

## EFFICIENT AND FLEXIBLE VMS SOLUTIONS

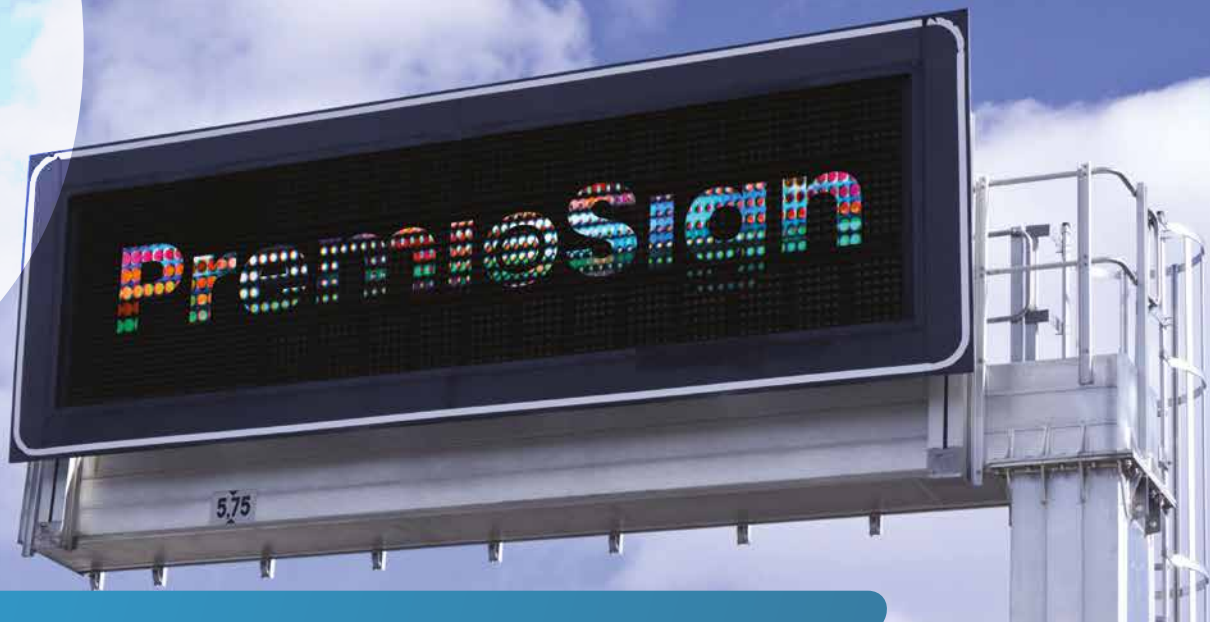
### Advanced VMS technology - PremioSign

PremioSign offers advanced LED Variable Message Signage solutions for motorway control and various road-network traffic management systems. Our unique products are designed to deliver essential traffic information to system operators as it collects congestion and accident reports, temperature data etc. The system also displays various unique and user-defined messages to the public such as lane control and speed limit information. By delivering useful information, our customisable and durable signs are guiding traffic and aiding road-management systems all over the world.

### PremioSign Custom LED Sign Design and Manufacturing Approach (PSCA)

PremioSign Custom LED Sign Design and Manufacturing Approach ensures full flexibility in selecting various system elements by offering solutions and design that are designed to solve the individual challenges and problems of each client. PSCA is engineered to be fully adjustable to our clients' individual needs both in terms of functionality and design. Custom-made LED modules, housing materials and also the software platform are specifically chosen and assembled based on the distinctive requirements of each project.

The flexible approach eliminates problems resulting from traditional VMS manufacturing concepts where the rigid technology often limits the freedom of planning and also poses a risk to a successful implementation or limits the possibilities of further future system-expansion.



## PremioSign Custom LED Sign Design and Manufacturing Systems for highways, motorways

PremioSign specialises in designing and manufacturing advanced VMS systems with LED technology, which can be used for all-round traffic infrastructure purposes.

PremioSign products offer high-quality solutions that fully comply with the local requirements of Hungary, our base country. Wide international acknowledgement has been also achieved in the neighbouring Central European countries as well as in Scandinavia.

A modern, simple and customisable electronic design and the 32-bit processor supported by a unique FPGA unit result in very fast task execution time and response time of the displays. Our products offer exceptional visualisation and fast picture display.

Excellent picture quality is ensured by high intensity of the displays even in extreme conditions (poor weather or low visibility) as luminosity of the display changes automatically according to ambient light conditions. The advanced electronic solutions and the optimised control system ensure low average energy consumption of all PremioSign products. All PremioSign VMS solutions are produced using the most reliable LED technology and are certified by independent laboratories.

## Customisable product portfolio and Standard housing sizes

PremioSign VMS product portfolio is fully adaptable in terms of housing size, mechanical and electrical protection, pixel spacing, colour depth and video display speed. It is ideal to flexibly meet all requirements of different customers.



### Standard housing sizes for reference:

1 200 mm x 1 800 mm x 255 mm

5 600 mm x 1 800 mm x 355 mm

7 200 mm x 1 800 mm x 355 mm

5 000 mm x 1 400 mm x 355 mm

1 400 mm x 1 400 mm x 255 mm

# Benefits of the PremioSign Custom LED Sign Design and Manufacturing Approach (PSCA)



## Full flexibility in design and planning

Network design process is not limited to 100% ready-made VMS products.



## Expanded assembly opportunities

Flexible products ensure perfect adaptability to unique systems.



## Improved overall system quality

Custom-made elements open new possibilities in utilizing traffic signages.

## PremioSign References



M3 Göd



M44 Kondoros



M44 Tizsakürt



M8 Körmend



M44 Lakitelek



M85 Csorna

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PremioSign



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