



## Link Testing Services Holds a Grand Opening of the New Vehicle Testing Facility in Allen Park

On November 13 LINK held an open house to celebrate the opening of the new Allen Park facility that focuses on vehicle testing. There was an excellent turn-out with visits by numerous customers from throughout the Detroit area. Attendees were treated to a tour of the 27,000 square foot facility and demonstrations of key technologies for vehicle testing. With over 100 attendees, this event was an outstanding success and provided an excellent opportunity for our customers to see the outstanding capabilities and technology available to them at this new facility.



Link Testing offers a wide range of vehicle testing services and all of these will be supported in this new location. With this facility LINK will continue to provide industry standard tests

such as Detroit Suburban Traffic (DST) tests, regulatory testing such as FMVSS 135 or R90, and proprietary testing for specific customers. In addition, a full range of other services are offered including management rides, benchmarking, and the development of new test procedures. With secured agreements for access to specialized proving grounds in the US and Europe, LINK can provide a wide range of customized test capabilities.

For further information about this facility or other items related to vehicle testing please feel free to contact Terry Ledwidge at +1 (313) 933-4900 or [sales@linktestlab.com](mailto:sales@linktestlab.com).

### Introducing New Vehicle Systems Sales Engineer



We are pleased to announce a new addition to our Vehicle Systems Product Sales and Support Team. Joe Burchill will be assuming the responsibilities of Vehicle Systems Sales and Support from Paulette Rossmann. Paulette will continue to be an

active member of our Sales Team by focusing on Chassis Dynamometers and new product developments.

Feel free to contact Joe or Paulette with any questions or concerns you may have regarding this transition. Joe is excited to assume this role and is looking forward to working with each of our In-Vehicle customers. Please help us to welcome Joe into his new role!

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#### Holiday Office Closing

**Link Engineering's offices will be closed Monday and Tuesday, December 24th & 25th and Monday and Tuesday, December 31st & January 1st.**

## Changes in Responsibility for Key Personnel

Roy Link recently announced the following changes in responsibility for key personnel at Link.


### **John Czarnik – Executive Vice President of Link Engineering**

John will continue to have overall responsibility for manufacturing, facilities and operations for all Link companies. John will work with Matt Link to assess and redefine our manufacturing methods to optimize our products, processes and costs as we move forward in this global workplace.

### **Matthew Link – General Manager of Link Engineering**

Matt will assume the responsibility for all operations related to the manufacture and supply of products at Link Engineering in Plymouth and will report to John Czarnik. This shall include all acquisition and manufacturing operations related to Link products. Matt will also act as Procurement Director over the next several months.

### **Frank Swica – Purchasing Manager of Link Testing Services**

Frank will oversee all procurement activities for our test operations. Frank will bring his vast experience in setting up the purchasing operation at Link Engineering to formalize purchasing operations for all laboratory and vehicle test operations. 

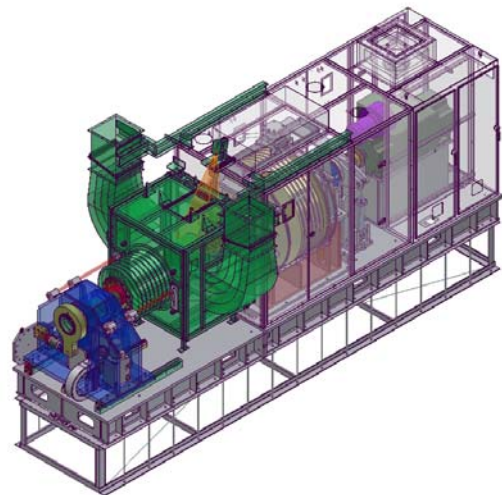
### *Holiday Greetings*

Once again we near the completion of another year with much to be grateful for. The Link Engineering family thanks all our customers and team members around the world. We have added several new products, a new laboratory in the Detroit area, and several key team members. We have had the opportunity to work with many new customers in new locations. The pace of activities as we enter the holiday season gives us much to look forward to in 2008. We extend our best wishes for the holidays and the New Year to one and all.


## Model 6900 Truck Dynamometer

We are proud to unveil the new Model 6900 Truck Brake Dynamometer. This machine was a complete redesign to truck dynamometers, incorporating the latest technical design enhancements from our automotive-sized machines. These improvements will provide increased productivity and user access and include the following:

- Brake enclosure accommodates vehicle tire
- Hinged brake enclosure to provide full access to test fixture
- Large motor to provide inertia simulation
- Fewer inertia discs required with the use of I-Sim
- Tapered inertia shaft and inertia disc mounting



Optional systems include:


- Static torque system (partial or continuous rotation)
- Thermal imaging camera
- Environmental conditioning unit for controlled thermal testing
- Hydraulic oil brake apply system 

## **Link Engineering Manufacturing – Part of Link’s Integrated Customer Services**

All too often, we take for granted our manufacturing capabilities that provide the excellent dynamometers for our customers. Unlike many in the test equipment business, Link Engineering is very vertically integrated. That is, we design and manufacture the majority of our dynamometers and test stands in house. We do buy motors and transducers, but the vast majority of the other components and assemblies that go into our test products are manufactured at LINK.

The range of LINK’s capabilities includes circuit board design, sheet metal fabrication, computer

controlled machining, custom painting, assembly, balancing, and many more related skills and technologies.

We are always pleased to provide tours of our ISO 9000:2000 certified manufacturing facility. We are proud of our capabilities, professionalism, quality, and the high level of technology we offer. If you are in the area, please make arrangements for a visit and we will be happy to show you around. 

## **Introduction to Brake Dynamometer Testing Seminar Held at Link**

Due to the expansion of business, Link (China) relocated its office in November to accommodate additional personnel and a new conference room. This new conference room was put to good use during the recent Introduction to Brake Dynamometer Testing held December 11.




This introductory seminar is a new initiative for Chinese customers to accelerate their training in the ProLink software package and dyno operations as part of the support LINK provides for new customers. Ideally this seminar is scheduled to occur just before new customers travel to the US for formal training courses.

The introductory seminar is conducted by Mr. Ricky Zhou, our System Support Engineer. Ricky supports our customers in China with technical solution and training programs.

We are looking forward to increasing our local technical support and adding value for Chinese customers. The initial reaction to this program has been outstanding. As one customer noted, “This introductory program demonstrates Link’s

commitment to Chinese customers and the ability to bring the Link technical know-how one step closer to the customers it serves. This will certainly be one of the key reasons we will consider purchasing equipment from Link.”

One of the participants in this program was Lio Ho, a new customer for LINK. They are a premium brake rotor supplier in China who purchased the Link Model 3000 dynamometer with a DTV measurement system. They will be coming to the US in January for training. 

## Link-Radlinski Participates in Highway Safety Initiatives



Working with the Commercial Vehicle Safety Alliance (CVSA), a non-profit organization of highway safety professionals and commercial

vehicle inspectors in the US, Canada and Mexico, Link-Radlinski, Inc. participates in a number of activities aimed at improving highway safety.

In September, during CVSA's Brake Safety Awareness Week, Link-Radlinski provided staff and performance-based brake testers (PBBTs) to several states to assist them with commercial vehicle inspections and to demonstrate the benefits of using PBBTs to increase the efficiency of roadside inspectors. Brakes continue to be the number one commercial vehicle defect found in accidents and the number one reason for vehicles being placed out of service during roadside inspections. Unfortunately, the currently used visual inspection procedures are very time consuming and as a result only a small percentage of commercial vehicles on the road are inspected every year. Visual inspections also miss many brake defects that can also only be determined by a device that measures individual wheel brake forces. During Brake Safety Awareness Week one



state using two Link-Radlinski PBBTs, was able to inspect over 100 vehicles in a single shift—over 5 times more efficient than a typical under-vehicle visual inspection.

Link-Radlinski joined with other

PBBT manufacturers to encourage CVSA to implement test procedures and performance criteria for using PBBTs in roadside safety inspections. In November, the CVSA voting members approved the use of PBBTs to place vehicles out of service in the event that total vehicle brake force is not at least 43.5 percent of the vehicle weight. This is equivalent to a vehicle deceleration capability of 0.435g.



Link-Radlinski also participates on CVSA's Vehicle Committee. This committee develops and maintains all of the vehicle inspection procedures and the out-of-service criteria used for roadside inspections. Recent activities have included developing procedures for inspecting air disc brakes and ABS.

### CALENDAR OF EVENTS

**April 7-10, 2008—Mechanics of Heavy Truck Systems**  
Stellenbosch Lodge, Stellenbosch, South Africa  
[www.sarf.co.za](http://www.sarf.co.za)

**April 14-17, 2008—SAE World Congress**  
Cobo Center, Detroit, MI [www.sae.org/congress/exhibitions/](http://www.sae.org/congress/exhibitions/)

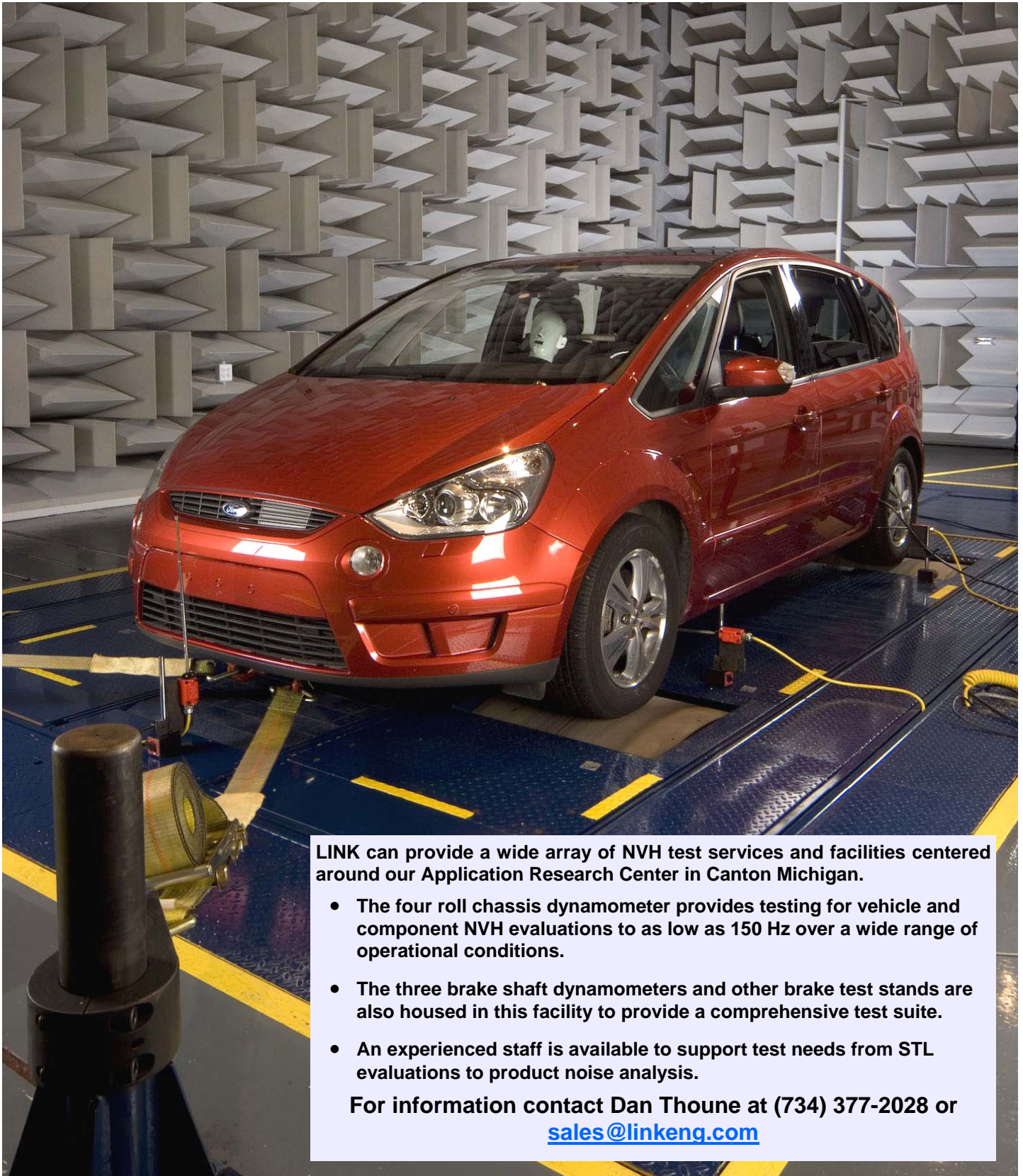
**September 17-19, 2008—Automotive Testing Expo China**  
Shanghai Everbright Convention & Exhibition Center, China [www.testing-expo.com/china/](http://www.testing-expo.com/china/)

**October 12-15, 2008—SAE Brake Colloquium**  
Grand Hyatt, San Antonio, TX [www.sae.org/events/bce/](http://www.sae.org/events/bce/)

**October 22-24, 2008—Automotive Testing Expo**  
Rock Financial Showplace, Novi, MI [www.testing-expo.com/usa/](http://www.testing-expo.com/usa/)



## A World Class NVH Facility to Support Your Testing Needs



**LINK can provide a wide array of NVH test services and facilities centered around our Application Research Center in Canton Michigan.**

- **The four roll chassis dynamometer provides testing for vehicle and component NVH evaluations to as low as 150 Hz over a wide range of operational conditions.**
- **The three brake shaft dynamometers and other brake test stands are also housed in this facility to provide a comprehensive test suite.**
- **An experienced staff is available to support test needs from STL evaluations to product noise analysis.**

**For information contact Dan Thoune at (734) 377-2028 or [sales@linkeng.com](mailto:sales@linkeng.com)**