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## **CMT Invited Into Membership of the Transportation Activity Safety Institute**



Over the past four decades, the number of injuries and fatalities per traveled mile has decreased significantly. However, over the past two decades these numbers have leveled off, indicating that new approaches will be needed in order to achieve additional reductions. Thus automotive suppliers have begun developing active safety products, whose goal is to prevent or mitigate crashes, as opposed to passive safety products like seat belts and airbags that provide protection only in a crash. TASI has been formed to assist the automotive industry in these areas.

TASI's purpose is to accelerate the development and introduction of active safety products into the market to help enhance vehicle safety and reduce automotive related fatalities, injuries and property damage. The 2005 economic cost of motor vehicle traffic crashes in the US was \$280 billion dollars. The projected Active Safety Market revenue for 2010 is estimated at \$2 billion dollars.

Active safety systems use sensors to continually monitor a vehicle's traffic environment and intelligent control systems to evaluate the situation and identify high-probability crash events. Using that information, these systems alert drivers to potentially dangerous situations, helping provide the time the driver needs to make an assessment and take action.

TASI was founded by a consortium led by Purdue School of Engineering and Technology (IUPUI). Paul Phipps, President of Comfort Motion Technologies, stated, "TASI will play a global role in maturing and standardizing active safety technology. We at CMT believe that TASI will develop common protocols, processes and testing activities and will provide enhanced research and testing services for vehicle manufactures and their suppliers."

Alan Rowley, Senior Vice President of Commercialization for CMT, stated "The financial and emotional costs of traffic crashes are high. Passive safety systems, specifically seatbelts and airbags, have significantly reduced the number of vehicle injuries and fatalities. To further enhance safety on the road, active safety systems must become the critical focus. At CMT we believe that our technology can be a critical element to any active safety system technology."

CMT's Vehicle Seat Multi-Position Software enhances the ergonomic value and function of existing power seat applications and automates subtle changes in the seat position, redistributing the occupant's weight. This reduces the occupant's stress load and relieves the pain caused by muscle fatigue and compression. Drivers arrive at their destination feeling refreshed and alert.

Based in Anderson, Indiana, Comfort Motion Technologies' mission is "Enhancing People's Lifestyles Through Innovative Technology." Please visit our web site at [www.comfortmotion.com](http://www.comfortmotion.com)