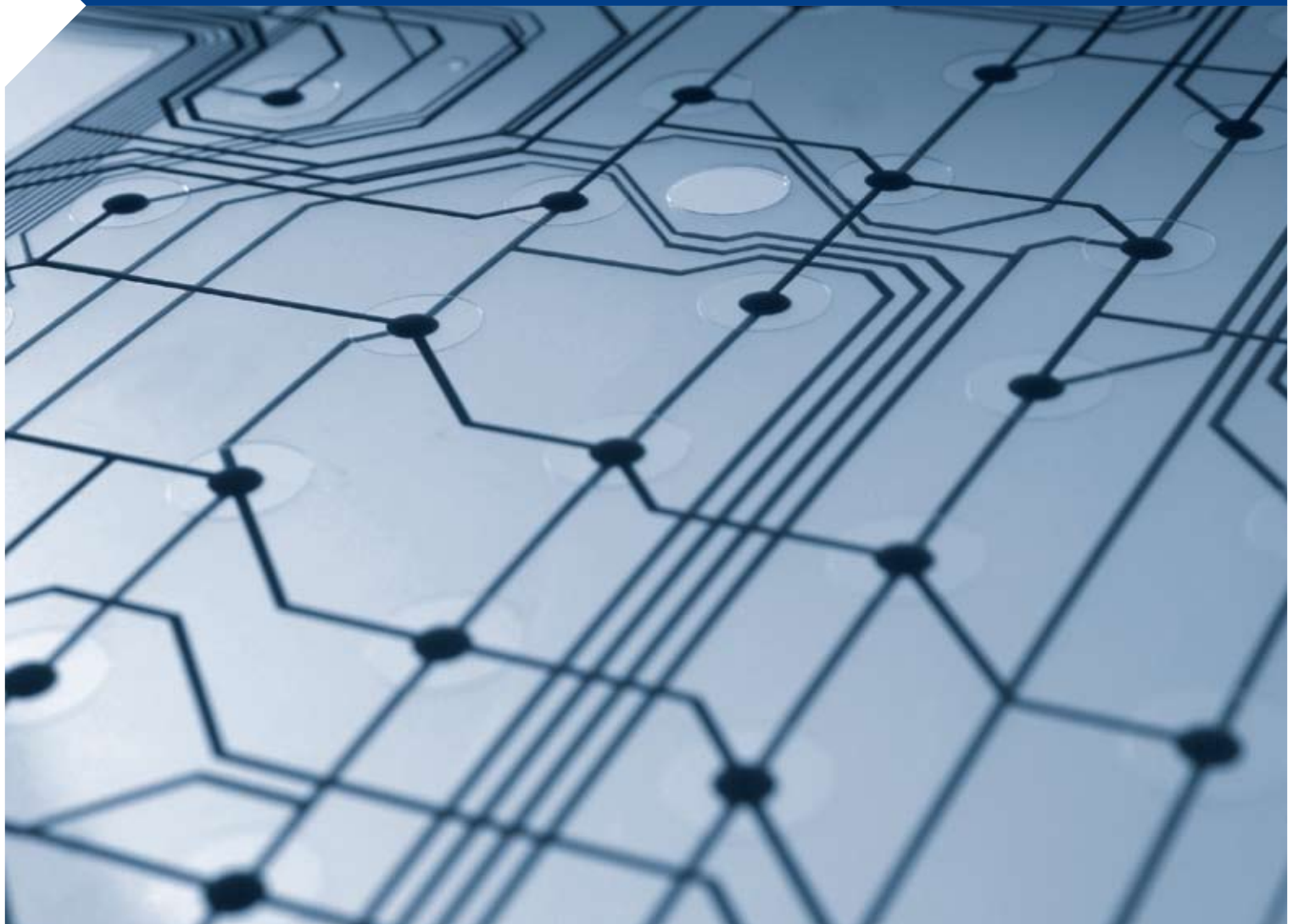




KONGSBERG
AUTOMOTIVE

Networking Intelligently

Electronic Control and Monitoring Systems



Electronics Product Range:

- Megalink™ CAN based multiplex development platform
- Multiplex Control Modules
- H-Bridge Vehicle Control Modules
- DC Switching Modules
- Digital Keypads
- Non-Contact Sensors
- CANtrak Multi-function Displays
- Configurable CAN Interface Modules
- GEM Software
- Electronic Program and Software Management

EXPERIENCE AND EXPERTISE

By integrating the skills and knowledge of our Megatech, Megalink™ and KAntrak™ brands, Kongsberg Automotive is able to offer industrial customers an unrivalled range of intelligent solutions for the control and monitoring of vehicle electronics.

The Megalink™ multiplex platform and associated hardware and software products provide flexibility and cost effective system solutions to the marketplace. From design inception through to final product manufacturing, Kongsberg Automotive emphasizes innovation, leveraging our proven development capabilities in applied technologies for the vehicular and industrial controls sectors.

With the KAntrak™ product line, Kongsberg Automotive applies exceptional engineering and software skills to deliver high quality integrated display and control solutions to a wide range of industries.



KAntrak™ PRODUCTS

Today's technology is capable of amassing detailed data on every aspect of engine and system function and performance. Our core business is finding innovative ways to transform that data into the information required to support good operator decisions in on and off-highway industrial applications.

At the heart of our solutions is a range of rugged, programmable CANbus and serial-compatible data acquisition human-machine interfaces (HMIs), designed to be used independently or with our analogue to digital conversion hardware for harsh environments.

To complement these hardware platforms, we provide state-of-the-art software tools, allowing our customers and our own engineers to create versatile display and monitoring solutions that meet the specific requirements of the most demanding applications.





MEGALINK™

Megalink™ is a new generation of multiplexing technology, designed to support electronic systems for transportation, vehicular and industrial applications.

Whether to speed up the design process, simplify complex architectures or simply use equipment more efficiently, Megalink™ is the perfect platform with which to empower electronics and give flexibility and control.

As well as offering the benefits of reduced wiring, improved reliability and simplified diagnosis and repair, Megalink™ is a fully flexible system that can be quickly and easily reconfigured to integrate client specific requests, adding real value to any application.

SERVICE AND COMMITMENT

Kongsberg Automotive has over 20 years of experience designing and developing electronic control and monitoring solutions. From our Electronics Centre of Excellence in Canada and our Facilities, Engineering & Sales offices around the world, we have the capability and resources to support our key customers wherever and whenever required.



Features:

Megalink™:

- Simplified connectivity and optimized equipment
- Highly modular and flexible, allowing fast deployment with reduced investment
- Robust and durable
- Fully programmable
- Compact and easily packaged into any environment

KAntrak™ Products:

- Rugged and durable
- Graphical high resolution FSTN LCD
- Fully IP67 sealed
- Data logging/diagnostic and control capability
- Starter kits and PC config tools available allowing quick and easy installation



KONGSBERG AUTOMOTIVE

Kongsberg Automotive is a global provider of engineering, design, and manufacturing for seat comfort, driver and motion control systems, fluid assemblies, and industrial driver interface products. We are focused on automotive, commercial vehicle and industrial markets. Headquartered in Kongsberg, Norway, Kongsberg Automotive has nearly 50 facilities in 19 countries. With revenues of MEUR 623 (2009) and about 9,000 employees, Kongsberg Automotive provides system solutions to vehicle makers around the world.



DRIVELINE

Our vision is to be our customers' preferred choice for driver controls in the global light vehicle automotive market. A Tier 1 global supplier of custom-engineered cable controls and complete shift systems, we are world leaders in both control cables and shifter systems for our customers around the world. Our global resources ensure timely innovative product development and high quality manufacturing.



INTERIOR

Kongsberg Automotive is a global leader in the design, development and manufacture of mechanical and electromechanical light-duty motion comfort and seat comfort systems to Tier 1 and Tier 2 customers. Our product portfolio includes seat adjusters, seat recline, side bolsters and lumbar support (pneumatic/mechanical), cables, seat heating, ventilation and massage systems, arm rest and head restraints, as well as other interior actuation systems.



POWER PRODUCTS

Kongsberg Automotive Power Products is a global leader in the design, manufacture and supply of vehicle control systems, providing quality engineered pedal and steering systems, electronic displays, cable and hand controls that set the standard for the world's foremost manufacturers of commercial, industrial, agricultural and construction vehicles. We offer a product range that is unmatched in the market.



ACTUATION & CHASSIS

A global developer and manufacturer of operator control systems for industrial vehicle markets, Kongsberg Automotive offers a robust product portfolio with products that range from traditional mechanical linkages to servo-assisted hydraulic systems and manual and electronic cable shift systems. These modular systems enhance flexibility and ensure cost-effective adaptation to customers' needs.

FLUID TRANSFER

Kongsberg Automotive fluid handling systems serve a wide range of fluid assembly customers in the light duty, industrial and commercial vehicle markets. Products include pipe/hose assemblies for turbo chargers, brake and fuel systems, and air system couplings.



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