar Content

- *Add one or more features to interior or exterior mirrors

WHAT MAKES GENTEX DIFFERENT FROM THE COMPETITION?

- *We are a company that invents and commercializes products that consumers want*
 - First to introduce every new mirror-borne electronic feature to the market
 - Focus on core business of auto-dimming mirrors: we spend 95+% of our time thinking about auto-dimming mirrors
- *Superior products/Superior performance*

From 1993 until today, Gentex employees have earned the highest quality awards from automakers and independent sources. Awards include:

Ford

Total Quality Excellence

General Motors

Supplier of the Year
(13 consecutive years)
2008 Corporation of the Year

Gulf States Toyota

Best Overall Performance

Honda

Excellence in Quality & Delivery

Hyundai-Kia

Supplier of the Year

Nissan

Accessory Award

PACE Awards (Automotive News/Ernst & Young)

Six-time winner

Toyota Motor Manufacturing

Value Improvement & Delivery Performance
Quality Excellence Award
Excellent Award in Technology (SmartBeam)

Toyota Motor Sales

Gold Award

Subaru of America, Inc.

Gold Award: Supplier Excellence

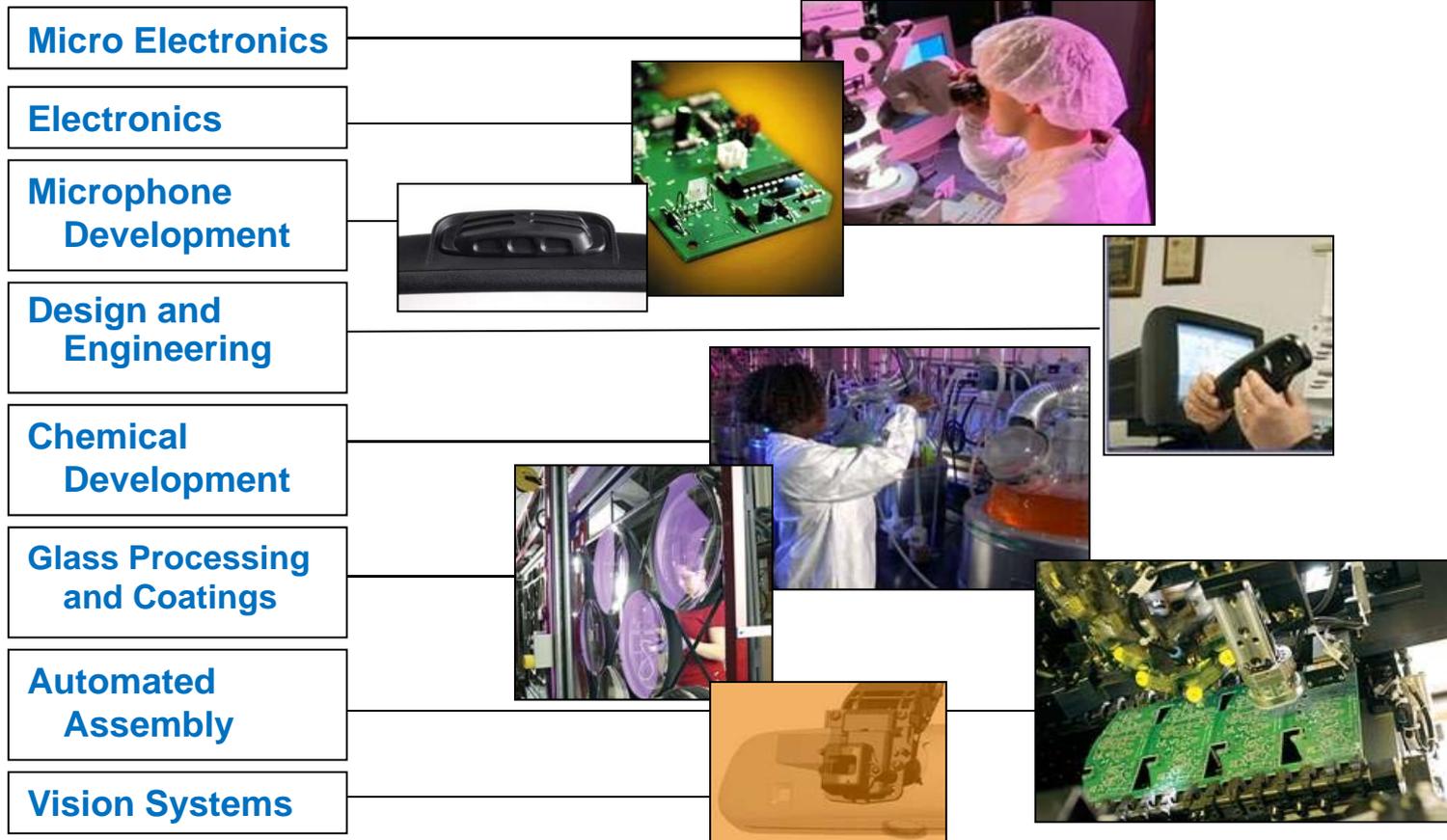


WHAT MAKES GENTEX DIFFERENT FROM THE COMPETITION?

Execution, execution, execution!

Continue to innovate processes and raise the bar, increasing the technology gap between Gentex and its competitors

- It takes a group of people with the right combination of technical skills to make this happen
- Vertical integration and automation: Gentex has the benefit of volume to be able to make these important investments
- Concentrate on core competencies



ESTIMATED AUTOMATIC-DIMMING MIRROR GLOBAL MARKET SHARE: 2009 CALENDAR YEAR (Units)

GENTEX CORPORATION

OEM Customers/Brands

- BMW
 - BMW
 - Rolls Royce
- Fiat Group
 - Chrysler
 - Dodge
 - Jeep
- Ford Motor Company
 - Ford
 - Lincoln
 - Mercury
 - Volvo
- General Motors
 - Buick
 - Cadillac
 - Chevrolet
 - GMC
 - Opel
 - Pontiac
 - Saab
- Honda
 - Acura
 - Honda
- Hyundai/Kia Motors
 - Hyundai
 - Kia
- Isuzu
- Maserati
- Mazda
- Mercedes-Benz
- Mitsubishi
 - Infiniti
 - Nissan

- Porsche
- PSA
 - Citroen
 - Peugeot
- Ssangyong
- Tata Motors
 - Jaguar
 - Land Rover
- Toyota
 - Lexus
 - Toyota
- Volkswagen
 - Audi
 - Bentley
 - SEAT
 - Skoda
 - Volkswagen

Tier 1 Customers

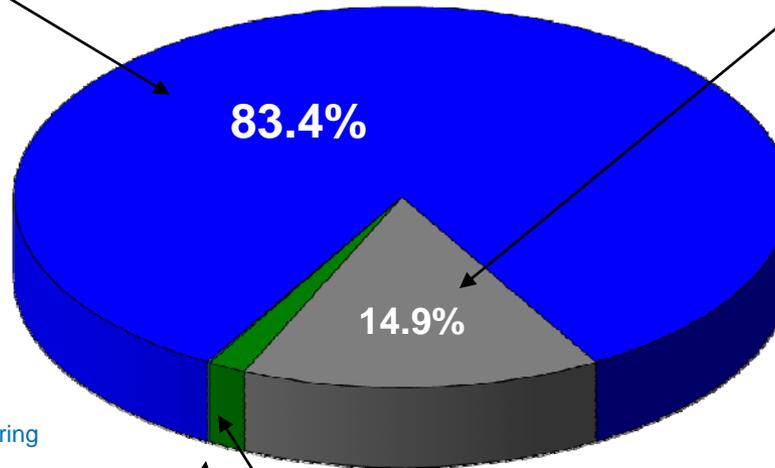
- Alfred Englemann
- Integrated Manufacturing and Assembly
- FICOSA
- Ichikoh Industries
- Magna Mirrors
- Metagal
- Murakami Kaimeido
- SMR
- Tokai Rika

Accessory and Aftermarket

- Honda
- Kia
- Mazda
- Mito Corporation
- Mitsubishi
- Nissan
- Subaru
- Suzuki
- Toyota

MAGNA MIRRORS

- Acura/Honda
- BMW
- Citroen
- Ford
- General Motors
- Hyundai/Kia
- Lexus
- Mitsubishi
- Nissan (aftermarket)
- Peugeot
- Porsche
- Renault
- Samsung
- Tokai Rika



83.4%

14.9%

1.6%

<0.1%

TOKAI RIKA

Toyota/Lexus (exterior only)

MURAKAMI KAIMEIDO

Mitsubishi

Gentex serves over 30 automotive customers (OEM and tier one suppliers) in over 25 countries.

AUTO-DIMMING MIRROR MARKET – ESTIMATED POTENTIAL

- There are approximately 65 million light vehicles produced annually worldwide (19% *N. America*, 32% *Europe*, 49% *Asia Pacific/Other*).
- We estimate that auto-dimming mirrors may penetrate approximately 45% of that market, or approximately 30 million light vehicles, over the next two vehicle cycles (10-12 years).
- Based on average mirror content of ~\$100 per vehicle...

= approximately \$3 Billion Market Potential

As of 12/31/09, the cumulative installed base of Gentex auto-dimming mirrors was approximately 137 million units.



- In CY2009, approximately 18%* of all light vehicles worldwide had an interior auto-dimming mirror and approximately 6%* had at least one exterior auto-dimming mirror.
- Interior mirror penetration rates*, by market, in calendar 2009 were approximately as follows:
 - 50-55% in North America
 - 25-30% in North America Transplants
 - 20-25% in Western Europe
 - Nearly 10% in Asia Pacific/South America

**Includes all auto-dimming mirrors manufactured by all suppliers of electrochromic mirrors .*

FUTURE GROWTH DRIVERS

- I. Interior and exterior auto-dimming rearview mirrors
- II. Using mirror(s) as the **platform to bring electronic features** to the vehicle
- III. **Leveraging the Company's core competencies** to develop other products both in- and outside the automotive industry



AUTO-DIMMING MIRRORS: WHY ARE THEY IMPORTANT?

- **It Starts With Safety**
 - **Gentex auto-dimming rearview mirrors protect your vision**, reduce stopping distances, and make nighttime driving safer.
 - **The benefits of auto-dimming mirrors have long been recognized** by the National Highway Traffic Safety Administration (NHTSA)
- **More Glare, More Drivers**
 - **There's more glare on today's roads** and expressways, which is exacerbated by:
 - The high-mounted headlamps of trucks and sport/utility vehicles
 - High-intensity discharge (HID) headlamps with the blue-violet hue
- **Demographics:** Aging driver population with eyes more susceptible to glare
- **Larger exterior mirrors**
- There are **more vehicles on the road** and we're driving more miles per person
- **Social and demographic trends** are working in our favor
- **Conclusion: Great growth potential in our core auto-dimming mirror business!**



THE MIRROR IS A NATURAL LOCATION FOR ELECTRONIC INNOVATION...WHY?

- Lower System Cost
- Superior Performance
- Increased Packaging Options
- Common Electronics
- Superior Styling
- Located in area swept clean by wipers
- Important location for sending/receiving signals
- Quick to Market
- Consistent Location Across Vehicle Platforms
- Easy to Service
- Protected Location



POTENTIAL FEATURES FOR INCLUSION IN REARVIEW MIRRORS

Add-In and Add-On Features

➤ = existing products

Safety/Security

Interior Mirrors

- Automatic Headlamp Control
- Telematics [GM, Chrysler, and Ford]
- Intelligent High-Beam Headlamp Assist (SmartBeam®)
- Indicator LEDs for Alarm/Immobilizer System
- Indicator LEDs for Passenger Airbag On/Off
- Hands-Free Phone
- Remote Keyless Entry Receiver
- Tire Pressure Display for Run-Flat Tires
- Daytime Running Lights
 - Fog Sensing/Signaling Module
- Rain Sensor
 - Obstacle Detection
 - Collision Avoidance
 - Gas Sensing
 - Occupant Sensing
 - Lane Departure Warning
 - Sign Detection
- Rear Camera Display
 - Pedestrian Detection
- Rear Park Assist Display

Exterior Mirrors

- Turn Signal Indicators
- Side Blind Zone Indicators

Comfort/Convenience

Interior Mirrors

- Map Lights
- Digital Compass
- Exterior Temperature Display
- Trip Functions Display
- Universal Garage Door Opener
 - Sunload Sensing



***Advanced-feature mirrors represented about 57% of interior mirror shipments in CY2009.**

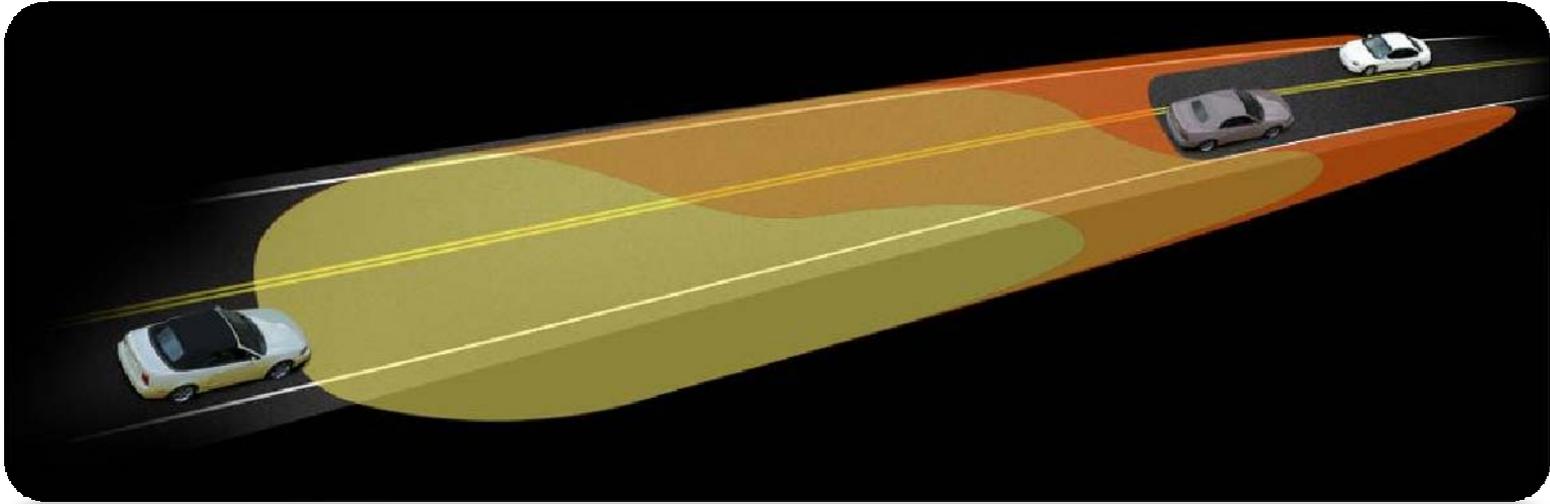
SMARTBEAM® INTELLIGENT HIGH-BEAM HEADLAMP ASSIST SYSTEM



 **SMARTBEAM®**



SMARTBEAM® INTELLIGENT HIGH-BEAM HEADLAMP ASSIST SYSTEM



SmartBeam HBA – High-Beam Assist

During nighttime driving, SmartBeam High-Beam Assist (HBA) automatically turns on the high beams when no other vehicles are present. When headlamps, or tail lamps, of surrounding vehicles are detected, the system returns the headlamps to their low-beam state. When traffic clears, the high beams are turned back on in order to maximize forward lighting.

SmartBeam VFL – Variable Forward Lighting

SmartBeam Variable Forward Lighting (VFL) also automates high- and low-beam switching. But, in addition, by communicating with the vehicle's dynamic-leveling headlamp systems, it produces "continuously variable low beams" – automatically extending and contracting the low-beam pattern. This technology provides an added level of forward lighting optimization by maximizing both the low and high beams.

SmartBeam DFL – Dynamic Forward Lighting

SmartBeam Dynamic Forward Lighting (DFL) can be used to control "constant on" high beam systems. It works in conjunction with emerging future headlamp technology to generate glare-free "block-out" zones that shield oncoming and preceding vehicles from headlamp glare. This allows light to be projected around the surrounding traffic, and optimizes the capabilities of the SmartBeam Intelligent Forward Lighting System.

SMARTBEAM® INTELLIGENT HIGH-BEAM HEADLAMP ASSIST SYSTEM

Features/Benefits

- Makes nighttime driving safer by maximizing high-beam usage
- Studies show that drivers use their high beam headlamps only 25% of the time it is appropriate to use them
 - At 50 m.p.h., you are literally outdriving the pattern of your low beam headlamps, inhibiting your ability to stop for objects in the vehicle's path
- SmartBeam automatically turns off high beams when detecting other vehicles' head- or tail lamps; turns high beams back on when those lights are not present
 - Prevents you from accidentally leaving high beams on and blinding other drivers
 - Prevents driver distraction by fading high beams in and out, which also extends bulb life and is more aesthetically pleasing



Proprietary CMOS active-pixel image-sensor technology yields the most reliable and accurate system ever produced

- CMOS sensor not used as a camera: used as a highly sophisticated light sensor
- Patented filtering technique distinguishes street and other AC light sources from vehicle light sources (DC) to prevent unnecessary dimming
- Distinguishes between headlamps (white) and taillights (red), allowing for varied dimming thresholds

SMARTBEAM® INTELLIGENT HIGH-BEAM HEADLAMP ASSIST SYSTEM: MARKET ACCEPTANCE

- SmartBeam debuted in the 2005 model year. For the 2009 calendar year, the Company shipped approximately 437,000 SmartBeam units compared with approximately 295,000 units in 2008.
- Based on the latest publicly available information (as of 1/28/2010), the Company expects that SmartBeam units will increase by 30-40% in calendar year 2010.



Lexus LS

Tata Motors/Land Rover: Discovery



Lexus RX 350



Toyota Venza



Tata Motors/Land Rover: Range Rover



BMW 7 Series



Audi A5



BMW 1 Series



BMW 3 Series



Opel/Vauxhall Astra



Audi A4



Cadillac STS



Rolls Royce Phantom



Audi A5 Cabrio



BMW 6 Series



BMW X1



BMW Z4



Jeep Commander



BMW X5



Rolls Royce Ghost



Audi A5 Sportback



Cadillac Escalade, Escalade ESV, and EXT



BMW X6



Audi Q7



Cadillac DTS



BMW 5 Series



Audi Allroad



Jeep Grand Cherokee & Cherokee SRT8



Tata Motors/Land Rover: Range Rover Sport



Chrysler Town & Country



Chrysler 300/300C



Opel Insignia



Rolls Royce Drophead Coupe



Audi

A4
A5
A5 Cabrio
A5 Sportback
Allroad
Q7

BMW

1 Series
3 Series
5 Series
6 Series
7 Series
X1
X5
X6
Z4
5 Series GT

Chrysler

300
Town and Country
Cadillac DTS
Cadillac Escalade
Cadillac STS
Jeep Commander
Jeep Grand Cherokee

Tata Motors/Land Rover

Discovery
Range Rover
Range Rover Sport

Toyota/Lexus

Lexus LS and RX
Toyota Venza

Opel/Vauxhall

Astra
Insignia

Rolls Royce

Drophead Coupe
Ghost
Phantom

REAR CAMERA DISPLAY (RCD) MIRROR

The Company has developed and is shipping a number of different displays in mirrors. The most prominent one at this time is the Rear Camera Display (RCD) Mirror.

All vehicles have dangerous rear blind zones

Although vehicles come in a myriad of shapes and sizes, most have one thing in common -- large and dangerous rear blind zones that make it nearly impossible for drivers to see directly behind them when backing up.

Gentex RCD Mirror introduced in 2007

In March 2007, Gentex announced the availability of its newest technology: an interior auto-dimming rearview mirror with an integrated system that displays what is directly behind the vehicle through the mirror's reflective surface when the vehicle is put in reverse.

Why the Mirror?

Because of its relatively low cost and simple vehicle integration, the rearview mirror display is a simple, economical way for automakers to offer the feature.



When it comes to backing up, why look anyplace else?

REAR CAMERA DISPLAY (RCD) MIRROR

▪ Feature:

- Backup camera video display in an automatic-dimming rearview mirror
 - Transflective display: entire mirror surface is reflective unless display is illuminated
 - Display available on either right or left side
- Helps identify potential hazards in vehicle's rearward path
- Graphic overlays guide the driver with helpful information on the distance between the vehicle and object behind

▪ Benefits:

- Safety – provides driver with view directly behind vehicle prior to backing up
- Quick-to-Market
- Easy Installation
- Lower Cost – simple, cost-effective installation; no additional tooling cost
- Intuitive, Safe Display Location – Ability to see display and rearview mirror simultaneously



Graphic overlay



REAR CAMERA DISPLAY (RCD) MIRROR

42 Models Have RCD Mirrors (8 Automakers):

Daihatsu
 Mira Cocoa
Ford
 E-Series
 Expedition
 F-Series
 Fusion
 Mustang
 Lincoln Navigator
 Mercury Milan
General Motors
 Buick Enclave
 Chevrolet Avalanche
 Chevrolet Equinox
 Chevrolet Silverado
 Chevrolet Tahoe
 CTS Sportswagen
 HHR
 Suburban
 GMC Acadia
 GMC Sierra
 GMC Terrain
 GMC Yukon
Honda
 Acura MDX
 Acura RDX
 Acura ZDX
 Honda Accord Crossover

Hyundai/Kia
 Hyundai Grandeur
 Kia Amanti/Opirus
 Kia Borrego/Mohave
 Kia Forte
 Kia Morning
 Kia Sorento
 Kia Soul
Mitsubishi
 Eclipse
 Eclipse Spyder
Subaru
 Tribeca
Toyota
 Lexus RX 350
 Toyota FJ Cruiser
 Toyota Prius
 Toyota RAV 4
 Toyota Sequoia
 Toyota Tacoma
 Toyota Tundra
 Toyota Verso

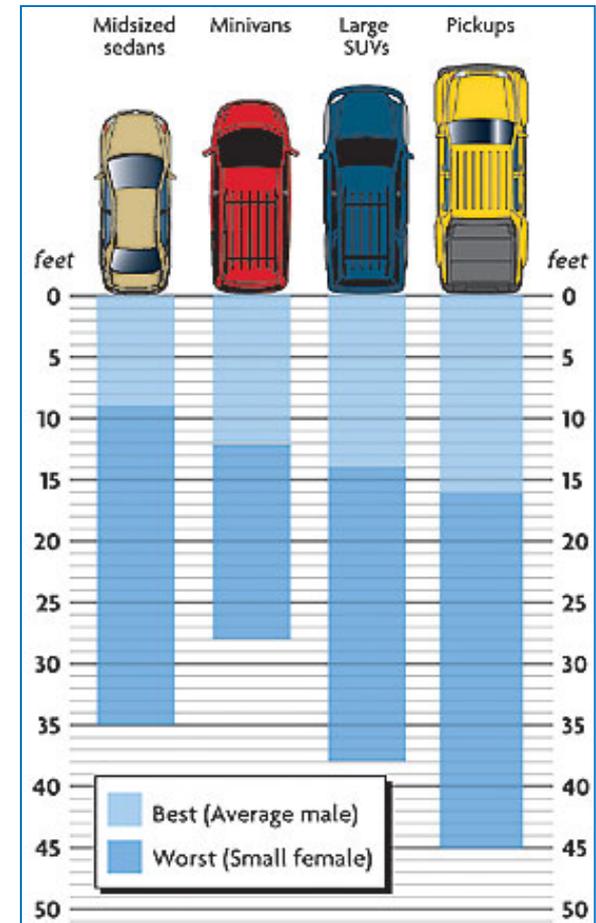
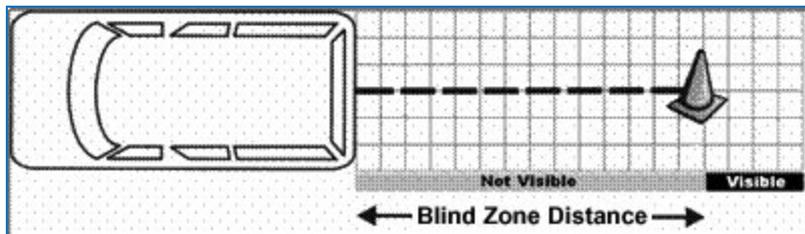


Also shipping for nearly 20 aftermarket
 or dealer-installed programs

REAR CAMERA DISPLAY (RCD) MIRROR

Rear Blind Zone Problematic On All Vehicles

- All vehicles have rear blind zones
- Pick-ups and SUVs are the worst
- The **average** rear blind zone across all vehicles is 14 to 23 feet, depending on the height of the driver (*Consumer Reports*)
- Sedans, on **average**, have a blind zone only two feet less than SUVs; in fact, many sedans were found to have worse rearward visibility than SUVs



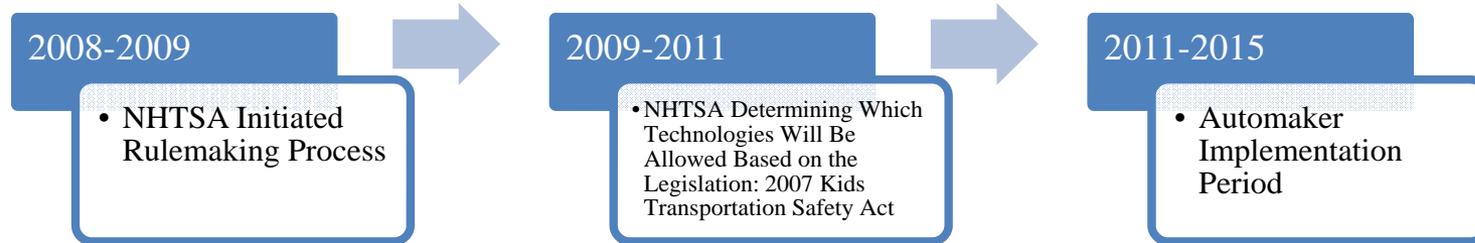
Expert • Independent • Nonprofit

ConsumerReports.org

REAR CAMERA DISPLAY (RCD) MIRROR

Kids Transportation Safety Act of 2007

On February 28, 2008, President Bush signed into law **legislation making some type of rear backup warning device required on all vehicles**. The National Highway Traffic Safety Administration (NHTSA) is interpreting the legislation, which **may include sensors, additional mirrors, rear back-up cameras** (which could be in a mirror, navigation system or other LCD display).



Guidance

The Company shipped approximately 270,000 RCD mirror units in CY 2008, and approximately 573,000 in CY 2009. Based on the latest publicly available information (as of 1/28/2010), the Company expects that RCD mirror units will increase by approximately 60-75% in calendar year 2010 compared with calendar year 2009 .

Research (by The Planning Edge, Inc., 2007)

Objectives of the study:

- Measure the rationale for the rear camera technology
- Identify attitudes surrounding rear camera technology
- Determine preferred placement for the display
- Measure satisfaction of current rear camera display owners
- Assess overall appeal and consideration for the system

Findings – Total Sample:

- 73% prefer RCD in the mirror
- 83% want RCD on their next vehicle
- 77% agree that the rearview mirror is the natural place for a RCD

General Motors & Virginia Tech Transportation Institute (May 2008)

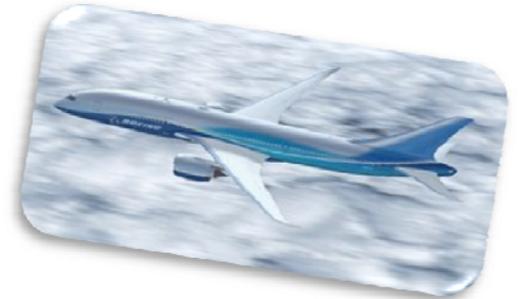
- 3.5" display in an interior rearview mirror was the preferred location in a vehicle
- A rear vision display integrated within the interior rearview mirror led to the highest avoidance rates.

Awards

- 2008 PACE (Premier Automotive Suppliers' Contribution to Excellence) award for the Company's Rear Camera Display (RCD) Mirror
- Ford Motor Company's 2007 Recognition of Achievement Award: New Consumer-Focused Technology for the RCD Mirror

DIMMABLE WINDOWS FOR AIRCRAFT

- **Working with PPG Aerospace on dimmable windows for aircraft** for Boeing 787 Dreamliner Series.
- **Estimated \$50 million over first five years of production** (based on Boeing's production schedule at the time of the announcement in 2005); majority of revenues to Gentex.
- For each passenger aircraft, **Gentex will ship approximately 100 window sub-assemblies and the electronics** to control the windows for the passenger compartment.
- **Boeing currently expects the first planes to go into service in late 2010.** We expect that we will begin to deliver our windows to the aircraft production line in the first half of 2010.
- Update on 787 order history is available at <http://active.boeing.com/commercial/orders/index.cfm> .
- The Company and PPG Aerospace is shipping dimmable windows for use on the passenger cabin windows of the **2010 Beechcraft King Air 350i aircraft, the first aircraft in the general and business aviation area** with dimmable windows.
- Technology has also been shown to **other interested aircraft manufacturers** and Gentex is working with them and PPG Aerospace on potential additional programs.
- **Potentially a profitable niche market for Gentex.**



Passenger windows measure approximately 12" wide by 18" long

POTENTIAL LONGER-TERM APPLICATIONS: COMPANY WILL INVEST IN THOSE WHERE THERE'S A STRONG BUSINESS CASE

Leveraging Core Technologies:

- Microelectronics Products

- Front and Rear Vision Systems
- Sunload Sensors
- Occupant Sensors
- Lane Departure Warning
- Sign Detection
- Pedestrian Detection
- Photonics

- Electrochromic Technology

- “Smart” Windows
 - Architectural Glass (Commercial and Residential)

