

Technical discussion:

Why even bother with VMS CE Marking?



Time and energy that is consumed in period of product test and certification process exhaust manufacturer's resources. On the first glance it seems too expensive, often it is not mandatory (at least not for all applications) so the question raised in the title surfaces on its own.

However, on the other hand, if we look at the problem from the side of the investor and end user, the perspective on CE Marking is completely different. Asking ourselves what do investors need, what do our business partners need and what can we, as a manufacturer, offer to them, provides simple and straight forward answers.

Everyone wants high performance products with specifications just tailored to their application, with high durability, at low price and on the end a supplier offering uncompromising and dedicated support.

Certification process consists out of assessment of the test module (that must be the real representation of VMS) on optical performance, durability tests of all mechanical parts critical to the product life span expectancy. Checking of factory production processes and control assures that once produced durable and high quality sign can be reproduced at any time.

Independent and objective quality assessment of our products with tips how to improve both products and production process is what is achieved through the certification process. Components and processes critical for product quality are detected and these can include choice of reliable suppliers and subcontractors.

Actual improvements that can be achieved:

- => production and testing procedures are optimized
- => extension of warranty periods without additional cost
- => lower price for higher quality product
- => satisfied and convinced customer

If you do not believe it – test it and then you will agree it works!!!



**Why even bother with CE Marking?
CE marking; insurance of your buy!**

New products:

Traffic Trailer with Fully Programmable Full Matrix LED Display

Rear end collisions are the most common of traffic incidents in the road works area. Generated by traffic jam or sudden decrease in speed, collisions usually happen in the reduced road area where the congestion is most likely to appear. Main causes of accidents are careless drivers, speeding and disrespect for safety distance.

Traffic Trailer provide on time information about:

- current state of road ahead on any section
- indication of closed traffic lanes or dangerous situations on oncoming section of the road because of accident or congestion
- providing speed limit indication on road sections with road works in order to increase the protection of the workers
- provides information about alternative routes

Technical specifications and the optical performance according to stringent EN 12966-1 requirements.

AC Supply:	230V 50Hz(-15%do+10%)	
DC Supply:	10...16VDC	
Over-voltage/current and Surge Protection:	varistors, fuses, opto-couplers, suppressors, gas dischargers	
LED Control:	every LED separately	
Pixel raster	12 mm minimum	
Classification according to EN 12966:	LED Intensity (Luminance) :	L3,L3(*),L3T
	Luminance ratio:	R2-R3
	Beam width:	B1-B7
	Color Class:	C2
	Temperature:	T1, T2,T3 (-40 - +60)
	IP protection	P2, P3 (IP55 – IP66)
Communication Protocol:	TLS, PROFIBUS, MODBUS, TCP/IP, GSM, BLUETOOTH, (others on demand)	
LED Monitoring and Test:	Continuous, for each LED separately, testing of both ON and OFF state	



Safety counts so count on safety while using Telefon Gradnja's Traffic Trailer with Fully Programmable Full Matrix LED Display!

Activities:

Intertraffic China - Beijing

Transportation in the mainland of the People's Republic of China has improved remarkably since the late 1990s as a part of government effort to link the entire nation through a series of expressways known as the National Trunk Highway System (NTHS). Further to transport for industry, private car ownership is increasing at an annual rate of 15% which truly justifies government efforts.

Intertraffic China 2007 was organized for the first time in P.R. China and it was a unique opportunity to present ourselves to this huge and emerging traffic management market. At this high profile show we have shown to potential Chinese partners our capabilities as a complete Traffic Management System Provider. Our most advanced products were presented integrated in a traffic system controlled and managed by our topXview™ dedicated traffic SCADA software suite. On the second day of the show our R&D manager, Mr. Davor Hude held a presentation about Integration of Traffic Management Systems and the pitfalls that prey over inexperienced investors.

Introduction of Telefon-Gradnja to Chinese market was a 100% success.

