

It's my right of way!

Yes, I know!

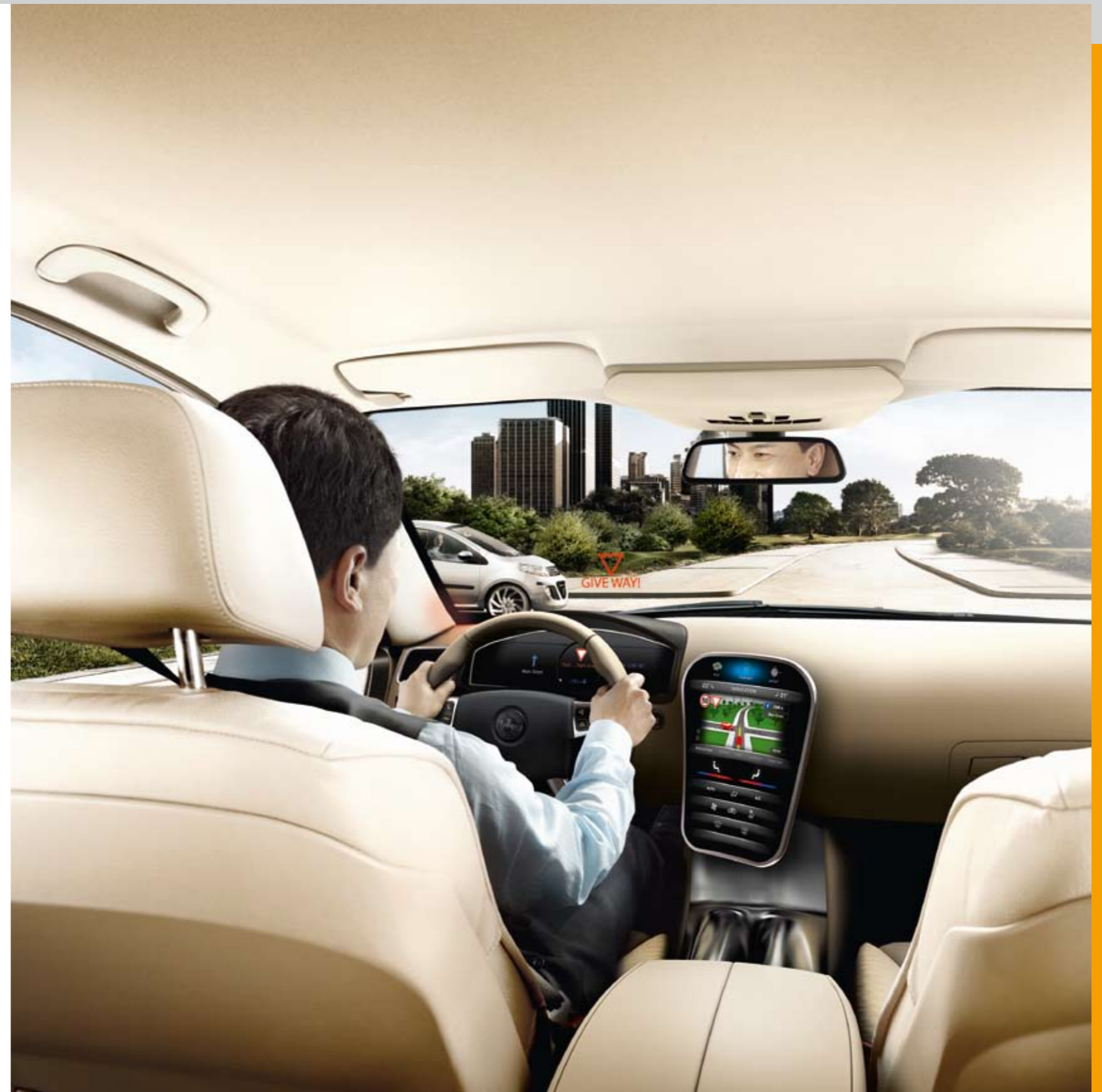


We make vehicles
intelligent.

Continental 

Contents

Contents		1
Introduction		2
Interior Division		5
We keep you well informed	Visual Display Systems	7
	Control Elements	9
We connect	Infotainment	11
	Connectivity	13
All at lower cost	Body & Security	15
	Systems Integration	17
	Affordable Cars	19
Commercial Vehicles & Aftermarket		21
Quality, Reliability and the Environment		23



Partnering to shape the automotive future.

Dear Sir or Madam,

To move the world, you need clear-cut goals. As one of the world's leading suppliers to the automotive industry, our aim is to shape and improve the future of mobility – for drivers, vehicle manufacturers, society at large and the world we live in.

With our advanced concepts and components, functions and systems, we help to enhance the safety of vehicles, open the way to eco-friendly fun behind the wheel and fulfill the desire for comfort.

At our Interior Division, we develop and produce a wealth of new information, communications and connectivity solutions.

“Always On” is our vision of the networked vehicle of the future as a partner supporting drivers and vehicle occupants. People are always the focus of attention. For us, that means conveying technologies via smart interfaces in such a way that they are easy to understand and operate.

With our strategy “We keep you well informed, we connect – all at lower cost”, we are a key part of the Continental Corporation and a dependable partner to vehicle manufacturers worldwide. Our 26,000-plus workforce at 60 locations worldwide generated sales of more than €4 billion in the 2009 fiscal year.

In many countries, we conduct research & development and produce locally. This allows us to create solutions in sync with market needs and in line with top quality standards in various parts of the world. Through our expert efforts and tireless commitment, we are already today a powerful engine behind the mobility of tomorrow.

Yours faithfully,



Helmut Matschi



The world is full of information.



At any given moment, drivers receive a barrage of information through many different channels. Outside the vehicle, this might be traffic signs and indicators of the course of the road ahead; while instruments and controls, the navigation system and driver assistance features are examples of internal sources.

Our job is to develop cutting-edge solutions that ensure drivers retain an overview at all times and can assimilate this information in the best possible way for every driving situation. These solutions help to com-

pile, filter, prioritize and display information as well as to connect drivers, their vehicles and the outside world.

Through our work, we are shaping the automotive future and promoting the visions "Zero Accidents" and "Zero Emissions". We are helping to make vehicles safer, greener and more comfortable – our efforts are driven by the networked car of the future as a partner to drivers and vehicle occupants.

One of the areas we focus on is how people interact with technology – the human machine interface, or HMI for short. Only by successfully bringing home new technical options in a way that drivers can instantly grasp will these innovations be able to hold their own in the long term. Our contribution takes the form of integrated, intuitive control concepts coupled with situation-based information strategies.

Another of our core fields of activity is the development of highly flexible connectivity options fit for the future.

Our solutions connect the driver and occupants with the vehicle, different vehicles with one another as well as with the surrounding infrastructure and portable devices of their occupants.

We think in systems – and act out those thoughts in detail. That's why we take a big-picture view of vehicles and devise scalable solutions that cater to the growing demands of state-of-the-art vehicle architectures with increasingly new functionalities.

All that matters always in view.

The sheer scope of driver information has increased significantly in recent years. This means that today much more information is available than can be conveyed simultaneously. Ingenious information systems and programmable displays are paving the way for completely new presentation options. For the first time, content can be displayed and communicated flexibly in line with specific traffic and situational needs based on up-to-the-second information strategies.

Our many years of experience in researching and developing instrumentation coupled with our broad know-how in the fields of ergonomics and information processing make us a development partner of choice for vehicle manufacturers. We create platform-based instrumentation solutions that take full account of all technical requirements, the latest technologies, economic specifications as well as brand and model range-specific design aspects.

Thanks to our display systems, all driver information, convenience functions and entertainment content can be presented in the best possible way. Our range of products spans the arc from standard instrument clusters through units with large-scale display elements all the way to head-up displays of which we – as one of the innovation leaders in the field – are already manufacturing the second generation.



PRODUCT PORTFOLIO:
VISUAL DISPLAY SYSTEMS

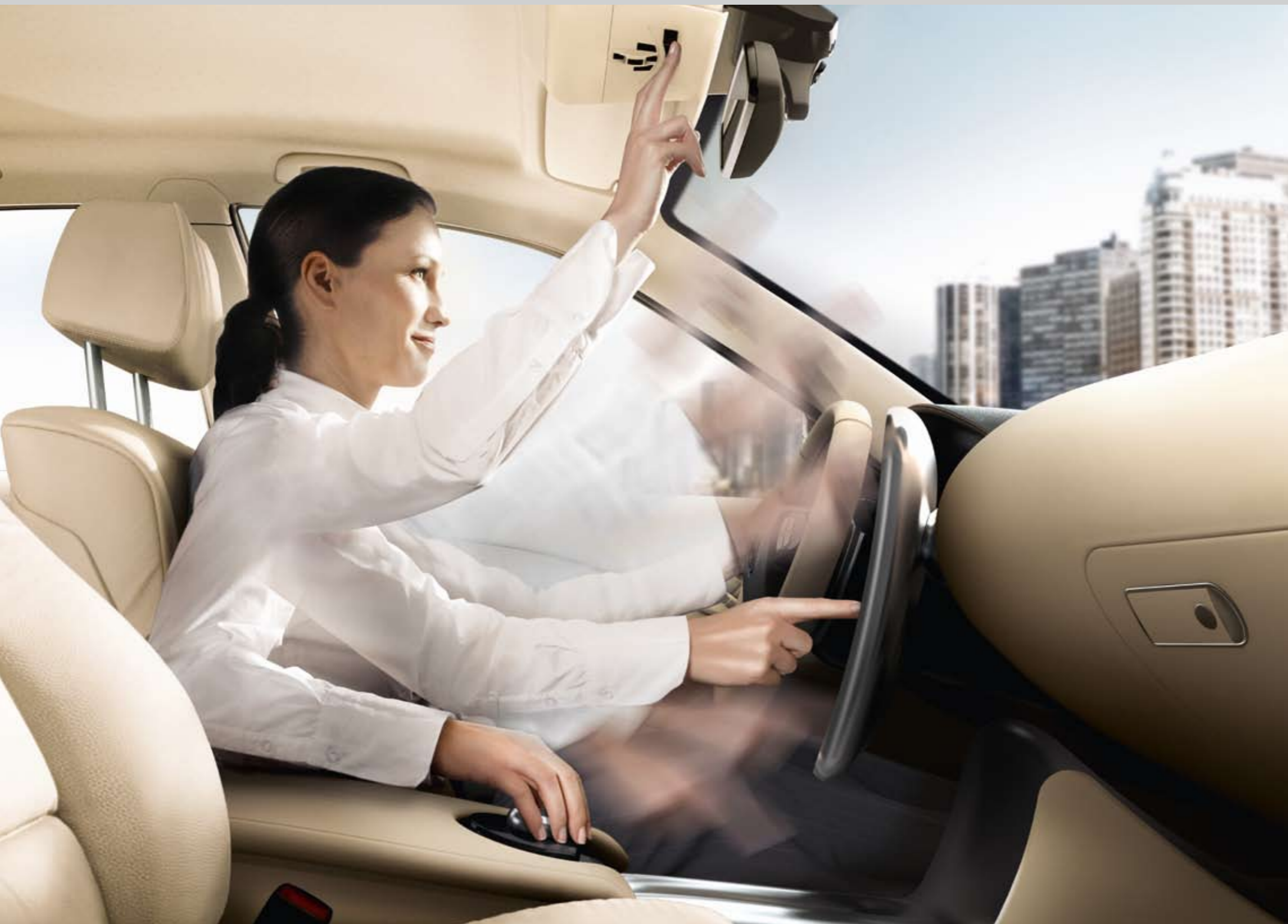
- Instrument cluster
- Secondary displays
- Head-up displays



Secondary display (kinematic solution)



Instrument cluster



Operating functions intuitively.

As roads get busier and modern display systems grow in capability, intuitive controls are becoming increasingly important in the optimization of the human machine interface (HMI).

Control units must be engineered so that they enhance comfort and convenience, but do so without distracting drivers from the traffic around them. In addition, they must be intelligently designed to enhance vehicle safety. The haptic interfaces between human and machine, buttons, switches and controls are an important part of the driving experience and vehicle identity.

To meet the demand for an ever-wider array of functions and equipment options, we support vehicle manufacturers with industry leading solutions in terms of design styling, functional performance and cost-efficiency. We develop individual components, integrated modules and entire cockpits. We use innovative, high-quality surfaces such as "Seamless Design", "Blackpanel" and "Capacitive Touch".

In addition, our integrated vehicle roof systems combine various functions in a single component. Intuitive control is a central feature of all our solutions, which we develop based on a platform approach and on holistic HMI concepts.



Integrated centerstack



Central input device



Climate control

PRODUCT PORTFOLIO: CONTROL ELEMENTS

- Climate controls
- Haptic controls
 - Faceplates
 - Central input devices
 - Roof controls
- Integrated centerstacks
- Cockpit modules

Living entertainment and information.



Multi Media Platform (MMP)



Radio



Flat Panel Radio

People's requirements of today's radios, navigation and multimedia systems are highly diverse. What is regarded as an optional extra in some emerging countries, is already part of standard equipment in other markets. Added to this is the urgency with which the latest developments from the world of consumer electronics need to be seamlessly integrated into cars.

This applies as much to new functions as to interfaces with portable devices – no easy feat given the rapid development cycles of the entertainment industry compared with the long service life of vehicles.

We channel our years of experience into creating vehicle infotainment systems that are both optimized for specific markets and fit for the future. These include simple radios and entertainment head units as well as the readily upgradable Multi Media Platform with touch-screen control and multimodal entry options.

Our scalable multimedia solutions range from entry-level navigation systems with dynamic routing to high-end systems featuring high-resolution 3D display and permanent upgrade options. Thanks to eHorizon technology, we can transfer navigation data to other control units in the vehicle, thereby enhancing driving efficiency and boosting the performance of driver assistance functions.



PRODUCT PORTFOLIO: INFOTAINMENT

- Radios
- Connected radio & entry navigation
- Multimedia systems
- Software & special solutions



Connected, whenever and wherever.

Innovations in the field of information and communications technology have made it possible to give vehicles 360-degree connectivity. This is about the fast, flexible integration of portable devices as well as linking the vehicle to the outside world.

First of all, it means connecting different media such as cell phones, mp3 players and portable navigation systems to the vehicle reliably, conveniently and seamlessly via Bluetooth®, USB or WLAN. Devices can be automatically recognized and coupled with the existing infrastructure such as speakers, displays and control elements.

What's more, our AutoLinQ™ innovation provides a flexible connectivity strategy with open architecture that connects driver and vehicle with the Web simply and reliably. For drivers, this linkup allows access to a range of new functions – for manufacturers, it opens up completely new ways of setting themselves apart from the competition.

Apps and special online services are taking the street by storm. Now, these can be adapted to drivers' personal lifestyle and individual preferences, with situation-based service offerings and innovative solutions enhancing their very own comfort and convenience. For instance, infotainment systems can be personally preset to provide autonomous pointers to desirable restaurants, vacant parking spaces or any other content.

Another field of connectivity we are involved in is our range of highly innovative embedded telematics solutions. These include, for example, fully automatic emergency call functions featuring GPS tracking and the stolen vehicle tracking module with immobilizer function.

The Bluetooth® word mark and logos are owned by the Bluetooth® SIG, Inc. and any use of such marks by Continental is under license. Other trade marks and trade names are those of their respective owners.



**PRODUCT PORTFOLIO:
CONNECTIVITY**

- Device connectivity
- Embedded telematics
- AutoLinQ™
- Services



Controlling vehicle functions reliably and conveniently.

Electronic body and access systems ensure reliable control of a diverse array of convenience and vehicle functions. These allow vehicle manufacturers to make their mark in the competitive arena, to segment their vehicle fleets and offer both drivers and passengers added motoring value. Besides achieving the ultimate in functional performance, our focus is also on economic efficiency when designing and producing these systems.

For instance, our scalable, AUTOSAR-compatible control units for the central vehicle electronics combine a wide range of functions. Our seating comfort systems also systematically harness synergies, offering particularly economic solutions for seat heating and air conditioning, massage function, fully automatic seat adjustment as well as systems for dynamic lateral support when cornering.

Our forward-looking access systems deliver an array of different solutions ranging from standard immobilizers through remote keyless entry systems to bidirectional keys featuring novel display technology. Especially convenient are the access control and start systems where the ignition key no longer has to be held in the hand.

With our leading-edge LED light control units, we ensure optimum illumination of the road ahead. What's more, efficient energy management of the LEDs cuts fuel consumption and CO₂ emissions.

Our solutions for intelligent battery and energy management optimally control the vehicle's available power to accommodate the increasing number of consumption points. These solutions are also used to ensure a stable on-board power supply and allow convenient use of eco-friendly start-stop systems.

Thanks to our tire information systems, we can keep drivers up to speed on the condition of their tires as a way of cutting fuel consumption and avoiding danger. The systems already meet future statutory requirements today.

We use intelligent antenna modules to synchronize the increasing number of wireless technologies in the vehicle and integrate the various internal and external antennas. For instance, these combine the reception for telephone, GPS, remote control, WLAN, radio or tomorrow's vehicle-to-vehicle communications. The result: simplified wiring, reduced space requirements, improved signal quality and optimum scalability guaranteed.

PRODUCT PORTFOLIO: BODY & SECURITY

- Body control units
- Exterior light control units
- Power closures
- Seat comfort systems
- Battery & energy management
- Access control systems
- Tire information systems
- Intelligent antenna modules



Wheel unit of the Tire Guard tire information system



Bidirectional key with integrated display



Body control unit (BCU)

Systematically harnessing synergies.

Simplify your Drive



For us, systems integration is a field of development in its own right and is in no way downstream to product development. Given today's increasingly complex vehicle architectures, we think and act comprehensively in terms of functions, systems and business units. Our seasoned experts put together different functions and components to create new systems.

This integrated approach coupled with our multifaceted product range sets the stage for our scalable system and integration solutions. As a strong development partner to vehicle manufacturers, we support them from the initial planning stage and deliver more functionalities per control device. That not only cuts costs and space requirements but at the same time boosts reliability because of the reduced number of components.

"Simplify your Drive", the unique operating and system concept for user profile-oriented human machine interface (HMI) and vehicle setup, is positive proof of our high-performance track record. Vehicle manufacturers can use it to create any number of sensory worlds in a given vehicle. Market, brand and model-specific specialties can be realized particularly economically.

Connectivity between domains and individual functions opens up a whole new dimension in functionality and how drivers feel behind the wheel. Functions are clustered in profiles and can be selected by the driver at the touch of a button.

Depending on the profile, the interior look, display content as well as engine, transmission, chassis, infotainment and comfort system settings can be altered at will. Thanks to freely programmable displays, drivers are shown the information of greatest relevance to them at any given moment.



Making mobility affordable.

Every market has its distinctive features – something which is particularly true of the rapidly growing markets in emerging countries. Market-specific innovations and solutions geared to vehicle requirements are our technical response to the call for affordable mobility.

Thanks to our global reach with development and production sites in more than 20 countries, we can precisely pinpoint specific needs at grassroots level and meet them to a tee – with solutions that check all the boxes with regard to function, quality and economy.

We have a name for this – we call it tomorrow’s “Affordable Car”. Our contribution takes the shape of market-driven systems that we develop and produce at minimum cost. For instance, that means creating new functional units with a reduced number of parts and pooling individual components into integrated systems. A combined radio and climate control, for example, will cut not only system costs but also assembly costs.

We believe that affordable cars will not only enjoy success in Asia, Eastern Europe and Latin America but will also come to play an increasingly important role in the established industrial nations. This is why we have already begun to offer an array of specially developed products for budget-priced vehicles. These include immobilizers, remote keyless entry systems and instrument clusters.

Our top priority is to guarantee the ultimate in reliability even under harsh weather or difficult road conditions. Drawing on years of experience in virtually every region in the world, we rank among the leading automotive suppliers capable of delivering the goods.

From specialists for specialists.



Digital tachograph VDO
(DTCO 1381)



ATE brake discs and brake pads
(Power Disc and Standard)



GPS-based onboard unit for
toll collection

Among the strengths in our performance spectrum are our diverse products and services for commercial and special-purpose vehicles as well as the aftermarket. Our global network of sales and service companies lets us stay close to our customers all over the world and cater to the specific needs of these market segments.

In our Continental, VDO, ATE and Barum product brands, we offer electronic products, systems and services for commercial and special-purpose vehicles, a comprehensive range of products for specialist repair shops as well as spare parts for the independent aftermarket, unaffiliated repair shops and the supply of replacement parts for discontinued models.

We are market and technology leader in tachographs and devise special solutions and services in the field of toll units and telematics. Our electronic control units and systems for drive management and chassis control as well as our HMI solutions meet the highest of standards.

Besides our original equipment products and services, we have a broad range of products available for specialist repair shops, the independent aftermarket and unaffiliated repair shops. These include spare and wear parts for brakes as well as engine actuators, actuators for central locking systems, fuel systems, sensors, fan and ventilator systems, window and head

lamp cleaning systems as well as tire pressure control systems. In addition, we offer multibrand diagnosis systems and a diesel repair service.

With our supply of replacement parts even for series that vehicle manufacturers have discontinued, we support end customers and repair shops alike. Here, we assume full product responsibility including production, sales, logistics and quality assurance.

PRODUCT PORTFOLIO: COMMERCIAL VEHICLES & AFTERMARKET

- Tachographs & Services
- Vehicle control units for drive & onboard electronics
- Visual HMI
- Onboard toll units & telematics
- Wear parts, spare parts & services for the independent aftermarket
- Original equipment services

Combining progress and values.

Quality has many facets. We consider it as our all-embracing commitment to systematically combine product quality and manufacturing reliability on the one hand with environmental protection and the protection of each individual, especially our employees, on the other.

We aim to not just maintain existing standards and guidelines. As a Tier 1 manufacturer with a strong reputation and a long heritage worldwide, it is our stated goal to raise the quality bar even higher in every respect and with all the power at our disposal.

For us, the zero error rate is not a future vision, but a tangible goal. Our suppliers are committed to delivering the most stringent quality standards. In production and every other area of the company, we champion a continuous improvement process. We want our customers to envision two core values when they hear the name Continental: 360-degree quality and uncompromising reliability.

This also applies to our efforts in environmental protection as well as our activities geared to protecting our employees. These are firmly rooted in our company's management tasks and we actively embrace our responsibility. For example, our principles governing environmental, fire, occupational safety and health protection set globally binding standards and requirements.

We know that sustained success and future mobility can only be achieved through integrated effort. This is why we respect the interests and consider the needs of our employees, suppliers and service providers. We meet the expectations of our customers and shareholders and fully embrace our corporate and social responsibility.

progress

The information provided in this brochure contains only general descriptions or performance characteristics, which do not always apply as described in case of actual use or which may change as a result of further development of the products. This information is merely a technical description of the product. This information is not meant or intended to be a special guarantee for a particular quality or particular durability. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. We reserve the right to make changes in availability as well as technical changes without prior notice.

© Continental Automotive GmbH

Continental Automotive GmbH
Interior Division
Siemensstrasse 12
93055 Regensburg
Germany
Telephone +49 941 790-0
www.continental-automotive.com