



## JetControlMobile 630

Control and visualize a wide range of mobile applications

We automate your success.

## One control system - Lots of features



Vehicles and mobile machines for all fields of application are equipped with an increasing number of features. The resulting complexity of such systems requires thought-out yet flexible solutions for controlling and visualizing the huge amount of data. The mobile controller JetControlMobile 630 has been especially developed for this purpose. A wide range of connectivity options and its rugged design make the JCM-630 the perfect all-round controller for mobile automation applications. Numerous useful functions which can be used across all industries open up a wide range of application options. Get some ideas for your projects from the following examples.

# Examples



Surround view systems



Digital rear view mirrors



Working functions across several displays

# Surround view systems

## Always getting the full picture

Overview of all areas around a vehicle is becoming an increasingly important feature. Surround view systems play an important role in the active safety of the driver, of the vehicle itself, and also of casual bystanders.

Vehicles are equipped with several digital cameras with wide-angle lens and high resolution. These cameras transmit images from the front, rear and the sides of the vehicle simultaneously and in realtime.

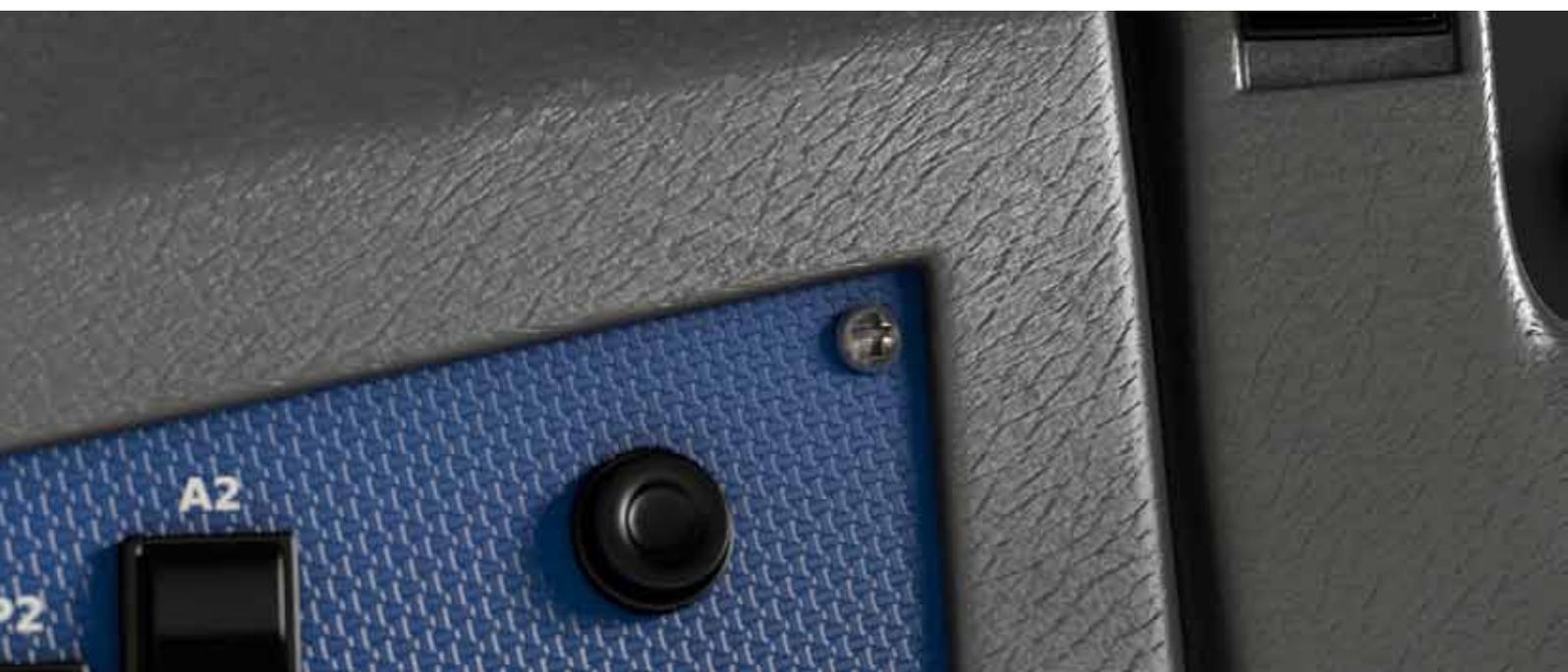
The controller merges these images on a display in the driver's cab in a way that the vehicle can be seen from a bird's eye

view. As the driver can choose from several views, blind spots are a thing of the past. Surround view also allows for faster maneuvering processes and ease of operation in heavy urban traffic or in critical traffic situations. Thus, the drivers are in full control of what is happening around the vehicle.

The controller JCM-630 handles the complex integration of camera images enabling surround view, object detection and smart operating concepts.

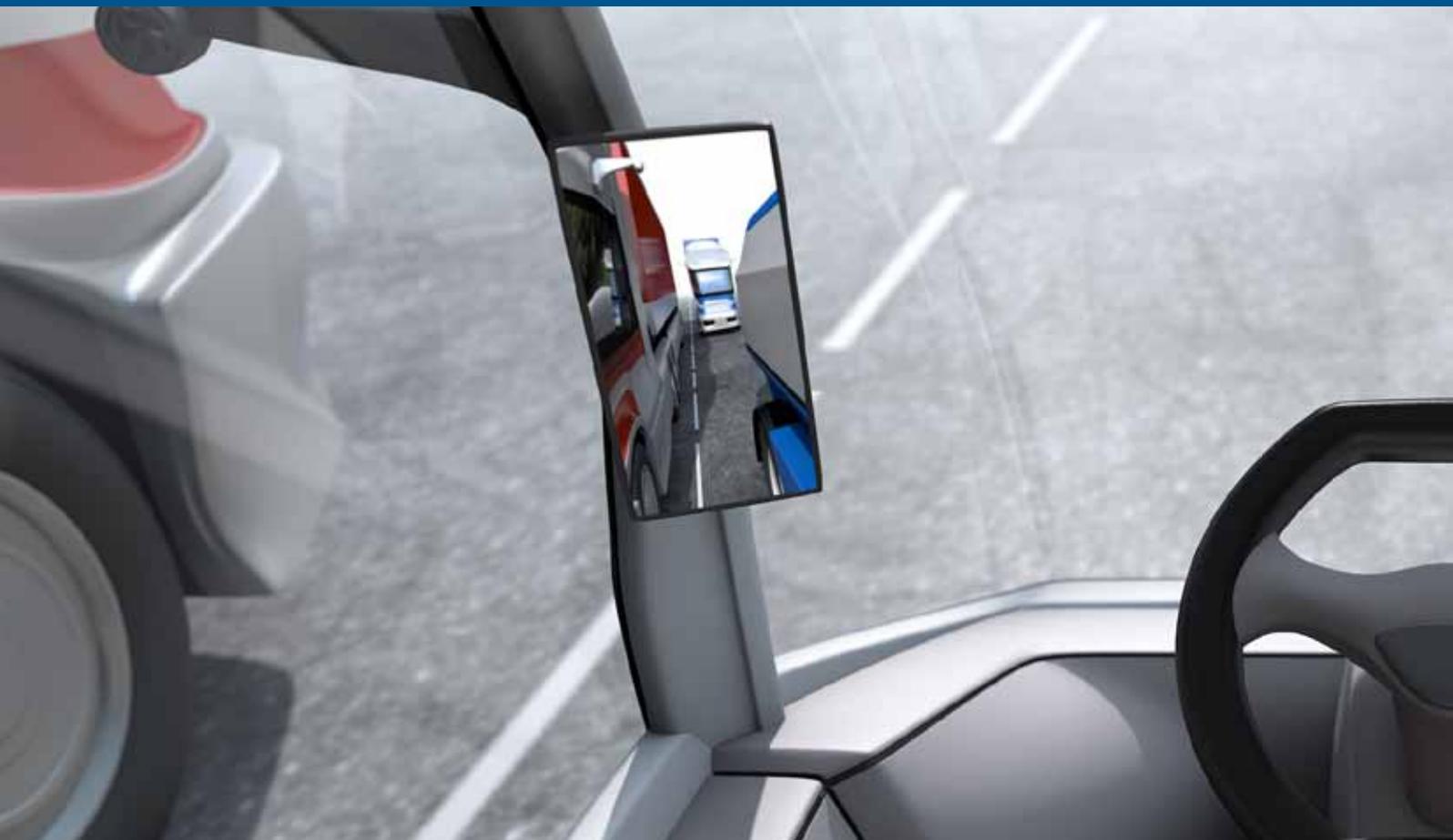
## Your benefits: Improved vision | Increased safety | Higher productivity

- All-round vision in tight/critical traffic situations
- Safe maneuvering
- Protection of the vehicle thanks to improved vision
- Videos of driving operations can automatically be recorded for documentation purposes
- Centralized controller with plug-and-play display allows for fast data exchange with immediate availability



# Digital rear view mirrors

Better view | [More information](#)



Camera/monitor systems can not only replace conventional mirrors in vehicles, they can also display additional and useful information..The new standard ISO 16505 defines the minimum technical requirements. It deals with several aspects, including safety and ergonomics, or system performance. Apart from improving the aerodynamic performance of vehicles, the focus is on increasing safety by an optimized field of view. Another advantage is that the display can be com-

bined with assistance systems reacting to certain traffic situations, for example, alerting the driver if there is a car coming up fast from behind. Furthermore, the dazzle effect by light from external sources that is reflected by mirrors into the driver's eyes is almost completely eliminated.The controller JCM-630 in combination with the software tool JetSym STX lets you perfectly adapt camera/monitor systems to the specific control and visualization requirements of the vehicle.



### The benefits to you: More information | Increased safety

- Perfectly aligned cameras provide an optimum field of view
- Technical features automatically reduce dazzle effect
- Integration of additional information increases safety
- Centralized controller with plug-and-play display allows for fast data exchange with immediate availability

# Working functions across several displays

Higher clarity and improved usability



The great number of functions implemented in municipal vehicles, construction machinery, tractors and commercial vehicles results in cockpits cluttered with individual instruments.

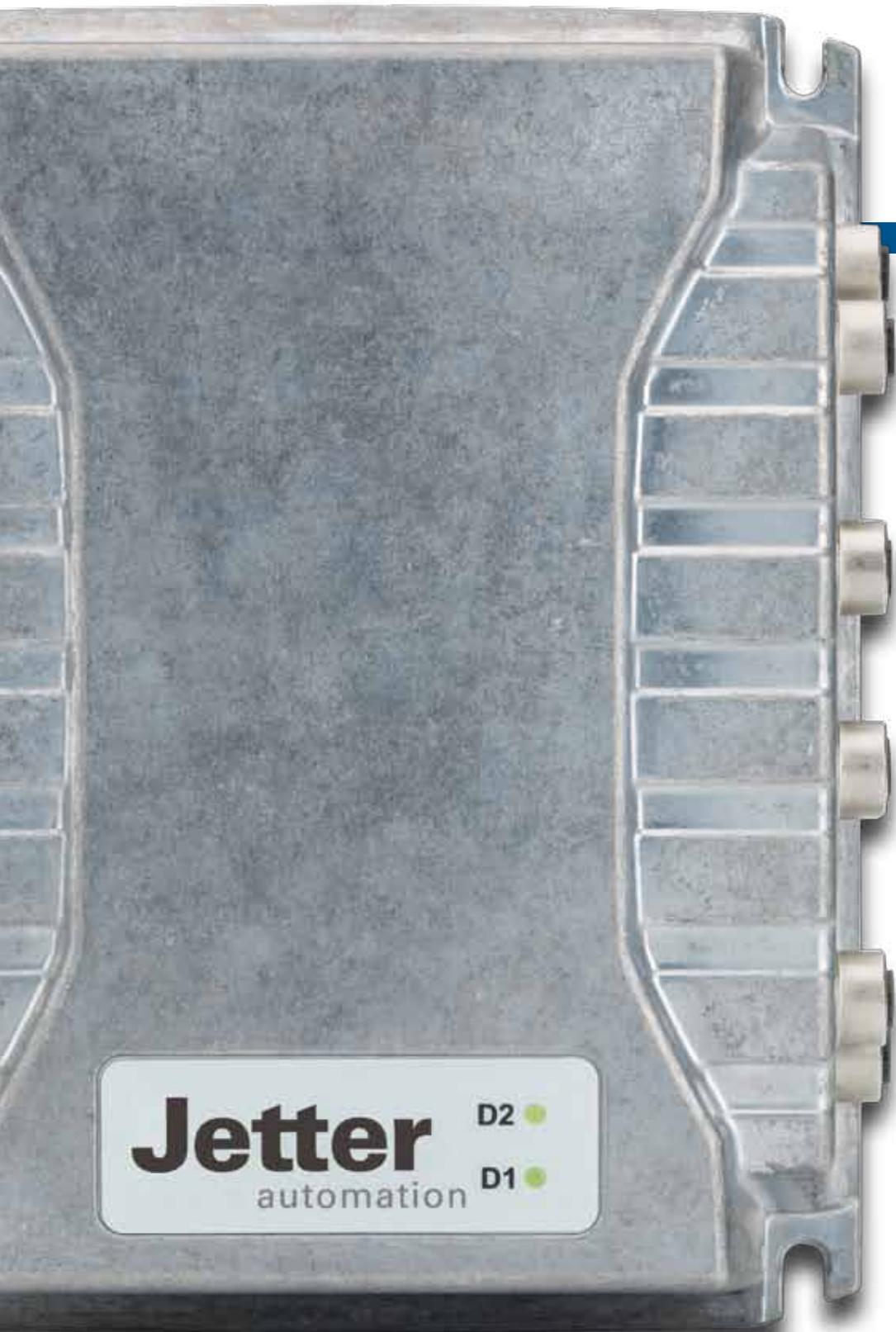
A particular challenge are special vehicles, such as fire trucks, where the driver, apart from the actual driving task, is kept busy with handling the working functions during missions.

To prevent operating errors in such situations, the great number of data sources must be processed and visualized according to an ergonomic concept. In many cases, it makes sense to place these functions on several displays. The controller JCM-630 processes all kinds of signals and distributes them according to the vehicle's individual visualization concept.



### The benefits to you: Better overall view | Maximum flexibility

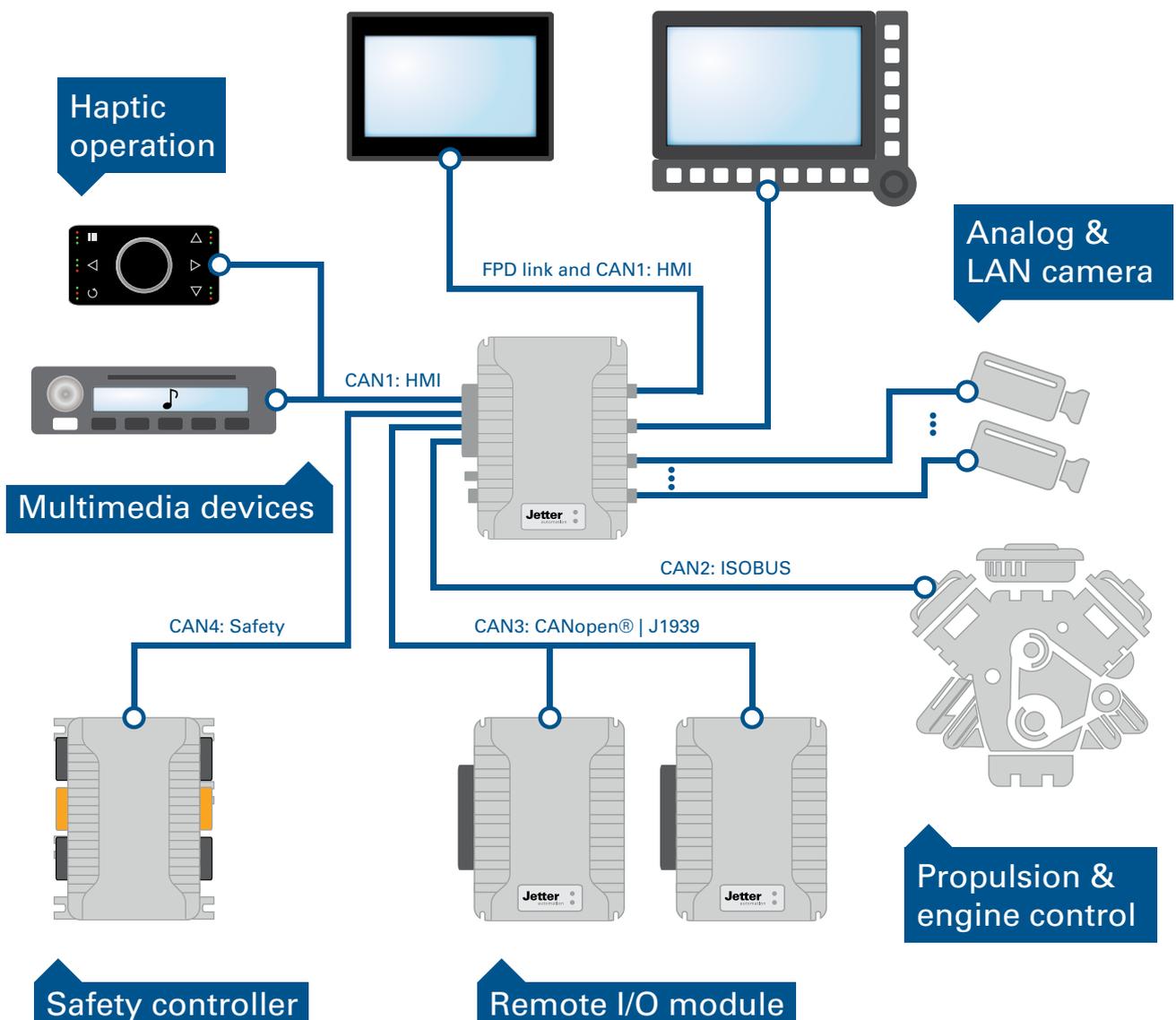
- High-performance controller for signal processing and preparation
- Visualization on several displays for higher clarity and improved usability
- JetViewSoft programming tool offers maximum flexibility for your visualization application
- Centralized controller with plug-and-play display allows for fast data exchange with immediate availability



**Jetter** D2 ●  
automation D1 ●

# Versatility is its strong point

JetControlMobile 630 opens up a wide range of application options



## Jetter AG at a glance

For decades, the name Jetter AG has stood for highest demands on automation solutions that are used in a wide range of industrial and mobile automation sectors. Products and components by Jetter AG stand out thanks to their high degree of system integrity and diversity. Our in-house R&D departments (hardware and software), as well as our production plants in Germany allow us to always act in a quick and flexible manner. This, combined with a comprehensive range of Professional Services, enables us to put almost any customer request into practice.

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