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Success Story

OEM Aftermarket VCI Tool

Customer need

Movimento was contracted by the commercial vehicle OEM to design and produce a new aftermarket vehicle communication interface (VCI) to be used at their dealers and service shops. The primary driver was to save money by globally unifying their aftermarket organizations use of vehicle network tools. The tools' IP is owned and maintained by Movimento, although the OEM is guaranteed access to the IP and being able to fully control the tools features and performance. The OEM's strategy of cooperating with the supplier's about the IP brought the benefit for having control of the tools future functional requirements, e.g. they are able to request additional functionality as they seem fit.

Requirements from the OEM specified a pass-through diagnostics and pass-through reflash USB device with the possibility of interacting with their proprietary PC applications through RPI210. Another requirement stated that the tool should be able to allow updates through network updates, automatically pushing out new functionality through the internal network.

Industry	Commerical vehicles
Type	OEM
Phase	Aftermarket, Engineering
Market	Global

Movimento's solution

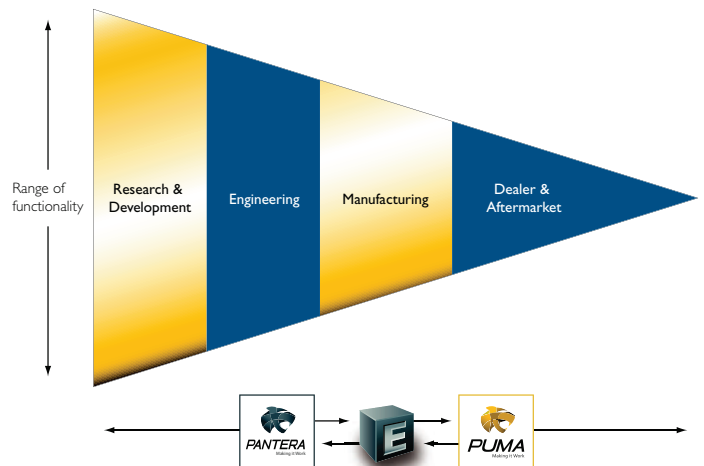
Movimento was chosen to design and deliver their new preferred dealer VCI and started the development using specifications and design processes from our quality management system. The development process features a series of handshakes and toll gates where the progress is reviewed and approved by the customer to ensure that deliverables are in sync with the customer's expectations. Movimento's solution included all higher layer vehicle protocols used by the OEM, WLAN functionality and innovative design.



Achieved result

Between 2005 and 2008, over 14,000 units have been supplied, with the tool continuing to be used as the primary VCI for the OEM's global aftermarket operations. By having a tool that fits perfectly to their needs, the OEM has been able to save money. The tool includes their proprietary protocols and they are able to request new feature requirements that Movimento can quickly respond to, using the development processes.

The tool has been acknowledged for its high quality and excellent performance which have made other parts of the OEM's organization start to use the VCI for Engineering activities, which is the result of Movimento's product philosophy, approaching the complete vehicle life cycle.



E-script joins Movimento's software and hardware to a platform providing solutions throughout all phases