

## Aplicom A1 Successfully Tested in Motorsports

The Finnish Automobile Sport Federation AKK Motorsport fitted ten rally cars with Aplicom A1 devices at the honoured Vanajanlinna rally in mid-January. AKK Motorsport and the organisers of national and international rally competitions aim to improve competitor and spectator safety by monitoring the fast moving racing cars in real time.



Picture by Jarno Saari

“For quite some time we have been looking for a cost-efficient and reliable system for monitoring rally cars in national competitions, but until now the cost of highly reliable tracking equipment has always been prohibitive”, says **Risto Laine**, Sporting Executive for Rally at AKK Motorsport.

In the test Aplicom A1 TRAX devices were used together with 4TSFINDER real time tracking and fleet management application supplied by 4TS Finland Oy. A1 TRAX devices proved their reliability in the harsh environment of rally cars. The racing teams were especially pleased with the easy installation of the devices.

“The system was working as expected and we see a lot of potential in future use of tracking equipment in Motorsports”, says **Risto Laine**.

In a rally competition, the distance of all special stages is accurately measured with high precision friction metering devices by the rally organisers. All competitors drive exactly the same route under strict control and top drivers follow almost identical course during special stages. Therefore, a rally competition was also an ideal place to demonstrate the advanced GPS based trip distance measuring capabilities of the A1 TRAX product.

Out of ten fitted cars eight finished the race. A1 devices in eight different cars were giving practically identical readings for the distance of the special stages. The difference between A1 devices and the high precision trip meter was systematic and less than 3 per cent. In general it was proved that GPS based trip distance measuring with Aplicom A1 TRAX is much more accurate than the odometer readings of typical passenger cars.

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