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SAE Congress 2008

The Society of Automotive Engineers World Congress takes place in our hometown of Detroit, so from April 14th through 17th this spring, you'll find us at booth #1013. Besides stopping by for specialized giveaways, make sure to see our latest product demos, new products, and success as a continuously participating vehicle network device.

Dearborn Group has long been an active participant in SAE--several employees are committee chairs, vice-chairs, and members and participate in over thirty committees, so you can feel confident that we have our finger on the pulse of the industry.

This will be Dearborn Group's ninth year organizing the In-Vehicle Networks technical session (AE1). Organizers are responsible for reading through and accepting submitted papers for their session. This is a two-part electronics session which runs in the morning and afternoon on Monday, April 14th.

FlexRay Products and Classes Now Available

DG Technology develops and markets innovative products and services, and our emerging FlexRay technology offerings are no different. DG Technology, in exclusive North American partnership with TZ Mikroelektronik GmbH (TzM), now offers over twenty FlexRay products, support, consulting, and classes to better design, analyze, validate, test, and develop FlexRay solutions. Among the pioneers in the field of the bus system FlexRay, TzM has developed and produced hardware platforms for the evaluation and use of FlexRay in many different customer projects.

In order to fulfill the requirements of active safety systems used by vehicle networks, the FlexRay consortium developed FlexRay with particular attention to time-determinism and fault tolerance. Today, automotive manufacturers BMW, DaimlerChrysler, General Motors, Ford, and Volkswagen as well as Bosch, Motorola and Philips Semiconductors are core FlexRay consortium partners.

In addition to our FlexRay products and consulting, we offer classes at our site or yours. Our training dates in the first half of 2008 are April 15*, April 17th*, and June 11th. Visit dgtech.com to register, or contact sales@dgtech.com for a custom class at your location.

*SAE Congress Week special; attendees save 10%.

Announcing the DPA 4 Plus

Our DPA 4 Plus is the fastest, most reliable, and most durable hardware adapter on the market anywhere, even exceeding specifications for the U.S. Military!

Our DPA 4 Plus is used to interconnect vehicle communication networks and computers, and supports applications from Allison, Bendix, Caterpillar, Cummins, Detroit Diesel, Eaton, Freightliner, International, Mack, Meritor-WABCO, Vansco and Volvo, among many others, including automotive OEM standards and applications.

Supported Protocols: CAN (ISO11898), GMLAN, ISO11898 (CAN), J1587, J1708, J1850 GM (Class 2), J1922, J1939, J1979, J2284, J2411 (GM SWCAN), ALDL, Windows 98/Me/NT/2000/XP/Vista.

Supported APIs: RP1210 & Compliant Drivers, C library API for Windows and LabVIEW.



The New Px2

Our rugged Px2 vehicle diagnostics tool is our latest economical, multi-protocol hardware interface, designed to communicate with many popular OBD II vehicle diagnostic networks. It includes J2534 and J1979 APIs for reprogramming and pass-through diagnostics. This versatile tool communicates with a PC by use of a USB port.

Supported Protocols and APIs: CAN (Canbus), ISO11898-2 (CAN), J1939, J2284, J1979 API, ISO15765, J2534 API, ISO9141-2, KWP2000 (ISO14230), VBAT.

Hercules 2008 Coming Soon

Coming soon, Hercules 2008 is our graphical user interface software package for use with our Gryphon family of products, and includes a popular and complete suite of features for vehicle network activity including CAN analysis, flight and data recording, and diagnostics. It also includes many new features, including the ability to highlight information based on specific data elements or time changes, and reverse engineering of DBC files from its in-place monitor. It also now includes LIN 2.0 functionality.

In its seventh year of production and version releases, each time incrementally improving our product, Hercules 2008 is one of the most stable and full-featured analysis and diagnostic tools available. Backed by DG's twenty years in the vehicle network industry and tested by our quality assurance group, rest assured that Hercules 2008 will exceed your expectations in its abilities and value.



Say Hello to an Old Friend, Redesigned: the Gryphon 2

DG Technology's 4th Generation GRYPHON® vehicle network tool, the Gryphon 2 is loaded with the very latest capabilities. Our GRYPHON® 2 is a hardware adapter that provides remote connectivity for multiplexed automation and automotive communication networks. GRYPHON® 2 doesn't require any programming and is ready to run out-of-the-box as a stand-alone product. It uses an Ethernet connection to provide a high-speed user interface. Users can interface to the GRYPHON® 2 by either using Dearborn Group's Hercules high performance software or writing their own applications using the provided C++ libraries.

The GRYPHON® 2 is unique to the industry in that it has three expansion slots that allow the user to install numerous optional plug-in modules designed to support specific protocols. The benefit of this capability includes the ability to support multi-client connections (e.g., running two client connections – one Hercules application and one user-written test application). In fact, GRYPHON® 2 can test up to twelve ECU's simultaneously by the use of our unique architecture of running four CAN systems on a single card!

GRYPHON® 2 has Ethernet, WiFi & multiple USB ports for capturing and sharing associated image data during testing. Your ideas are the only limitation with the GRYPHON® 2!

Supported Protocols: CAN (canbus), GMLAN, GMUART, Honda, ISO9141-2, ISO11898 (CAN), ISO11992, ISO15765, J1850 GM (Class 2), J1850 Ford (SCP), J1850 DCX, J1939, J1962, J2284, J2411

New Sales Engineer for Latin America

Dearborn Group Technology would like to welcome Carlos Arias, our new Sales Engineer, as our most recent addition to the customer sales and support team. Carlos has come on-board to assist in providing improved customer, technical, and application support for our customers in Mexico, Central America and South America.

Carlos brings his engineering and systems integration experience in the automotive industry to this new position. His experience includes engineering management, team leadership, international customer liaison functions, and design engineering.

For further information, please feel free to contact Carlos directly.

Contact information

Carlos Arias - Sales Engineer

carlos@dgtech.com

From the United States:

Tel: +52 614.266.5390

Fax: +52 614.200.6720

Cell: +52 1 614.345.8112



IN THE NEWS

Our commitment to Michigan recently earned us some attention from state officials and local media. We received economic development grants from both local and state government to help fund a relocation and expansion, and others took notice. This expansion means more quality products and services for our customers. The *Oakland Business Review* featured us in an article about the expansion, which can be found at http://www.dgtech.com/pdfs/IndustryNews/OBRReprint_DearbornGroupnewedit.pdf.

A local television station also featured us in a piece on successful businesses in Farmington Hills, Michigan. The film gives a good impression of DG's current commitment and vision for the future.

INSIDE DG

Dearborn Group is committed to not only providing a great experience for our customers, but for our employees as well. We have several long-standing traditions, such as the holiday pizza party and white elephant gift exchange, and the yearly camping and canoe trip (with delicious steak at the end!). Recently we started what is sure to become a new tradition, the Chili Cookoff.

There were thirteen entries and everyone voted for their favorite. By the end of the lunch hour everyone was stuffed and the winners were smiling. Who says that engineers can't cook?



Phone 248-488-2080 • Fax 248-488-2082
dg@dgtech.com • www.dgtech.com



27007 Hills Tech Court, Farmington Hills, MI 48331

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