

EMBEDDED SYSTEMS

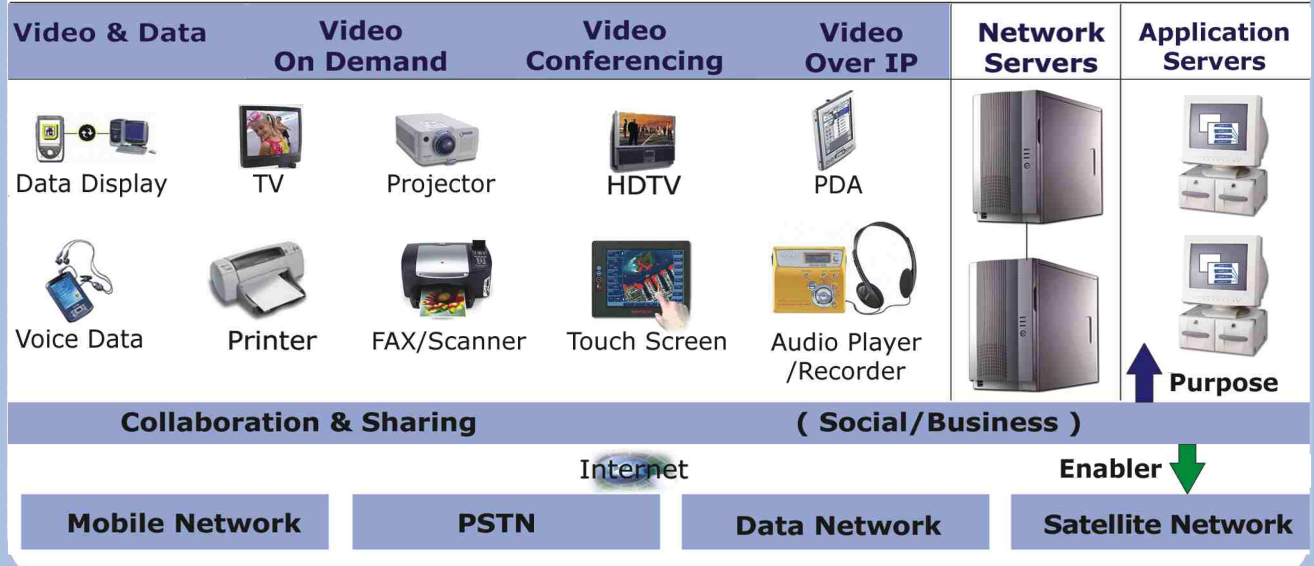
Embedded Systems IT Services

NETWORK PROGRAMS™

www.networkprograms.com

Network Programs provides end-to-end product realization services through hardware and software design, development, testing & implementation with wide range of expertise in datacom, telecom, system software & VLSI design. We have executed projects using various RTOS, networking technologies & associated tools.

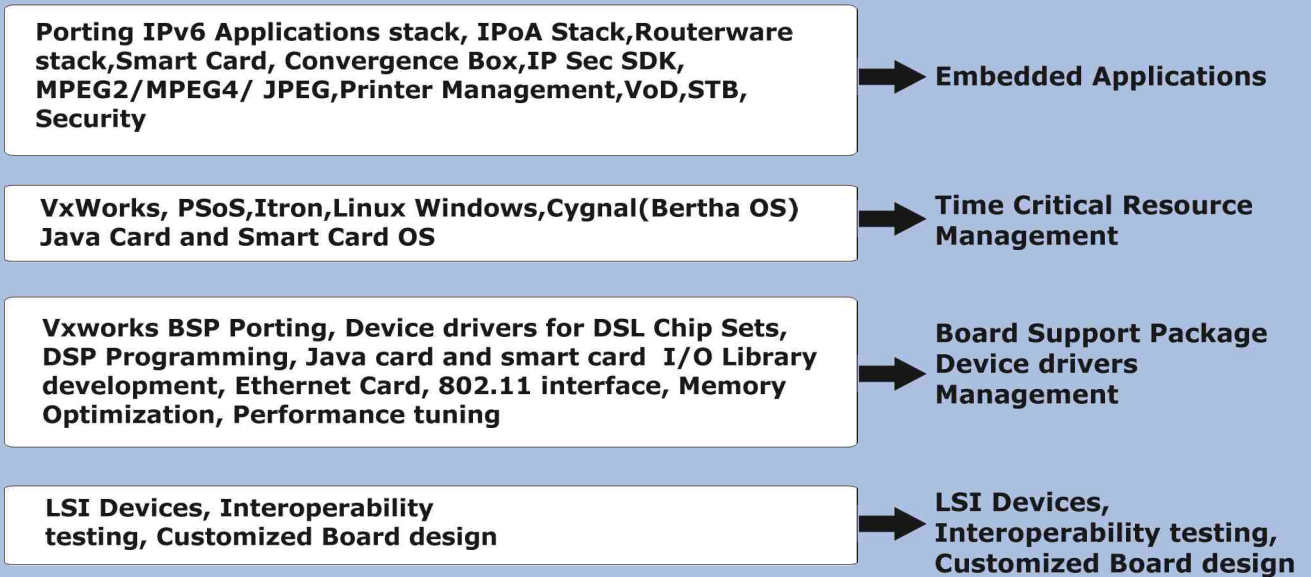
Network - The Change Agent



We cater to wide array of Embedded Services, which include :

- Embedded Application development
- Custom Board Design & Testing
- Microcontrollers and Processors
- Optimization over a wide range of popular RTOS platforms and proprietary Micro-kernels
- Firmware Development
- Protocol Stack development and porting,
- Device drivers and board support Packages
- ASIC design services, development using ASICs and FPGA design.

Network Programs Embedded Technology Expertise :



RTOS Expertise



Chipset Expertise



*The logos depicted hereinabove solely belong to their respective companies.

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Embedded System core competency lies in the following vision driven areas:

Consumer Electronics

Set Top Boxes
DVD Media Player
Printers

Office Product Automation

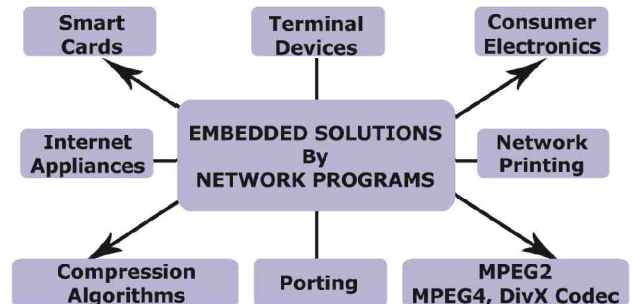
Printer management
USB support for Printer Controller Card
Printer Controller Interface for wireless LAN
Smart Card
Fax/Scanner

DSP/Multimedia

Video on Demand
DVD Media Player

Enterprise Security

IP Sec



Telecommunication & Networking

VOIP
IPQOS
Convergence box
DWDM simulator
Broadband & Narrowband switching based
Smartcard based Workflow & EAI applications

Alliances

To address Embedded marketplace worldwide and foster the development of solutions Network Programs is an active member of Emblix, MS WEP, T-Engine forum and several Standards Organizations. It caters to a diverse range of global clients. To help customer succeed and get ahead of competition, our embedded services are enhanced by:

- A comprehensive set of design services to build feature rich products
- Budget and schedule compliant
- Market understanding and domain expertise
- Real-time multi-threaded application development, minimal error rate, cost effective processing, memory optimization with high quality deliverables.

Quality Testing

Network Programs can also partner with you at any stage and for any part of your QA requirements. We can provide integration tests (integration of several software modules provided by the customer), entire system tests and testing under a simulated environment (during prototyping phase or when the target hardware is under development).

Network Programs can manage the tedious and error-prone aspects of implementing, deploying and running an embedded test environment and help accelerate time-to-reliability for embedded systems developers. Our testing include:

- Test and runtime observation solutions for embedded, real-time and networked systems created in any cross-development environment. We do automated testing, code coverage, memory leak detection, performance profiling, and UML tracing for C, C++, and Ada code.
- Automated testing on devices and systems
- Functional testing : We can test the product for its conformance to the intended features, functionality and usability
- Load testing : We can test the product for proper performance in high load and stress conditions



About Network Programs

Network Programs is a global organization providing software solutions and services with an onsite/offshore software delivery model in leading edge technology areas such as embedded systems, Telecom, Datacom, convergence, Business & Operation support system and a host of NMS projects. It maintains a global presence through its operation from offices in Australia, India, Japan, Middle East, Europe and US.

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