



CHALLENGE X SPONSORS

PLATINUM SPONSORS

 **Natural Resources Canada** Natural Resources Canada (NRCan) has been a long-time supporter of the U.S. Department of Energy's advanced vehicle technology competition program, providing technical and program support for more than 20 competitions over 16 years. Challenge X underscores NRCan's commitment to addressing greenhouse gas reductions and supporting sustainable energy policies and advanced automotive technologies.

NRCan provides knowledge, expertise, and program activities for the sustainable development and use of Canada's natural resources and to support the global competitiveness of its resource and related sectors. This includes energy activities that encompasses policy development, market development programs, and international activities in energy efficiency, renewables, transportation technologies, alternative fuels, and conventional fuels.

SPONSOR WEB SITE www.nrcan.gc.ca

 **The MathWorks** The MathWorks is the leading developer and supplier of technical computing software. Employing more than 1,000 people, The MathWorks was founded in 1984 and is headquartered in Natick, Massachusetts, with offices and representatives throughout the world. The MathWorks customers are over 500,000 of the world's leading technical people, in over 100 countries, on all seven continents. They work at innovative companies, government research labs, financial institutions, and at more than 3,500 universities. They rely on us because MATLAB and Simulink have become the fundamental tools for their engineering and scientific work. By sponsoring Challenge X, The MathWorks realizes its mission of support for math and science educational endeavors, fostering growth opportunities for those who will make contributions and discoveries in the future.

SPONSOR WEB SITE www.mathworks.com

 **NATIONAL INSTRUMENTS** For 30 years, National Instruments has been a technology pioneer and leader in virtual instrumentation—a revolutionary concept that has changed the way engineers and scientists in industry, government and academia approach measurement and automation. Leveraging PCs and commercial technologies, virtual instrumentation increases productivity and lowers costs for test, control, and design applications through easy-to-integrate software, such as NI LabVIEW, and modular measurement and control hardware for PXI, PCI, PCI Express, USB and Ethernet. Headquartered in Austin, Texas, NI has more than 3,800 employees and direct operations in nearly 40 countries. For the past seven years, FORTUNE magazine has named NI one of the 100 best companies to work for in America.

In addition to providing an NI Application Engineer advisor to each team for product support and expertise through all phases of the competition, NI will also donate more than \$750,000 in software, hardware, and training products to participating teams.


Through its support of the Challenge X competition, NI continues its commitment to education by providing tomorrow's engineering leaders with tools to be successful today and in the future.

SPONSOR WEB SITE www.ni.com


 **freescale semiconductor** Freescale Semiconductor, Inc. is a global leader in the design and manufacture of embedded semiconductors for the automotive, consumer, industrial, networking, and wireless markets. Freescale became a publicly traded company in July 2004 after more than 50 years as part of Motorola, Inc. The company is based in Austin, Texas, and has design, research and development, manufacturing or sales operations in more than 30 countries. Freescale, a member of the S&P 500®, is one of the world's largest semiconductor companies with 2005 sales of \$5.8 billion (USD).


Challenge X design teams will receive Freescale hardware development tools, software, and training based on our industry-leading PowerPC microcontrollers. Using the same products designed into General Motors powertrain engine control systems around the world, the Challenge X teams will gain real-world experience in real-time engine management applications, from fuel and spark control to emissions and vehicle diagnostics. Freescale is also providing each team with our CodeWarrior development studio, which provides state-of-the-art debugging technology with a highly visual and automated framework that accelerates design development.

SPONSOR WEB SITE www.freescale.com/automotive

 **AVL** AVL, headquartered in Graz, Austria, is the world's largest privately owned and independent company for the development of gasoline, diesel, and alternative fuel powertrain systems, as well as fuel cell and hybrid technologies. The company, which also manufactures powertrain instrumentation and test systems, guarantees close cooperation with customers by affiliates and local offices worldwide. AVL's North American Headquarters is located in the Detroit suburb of Plymouth, Michigan.

SPONSOR WEB SITE www.avl.com


 **UNITED STATES ENVIRONMENTAL PROTECTION AGENCY** EPA's mission is to protect human health and to safeguard the natural environment—air, water, and land—upon which life depends. For more than 30 years, the EPA has been working for a cleaner, healthier environment for the American people. Additionally, EPA supports environmental education projects (www.epa.gov/teachers/grants.htm) that enhance the public's awareness, knowledge, and skills to make informed decisions that affect environmental quality.

 **DEPARTMENT OF TRANSPORTATION UNITED STATES OF AMERICA** U.S. Department of Transportation (DOT) mission is to develop and administer policies and programs that contribute to providing fast, safe, efficient, and convenient transportation at the lowest cost consistent with the national objectives of general welfare, economic growth and stability, the national security and the efficient use and conservation of resources in the United States. The R&D programs in DOT support the development and implementation of technologies to support this mission and improve the nation's transportation systems and ensuring safety of all transportation operations. DOT employs almost 60,000 people across the country, led by the Secretary of Transportation and the following operating

administrations and bureaus: Federal Aviation Administration, Federal Highway Administration, Federal Motor Carrier Safety Administration, Federal Railroad Administration, Federal Transit Administration, Maritime Administration, National Highway Traffic Safety Administration, Research and Innovative Technology Administration and Pipeline, Hazardous Materials Safety Administration, Saint Lawrence Seaway Development Corporation, and the Surface Transportation Board. The newly created Research and Innovative Technology Administration (RITA) enables the Department to more effectively coordinate and manage the Department's research portfolio and expedite implementation of cross-cutting innovative technologies.

SPONSOR WEB SITE www.dot.gov

GOLD SPONSORS

 **NATIONAL SCIENCE FOUNDATION** The National Science Foundation (NSF) has been a long-time supporter of the U.S. Department of Energy's advanced vehicle technology competitions. In addition to providing financial support to Challenge X, each year the NSF provides two \$15,000 awards to faculty members who have made significant contributions to the goals of the Challenge X program and to engineering education. This year will be the eighth year for the outstanding faculty advisor(s) award sponsored by NSF.

NSF is an independent federal agency that supports fundamental research and education across all fields of science and engineering, with an annual budget of nearly \$5.58 billion. NSF funds reach all 50 states through grants to nearly 2,000 universities and institutions. Each year, NSF receives about 42,000 competitive requests for funding and makes about 9,800 new funding awards. The NSF also awards over \$425 million in professional and service contracts yearly.


SPONSOR WEB SITE www.nsf.gov

 **bp** BP has transformed: growing from a local oil company into a global energy group, employing over 100,000 people and operating in over 100 countries worldwide. In addition, the company is committed to making a positive contribution and has taken a leadership role toward a cleaner environment.

BP delivers cleaner-burning and lower-emissions fuels to more than 115 cities worldwide that have serious air quality problems. As vehicle technology continues to advance, fuels and lubricants must also change to keep pace with the new technology. Several years ago, BP introduced ECD® an emissions control (ultra-low sulfur) diesel fuel that helps sulfur-sensitive control systems operate effectively. BP is supplying a wide spectrum of fuels to the Challenge X teams, including biodiesel (B20), ethanol (E85), and Hydrogen.

SPONSOR WEB SITE www.bp.com

SILVER SPONSORS

 **COBASYS** Cobasys is committed to bringing advanced, integrated energy storage system solutions into widespread commercial production for transportation and stationary applications. Our vision is to be recognized as the world's most admired energy storage solutions company.

Cobasys offers complete plug-and-play NiMHax® system solutions for Hybrid Electric Vehicles (HEV), Electric Vehicles (EV), Heavy Duty Vehicles (HDV), and 42-volt applications. Our patented Nickel Metal Hydride (NiMH) technology and NiMHax(r) battery systems have been proven over millions of miles or real-world use in cars, trucks, and buses. Cobasys is also developing battery solutions for Uninterruptible Power Supply (UPS), Telecom stationary power systems, and Distributed Generation Systems. NiGUARD®, NiCOM®, and NiGEN® battery systems can be easily configured to provide the power and energy you require. Our NiGUARD® solutions offer owners a durable, reliable back-up power system that provides long life over a wide range of environmental conditions and in one-third the space of conventional lead acid batteries.

Cobasys is a joint venture between Chevron Technology Ventures LLC, a subsidiary of Chevron Corporation and Energy Conversion Devices. Cobasys headquarters is located in Orion, Michigan, and our main facility for complete module manufacturing and system assembly is located in Springboro, Ohio.

SPONSOR WEB SITE www.cobasys.com

 **Chevron** Chevron is an integrated global energy company participating in virtually all aspects of the global energy business. It is the second largest U.S.-based energy company and the fifth largest in the world. Chevron's 47,000 employees work in approximately 180 countries around the world, producing oil and natural gas and marketing fuels and other advanced energy products. Chevron, through Chevron Technology Ventures, is involved with identifying, developing, and commercializing new and emerging technologies and new energy systems that promise to play an increasingly important role in the world's energy mix and environmental stewardship. Such activities include fuel processing, hydrogen infrastructure, and advanced batteries. Technology Ventures is actively engaged in developing and commercializing several key enabling technologies through internal development, joint ventures, and equity investments to create new market opportunities for the next generation of clean, efficient energy systems.

SPONSOR WEB SITE www.chevron.com/technologyventures



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Johnson Controls – Saft
Advanced Power Solutions

Johnson Controls – Saft Advanced Power Solutions (JCS) offers a full range of EV and HEV battery products for global automakers, including state-of-the-art lithium ion and nickel metal hydride battery systems. JCS combines the unsurpassed resources of Johnson Controls, the world's leading battery and interior systems supplier to the Automotive industry, and Saft, the foremost developer and provider of advanced batteries for high demand users. JCS offers its customers an unequaled worldwide capability for product development, engineering, design, and high volume manufacturing. Let us help you develop the best solution to your EV and HEV needs. Give us a call at US 414-524-3643 and see what our engineering and manufacturing teams can do for you today.

SPONSOR WEB SITE www.johnsoncontrols.com

BALLARD® At Ballard Power Systems, our vision is Power to Change the World®. We are the world leader in developing and manufacturing zero-emission proton exchange membrane fuel cells for transportation, stationary, and portable applications. We also sell electric drives, power converters, and friction materials for power train components.

Ballard is working with many of the world's leading auto manufacturers to develop the next generation of efficient and clean engines for the world's vehicles. These include transit buses, automobiles, and trucks using Ballard® fuel cells, fuel cell engines, and electric drives to form complete fuel cell power trains. With extremely low, or zero emissions, Ballard® fuel cell engines are ideally suited to the environmental performance demanded of the new generation of automotive power, with the added advantage of being cleaner, quieter, and more efficient than the internal combustion engine.

Ballard's focus on the transportation market is to drive product innovation, cost reduction, and the development of volume manufacturing processes. Ballard, together with its customers, has demonstrated the suitability of proton exchange membrane (PEM) fuel cells as the best alternative to internal combustion engines for automotive power and reaffirmed Ballard's leading position in this large market.

SPONSOR WEB SITE www.ballard.com



The world's largest tire maker, Michelin manufactures and sells tires for every type of vehicle, including airplanes, automobiles, bicycles, earthmovers, farm equipment, heavy-duty trucks, motorcycles, and the space shuttle. The company also publishes travel guides, maps, and atlases covering Europe, Asia, Africa, and North America. Headquartered in Greenville, S.C., Michelin North America employs 23,920 and operates 21 plants in 17 locations.

SPONSOR WEB SITE www.michelin-us.com



Sensors, Inc., is the leading manufacturer of portable emissions test systems for real-world applications. Our products reflect an engineering focus on innovation, timeliness, and quality, as well as the latest manufacturing techniques. Sensors, Inc., also provides solutions for engine test cells, end-of-line testing, and comparison studies of after-treatment devices and fuel additives. Technologies include NDIR, NDUV, and FID for gaseous measurements; pressure differential for total exhaust flow and mass measurement of particulate using a quartz crystal microbalance technique; and partial dilution sampling systems. The SEMTECH product line includes in-use diesel and gasoline engine test systems (SEMTECH-D, SEMTECH-G, and SEMTECH EFM). Sensors' headquarters houses administrative, engineering, and manufacturing facilities and is located in Saline, Michigan.

SPONSOR WEB SITE www.sensors-inc.com



dSPACE is a market innovator and leading producer of engineering tools for embedded controller development. We provide integrated systems for prototyping control algorithms, automatic production code generation, controller testing, controller calibration, and engineering support services. We look forward to participating in the Challenge X competition as an opportunity to empower student engineers to quickly develop innovative solutions to the challenges of reduced emissions, increased performance, and driver satisfaction. Our robust and comprehensive ECU development environment can dramatically reduce development time and costs while providing increased flexibility for continuous modifications throughout the process. Today, more than 12,000 dSPACE systems are in use worldwide, serving customers in the automotive, aerospace, agricultural, educational, engineering, robotics, and noise & vibration industries.

SPONSOR WEB SITE www.dspaceinc.com



As the national trade association for the U.S. ethanol industry, the Renewable Fuels Association (RFA) promotes policies, regulations, and research and development initiatives that will lead to the increased production and use of fuel ethanol. RFA membership includes a broad cross-section of businesses, individuals, and organizations dedicated to the expansion of the U.S. fuel ethanol industry.

Organized in 1981, RFA serves as the voice of the ethanol industry, providing advocacy, authoritative analysis, and important industry data to its members, Congress, federal and state government agencies, strategic partners, the media, and other opinion-leader audiences.

SPONSOR WEB SITE www.ethanolRFA.org

BRONZE SPONSORS



Vector is a recognized pioneer in the development of CAN, FlexRay, and LIN development tools and embedded software components. Our tool suite includes CANoe for network development through testing; CANalyzer for network analysis; and CANape Graph for measurement, calibration, and diagnostics. Vector is also the official software provider of GMLAN, DC Embedded, and FNOS. With over 15 years of experience, Vector provides an international presence with offices in Europe, North America, and Japan.

Vector is proud to be a sponsor of the ChallengeX program. Universities use Vector tools throughout the world to educate the future engineering leaders for the industry challenges of today and the future.

SPONSOR WEB SITE www.vector-cantech.com



Dana Corporation is a global leader in the design, engineering, and manufacture of value-added products and systems for automotive, commercial, and off-highway vehicle manufacturers and their related aftermarkets. Delivering on a century of innovation, the company's continuing operations employ approximately 45,000 people worldwide dedicated to advancing the science of mobility. Founded in 1904 and based in Toledo, Ohio, Dana operates hundreds of technology, manufacturing, and customer service facilities in 30 countries. The company reported sales from continuing operations totaling \$7.9 billion in 2003.

SPONSOR WEB SITE www.dana.com



For more than 80 years, Caterpillar, Inc., has been building the world's infrastructure and, in partnership with its worldwide dealer network, is driving positive and sustainable change on every continent. With 2005 sales and revenues of \$36.34 billion, Caterpillar is a technology leader and the world's leading manufacturer of construction and mining equipment, diesel and natural gas engines, and industrial gas turbines.

SPONSOR WEB SITE www.cat.com



Intrepid Control Systems, Inc., has been delivering vehicle development tools to major OEMs and their suppliers for over 10 years. Our premier products include neoVI, neoVI Pro, ValueCAN, and Vehicle Spy software. They have been helping vehicle, aeronautic, and marine engineers for over a decade. We pride ourselves on not only our products, but also the high level of service and support that we offer to our customers.

Intrepid Control Systems has put considerable time and effort into General Motors new higher level protocol called GMLAN. Our Vehicle Spy software includes many integrated diagnostic features that enable someone with little or no knowledge of GMLAN to complete highly complicated request and decoding of GMLAN diagnostics.

At Intrepid Control Systems, we make vehicle networks simpler.

SPONSOR WEB SITE www.intrepidcs.com



UGS is a leading global provider of product lifecycle management (PLM) software and services with nearly 4 million licensed seats and 46,000 customers worldwide. Headquartered in Plano, Texas, UGS' vision is to enable a world where organizations and their partners collaborate through global innovation networks to deliver world-class products and services while leveraging UGS' open enterprise solutions, fulfilling the mission of enabling them to transform their process of innovation.

SPONSOR WEB SITE www.ugs.com



MotoTron Corporation is the leader in production code generation on the target controller and is the supplier of MotoHawk model-based software development to many of the Challenge X teams. MotoTron Corporation supplies electronic systems, tools, and controller hardware to the automotive, marine, industrial, recreational, power generation, and aviation industries. MotoTron enables its customers to use its tools (including MotoHawk) to be electronic system integrators for the following applications:

- Gasoline Engine and Transmission Control
- Diesel Engine/Emissions Control
- Integration - Multiplexing/CAN Based Control
- MathTronics™ high-reliability control software development process
- MotoHawk™ model-based software development system
- ControlCore™ autocode-enabled embedded software framework
- Rugged ECUs (electronic control units) for rapid prototyping and production

SPONSOR WEB SITE www.mototron.com



XM Satellite Radio, Inc., a publicly traded company headquartered in Washington, D.C., is the leading satellite radio provider with more than 1.6 million subscribers. General Motors was the first automaker to offer factory-installed XM Satellite Radio, which is currently available in more than 40 GM models for 2004.

Broadcasting live daily from studios in Washington D.C., New York City, and Nashville at the Country Music Hall of Fame, XM's 2004 lineup features more than 120 channels; 68 commercial-free music channels; 33 channels of premier sports, talk, comedy, children's and entertainment programming; and the most advanced traffic and weather information for major markets nationwide.

XM Satellite Radio programming, with more than 120 channels, CD-like quality, and coast to coast coverage, includes original music and talk channels created by the company's dedicated in-house programming team and by leading national brand-name content providers. XM Satellite Radio's programming partners include Sesame Workshop, NASCAR, MSNBC, Associated Press, CNBC, BBC World Service and BBC Concerts, Radio One, The Sporting News, CNN, Bloomberg, C-SPAN Radio, Clear Channel, Discovery, and MTV.

General Motors has produced more than one million XM Satellite Radio-enabled vehicles.



CHALLENGE X SPONSORS



OnStar, a wholly owned subsidiary of General Motors, is the nation's leading provider of in-vehicle safety, security, and communication services using wireless technology and the Global Positioning System (GPS) satellite network. OnStar is available on more than 50 GM models for 2006. By the end of 2007, OnStar will be a standard feature for GM's retail customers in the United States and Canada, covering all segments and prices except for some commercial vehicles. OnStar safety and security services include automatic notification of air bag deployment, stolen vehicle location assistance, emergency services, roadside assistance, remote door unlock, and GM Goodwrench remote vehicle diagnostics. OnStar Hands-Free Calling allows drivers to make and receive hands-free, voice-activated calls from their vehicle. More information about OnStar can be found at www.onstar.com.



Gamma Technologies is the developer of GT-SUITE, a top-quality CAE software for the engine, powertrain, and vehicle industries. GT-SUITE is an integrated CAE program for design analysis of engines. The most unique feature of this highly advanced tool is that it is contained in a single application—a new paradigm in engine simulations. There are six components in GT-SUITE with the following main capabilities:

- GT-POWER: Engine simulation for performance and acoustics analysis, with full control capabilities
- GT-DRIVE: Vehicle performance and cycle analysis for fuel economy and emissions, as well as driveline component dynamics
- GT-VRAIN: Valvetrain kinematics, dynamics and tribology, camshaft vibrations, chain/gear drives, cam design
- GT-FUEL: Injection system pressure and flow dynamics, hydraulic system analysis
- GT-COOL: Engine heat management and cooling system analysis
- GT-CRANK: Crankshaft dynamics and torsional vibrations, engine balance, block vibrations, mounts, bearing oil films

SPONSOR WEB SITE www.gtisoft.com



Maxwell is a leading developer and manufacturer of innovative, cost-effective energy storage and power delivery solutions.

Our BOOSTCAP® ultracapacitor cells and multi-cell modules and POWERCACHE® backup power systems provide safe and reliable power solutions for applications in consumer and industrial electronics, transportation, and telecommunications.

Our CONDIS® high-voltage grading and coupling capacitors help to ensure the safety and reliability of electric utility infrastructure and other applications involving transport, distribution, and measurement of high-voltage electrical energy.

Our radiation-mitigated microelectronic products include power modules, memory modules, and single-board computers that incorporate powerful commercial silicon for superior performance and high reliability in aerospace applications.

PRODUCTS

- Ultracapacitors for energy storage and delivery of rapid bursts of power for applications ranging from consumer and industrial electronics to hybrid electric buses, trucks, and autos
- Microelectronics for space and military applications requiring high reliability in radiation-intense environments
- High Voltage Capacitors for electric utility switchgear, CVT, and laboratory applications

SPONSOR WEB SITE www.maxwell.com



Igus, Inc., develops and manufactures industry-leading, plastic-based cable carriers, continuous-flex cables, and plain and linear bearings. With more than 28,000 products, the company markets its Energy Chain Systems® to guide and protect moving cables and hoses;

Chainflex® cables designed specifically for use in Energy Chain Systems; iglide® self-lubricating, oil-free, plastic bearings; DryLin® linear guide systems; and igubal® spherical bearings worldwide. Igus fosters the mechanical design ideas of students by offering free product donations in conjunction with its Y.E.S. (Young Engineers Support) Program. The program aims to not only support students and engineers, but also to educate them on the merits and benefits of plastic components. For more information about the Y.E.S. Program, please visit www.igus.com/yesprogram.

SPONSOR WEB SITE www.igus.com



Hydrogenics is a world leading developer and manufacturer of hydrogen and fuel cell systems and test equipment for fuel cells. Hydrogenics Power Systems group currently maintains an early market focus, offering high-performance HyPM® fuel cell power products for a range of applications that today target light mobility and backup and auxiliary power. As a pathway to tomorrow's larger commercial power markets, these early niche markets have the potential to change the way the world makes and uses energy for the benefit of future generations—offering clean and sustainable solutions that don't compromise the performance and reliability that our growing energy needs demand.

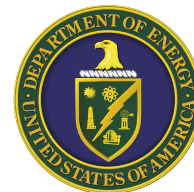
SPONSOR WEB SITE www.hydrogenics.com



First Technology's Automotive & Special Products division supplies inertia switches, sensors, and over-current thermal protection products to automotive and

industrial customers worldwide. Our products focus on essential safety, performance, and driver convenience areas. We are pleased to support the teams of Challenge X with fuel cut off inertia switches. Visit us at www.firsttech.com.

HEADLINE SPONSORS



The U.S. Department of Energy (DOE), through Argonne National Laboratory, provides overall competition management, team evaluation, and technical and logistical support. Challenge X is the premier DOE-sponsored student vehicle competition.

DOE launched its student vehicle competition program in 1989 to demonstrate and test technologies developed in laboratories. By combining the next generation of technical innovators with emerging advanced transportation technologies, the Challenge X competition helps ensure a sustainable, environmentally responsible transportation future. DOE and its network of national laboratories maintain an aggressive research and development program in advanced vehicle technologies, including fuel cells, energy storage, hybrid systems, advanced materials, alternative fuels, and heat engines. The Challenge X mirrors much of this research and demonstration activity.

DOE works to develop new technology to improve vehicle efficiency and lessen our dependence on foreign oil.

Close to 20,000 students have received hands-on engineering experience in these competitions. Many of them have moved on to take jobs in the automotive industry, bringing with them an understanding of and enthusiasm for advanced vehicle technologies.

SPONSOR WEB SITE U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, FreedomCAR and Vehicle Technologies Program – www.eere.energy.gov/vehiclesandfuels

Argonne National Laboratory Transportation Technology R&D Center – www.transportation.anl.gov



Over the past fifteen years, General Motors (GM) has joined the U.S. Department of Energy (DOE) to sponsor several successful student engineering competition programs. Recently, GM and DOE have teamed up as headline sponsors of Challenge X:

Crossover to Sustainable Mobility, the latest advanced vehicle technology competition program.

The three-year competition, modeled after the General Motors global vehicle development process, brings students into the real world of vehicle development and better prepares to make a faster contribution to the engineering profession and the automotive industry. Each participating university team will re-engineer a new 2005 Chevrolet Equinox, with three basic goals: reduce energy consumption, decrease emissions, and maintain the performance and utility features of the stock vehicle.

GM donated a new 2005 Chevy Equinox crossover vehicle to each of the university teams at the end of the first year of the competition, plus two control vehicles. GM also provided each university team \$10,000 in seed money and has donated use of its engineering, testing, and proving ground facilities for student workshops and competitions. Finally, GM has provided highly controlled access to its intellectual property, staff support (including a program manager, team mentors, and event judges) and communications support for the competition series.

General Motors Corp. (NYSE: GM), the world's largest automaker, has been the global industry sales leader for 75 years. Founded in 1908, GM today employs about 327,000 people around the world. With global headquarters in Detroit, GM manufactures its cars and trucks in 33 countries. In 2005, 9.17 million GM cars and trucks were sold globally under the following brands: Buick, Cadillac, Chevrolet, GMC, GM Daewoo,

Holden, HUMMER, Opel, Pontiac, Saab, Saturn, and Vauxhall. GM operates one of the world's leading finance companies, GMAC Financial Services, which offers automotive, residential, and commercial financing and insurance. GM's OnStar subsidiary is the industry leader in vehicle safety, security, and information services. More information on GM can be found at www.gm.com

