

# :::CiaolabTechnologies

CiaoLab provides Innovative and Scalable HW-SW Platforms & Embedded Solutions that are the basis for the new generation of products and business opportunities in the “connected” world.

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# Unique Engineering Competencies

- CiaoLab offers its **unique engineering competencies** in the areas of software, hardware, embedded systems, and systems integration to provide innovative solutions for the following Consumer and Business market segments :
  - **Multimedia and Networking** : DVB-S/T Set Top Boxes, Digital PVRs, Multimedia Stations, BroadBand Devices, Residential Gateway, Routers
  - **Automotive**: Infonavigations Systems, Telematic Boxes
  - **Mobile Computing**: PocketPC HandHelds, SmartPhones,

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# Multimedia and Networking



- CiaoLab offers a family of products and technologies in the Multimedia and Networking markets.
- This family of products and platforms are developed in the so called "Universal Service Gateways" market:
- From the new satellite decoder (Common interface) to the multimedia stations (all in one: DVD, Satellite, Internet, Mail, Personal Video Recorder, MP3); and from the satellite routers to the new business Tv stations

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# Automotive



- Car Navigation Systems
- Telematic Box
- Telemetry Systems
- Thanks to its strong technical know-how in engineering design services, CiaoLab has had significant successes by delivering innovative products in car navigation, telematics and infotainments, in co-operation with customers like Marelli and Cobra

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# Mobile Computing



- PocketPC PDA
- CiaoLab has generated a complete turnkey Hardware/Software PPCPE product platform based on ST Microelectronics STA2001 Processor
- Specialized customizations (Bluetooth, Wi-Fi, Embedded Camera) may be designed in for product differentiation, upon customer request

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# Reference Platforms

CiaoLab, through its strategic partnerships with silicon providers, offers its clients several reference platforms that can be used to quickly create new products.



- Reference Boards
- Ciaolab is supporting ASIC silicon vendors in the development of reference platforms, intended as reference boards to demonstrate new generation of System on Chip or HW/SW reference solutions for digital set-top-boxes
- CiaoLab developed the reference platforms for the following ST SoCs: ST5528, ST2001 and ST40+ST5514

