



MPE
Quality, Reliability, Performance

Company Bulletin

for EMC, EMP & TEMPEST Protection

Issue 17



Custom filter for multi-function ASV

WISENT 2 is one of the world's most advanced multi-functional armored support vehicles, which can be used as an armored recovery vehicle (ARV) or an armored engineer vehicle (AEV). Developed by Flensburger Fahrzeugbau Gesellschaft (FFG) in Germany, the 8x8, 70t vehicle can travel up to 68km/hour and is based on the tracked chassis of the Leopard 2 main battle tank (MBT). This combat-tested chassis makes WISENT 2 extremely manoeuvrable, powerful and reliable in the battlefield.



The multi-functional vehicle can be deployed in missions such as recovery and towing of damaged vehicles and equipment, military engineering and mine clearance operations under challenging battlefield scenarios with modern asymmetric threats. It has already seen service in theatres such as Afghanistan. With its modular design, WISENT 2 can be converted from ARV to AEV configuration in less than five hours.



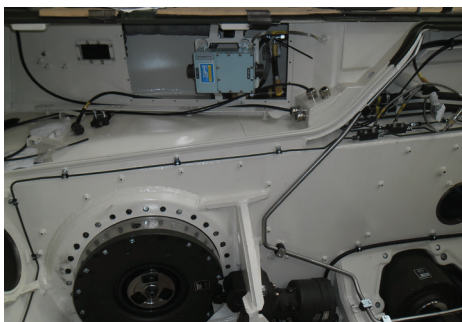
Accordingly, through its Bronze distribution partner Electrade GmbH based near Munich, MPE has supplied a custom multi-line EMP filter solution for WISENT 2 to FFG, a major supplier of innovative vehicle platforms to customers in over 40 countries, in both military and civilian markets.

WISENT 2 operating in its armored engineer vehicle configuration

During 2015, following its presentation to the FFG engineering team in Flensburg by the Danish border, MPE, as an established provider of filter solutions for the Leopard tank, was tasked with developing a custom filter that would effectively protect a variety of systems within the new WISENT 2 military vehicle. Following intensive development and prototyping activities, MPE duly provided production filters via Electrade to FFG during 2016 and 2017.

In a marketplace with much indigenous high-performance filter competition, the success of MPE's solutions on such an application is testament to both MPE's product quality and Electrade's customer relationship and service excellence. MPE expects to supply further production filters to FFG for the WISENT 2 platform during 2019.

www.electrade.com



The MPE filter solution incorporated into WISENT 2 (see top centre)

Bronze Partner

ELECTRADE
ELEKTRONIK-VERTRIEB
UND CONSULTING