



Intelligent Network Computing



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Company Profile



Company Background

INGRASYS TECHNOLOGY INC.

Ingrasys Technology Inc., founded in February 2002, is a global leading developer in the network computing technologies. Headquartered in Taoyuan, Taiwan, the company has presently more than 250 employees world, over 70% are engineers specialized in network computing technologies developments. Based upon its own innovative SlimServer™ technologies, Ingrasys has maintained a steady growth on the business toward the global market. To effectively manage the growing business, Ingrasys also affiliates with strategic partners in major territories worldwide, such as EU, U.S., Middle East, Australia, Asia, and Mainland China.

Currently, Ingrasys is dedicating to deliver the solid-state networking storage device/server, as well as the full spectrum of intelligent embedded network systems and service solutions for the fast-growing network computing environment. With the core technologies integrating the optimized design of network operating system, software and hardware, Ingrasys provides the breakthrough intelligent network solutions with excellent usability and reliability to our valuable customers.

With extensive experiences in the network computing technologies, Ingrasys Technology Inc. is continuously aiming as the Best-In-Class technology company that connects all our partners to the future growth.

Our Vision upon Network Computing Technologies

As majority of the information technology observers have foreseen, the increasing demands for information flow upon workgroup networks have been strongly impact the network infrastructures. Given the fact that the size of the data in a mid-size company is double every year, the requirements for network-ready information storage appliances will relatively increase. We consider the following issues to be an irresistible trend in the near future:

- Storage architecturally separated from computer and play a role as a network shared device.
- Technology that provides plug-and-play storage capacity expansion capability receives considerable market attention.
- High standard of reliability and stability of server system are more important than ever in the network computing environment.
- The peripherals and devices should feature with network connectivity to perform real-time remote monitoring and management anytime and from anywhere through the network.

Ingrasys presently sets its top priority mission to develop network-attached device/server technologies and strives to achieve the following goals:

- Provides cost-effective network storage solutions with excellent usability and reliability
- Develops a great extent of network applications by evolving non-PC based legacy appliances into Multi-protocol Intelligent Network Devices (MIND)
- Delivers a core set of hardware and software based on our own industry-leading SlimServer™ technology, to provide most cost-effective route to finished the development of innovative products in server hardware and software segments

Our Core Technology

Our Core Technologies

In order to achieve the goals above, Ingrasys developed unique SlimServer™ Technology that integrates professionals and cutting edge technologies as follows:

- **Micro Kernel and Embedded OS**
- **Protocol Stacks**
- **Network File Systems (SMB/CIFS, NCP, NFS, AFP, etc.)**
- **Embedded Device Drivers**
- **Network Management (SNMP, WEB-Based Management application development)**
- **Cost-effective, high-performance hardware platform**
- **High-end server hardware design and server**

Major Milestones

- 1991** Allion Computer Inc. founded
- 1991-1993** International expansion begins with market penetration in Asia Pacific region; Allion gains 35% of network device market in Thailand
- 1995** The Network Storage Servers Division and Intelligent Network Products Division established
- 1996** CD-Serv Introduced
- 1997** FISC CD introduced; received grand awards "Leading Products Development Projects" from Industrial Development Bureau of Taiwan Government; the first generation MIND product -- USHA introduced to UPS application
- 1998** Allion Europe established; announces partnership with Chinese Investment & Development Corporation (CIDC)
- 1999** FISC CDM introduced; USHA gains OEM from the 10 largest UPS manufacturers in the world; FISC CDM gains governmental recognition as standard computer lab equipment of Taiwanese elementary and junior high schools; Allion China branch established
- 2000** FISC CDH server introduced; the second generation MIND product -- USHA+ introduced
- 2001** FISC CDH Rack won the finalist of "Best of Computex Taipei 2001" in Server category; Intelligent Internet Streaming Cache Server received grand awards "Leading Products Development Projects" from Industrial Development Bureau of Taiwan Government
- 2002** Ingrasys Technology Inc. established; NASTorage™ 8100 introduced

Products Offering

Products Offering

◆ Network Attached Storage Server

Since 1996, Ingrasys has introduced a series of network-attached storage servers. By utilizing cutting-edge NAS technologies, Ingrasys servers enable non-professional users to install high-speed and easy-to-use CD/DVD libraries with unlimited scalability in minutes. The R&D efforts received the grand awards from Industrial Development Bureau of Taiwan Government as one of very few winners in the "Leading Products Development Projects" during 1997-1998 and 2000-2001.

Ingrasys introduced FISC-CD Mirror Server (FISC-CDM) in 1999. Supporting eight EIDE hard drives for storing mirror image data, FISC-CDM features outstanding data retrieval speed and storage capacity, up to 640 CD/DVD titles per server. Empowered by our file management software "Mirror Manager," FISC-CDM is also an economical storage server that offloads a file server and the backbone traffic. Highly accepted by the storage solution providers, FISC CDM is now considered as a high performance data archiving and on-line backup server on the market.

In year 2000, Ingrasys launches FISC-CDH, the first NAS server that can uniquely perform both HDD and CD/DVD server functions on the market. The advanced system architecture design can also support RAID 0, RAID 1 and RAID 5 data redundancy functions.

◆ Information Appliances

Ingrasys has developed series of intelligent network appliances that connect different electronic devices or instruments. These state-of-the-art intelligent network appliances (MIND, Multi-protocol Intelligent Network Device) make Non-PC Based appliances remotely manageable on a network with cost effective solutions.

UPS SNMP/HTTP Agent (USHA) series products are one of the successful models. USHA enables network administrators to remotely configure and monitor the UPS through LAN and the Internet. Utilizing SlimServer™ technology, USHA can identify and notify every network server/client, in which shutdown software has been installed, of all UPS power events, and safely shut down the servers/clients.

The USHA technology has been widely adapted by most of the main UPS manufacturers worldwide. Ingrasys is one of very few companies that incorporate the advanced network management functions into the UPS.

◆ PC Server and Server Management software

Today's servers need to run mission-critical applications without downtime; therefore, server systems need to be capable of high reliability and stability. With superb experiences in optimized server hardware design and server software development, Ingrasys's server products team aims to incorporating the most advanced technologies to deliver high quality, reliability, stability server products for our customers.

At Ingrasys, we don't just offer the server hardware design, but to develop server management software that prove our competitiveness. The leading-edge server management software development can help users to configure, monitor, manage and diagnose the server system remotely while to give users more server uptime, increase user's satisfactions and lower support costs.

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