



Advanced telematics

Requirements are the basis for the solution. That is our self-conception of the adequacy of tasks and costs. The vehicle as a complete client in a company network offers potential for optimizing business processes. Focus is on applications that are daily-used tools of mobile workers. Tasks to make better and faster and thereby more cost-efficient – that’s the aim of all. We advice a PC-similar systems architecture for the use of PC-similar applications, e.g. a replicated data management, implemented in our Frog. By using communication paths and basic services of The Fly we have developed a automotive qualified telematics unit that serves the comfort of a desktop unit. It has sufficient interfaces to connect it to individual peripheral devices as well as a Wireless LAN Access Point to connect any remote device. Working as in office environment comes true, in low-end case for typical office tasks like email an fax, up to individual, business supporting applications.

	The Frog
Hardware	
Processor	AMD-Geode SC2200/ 300MHz (x86 compatible)
Main memory	256 MB SDRAM
Flash memory	256 MB Flash, expandable via second CompactFlashCard socket
Harddisk	optional
Ethernet	2x Fast Ethernet 100 Base T
GSM/GPRS	Triband
Wireless LAN	optional, IEEE802.11b (11MBit/s)
Bluetooth	optional
UMTS	optional
GPS	optional, 16 channels
Interfaces (external)	6x RS232 2x RS485 1x CAN 2x USB
Interfaces (internal)	2x PCMCIA
Input voltage	9V bis 33V
Operating temperature	-25 up to + 70 degree Celsius
Dimensions	205mm x 60mm x 175mm
Weight	1,4 kg
Software	
Operating System	Embedded Linux, Kernel 2.4.x, Windows Embedded XP
Basic services	ssh, scp, tthttp, dhcp, iptables, ppp, sms, webmin, hostap
Data management	Oracle Light
Monitoring	HP Openview
Communication	locating, tracking, diagnostics, VPN, Roaming, Resuming
Applications	locating, tracking, diagnostics



More Information about “The Fly”, “The Frog” and CarMedialab You will find on: www.carmedialab.com

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