



APSOFT COMPANY OVERVIEW

Mission

We help computer work smoothly. Our mission is to provide non-standard and focusing most advanced technologies software to extend computer's capabilities and enhance user-experience.

Business

APSoft is an innovative provider of software products and software development services for PC industry. APSOFT is mainly focused on custom development of device drivers and application software in most advanced areas of modern computer technology.

The company is privately owned and finances its own growth both in respect of design, development and its international activities. Its resources are fully commensurate with its strategic business plans and forecasts. Sole rights to the CardWare® products were acquired.

Expertise

APSOFT's expertise covers PCI, PCMCIA, USB, IEEE-1394, DMI, ACPI and several other advanced technologies. Company has an extensive experience in development of device drivers for all Microsoft Operating Systems from DOS till Server 2003, IBM OS/2 and several Real-Time OS. On demand of our customers we produced drivers for most of computer peripheral, as well as File-System drivers, Filter drivers etc.

APSOFT has a wide experience in development of pre-boot products (software running without any OS support) and OS kernel development.

In addition to development services to third parties, APSOFT develops three groups of products: CardWare®, DOS Point Enablers and Advanced Development Tools. Company products are sold to OEM customers and via Internet.

List of our customers includes almost all Tier 1 OEMs as well as various governmental structures such as NASA or US Navy.

History

APSOFT was founded in 2000 by Mr. Alexei A. Piatetsky based on team of talented engineers working with Mr. Piatetsky since many years. Prior to founding APSOFT, Mr. Piatetsky worked in management team of several international corporations such as Digital Research, Inc (acquired by Novel Inc.), Award Software International, Inc. (acquired by Phoenix Technologies Ltd., NASDAQ: PTEC), TouchStone Software Inc. (now TouchStone Capital Group) and Mobility Electronics Inc. (NASDAQ: MOBE).

As chief-architect, Mr. Piatetsky led development of such product lines as CardWare® (Award Software International, Inc), Norton Commander® (Symantec, Inc.), EasiDock® (Mobility Electronics, Inc) and CheckIT® (TouchStone Software, Inc).

Mr. Piatetsky participates in work of International Standard Organizations (PCI-SIG, PCMCIA) and co-authored several parts of International PC Card Standard.

Mr. Piatetsky is also co-author of several US and European patents.

CardWare®

Development of CardWare® product line was started in 1993 for Award Software International. CardWare® was shipped pre-installed by large OEMs such as Toshiba, Compaq, Digital Equipment, NEC and many others. More as 4 Mio CardWare licenses were sold.

CardWare® 7.0 is set of products providing complete solution for support of hot-swappable PC Cards in different OS, including DOS, Windows 3.x, Windows 95, Windows 98, Windows ME, Windows NT 4.0, Windows 2000, Windows XP and Windows Server 2003.

Under PnP OS CardWare enhances PnP support included into Operating System providing standard Card Services API and support for PC Card Adapters and PC Card Devices not supported by the OS itself. Under non-PnP OS (e.g. Windows NT 4.0) CardWare provides complete stack of PC Card Drivers.

Compliant with latest PC Card Standard, CardWare 7.0 products provide user with standard Card and Socket Services API and with set of enablers for all common card types (LAN, WLAN, SCSI, Modem, ATA, Flash, SRAM, etc). Nice and Handy User Interface provides a centralized place for fine-tuning of PC Card Configurations.

The CardWare® Product line also includes CardWare SDK – Set of development tools, samples and documentation addressing needs of PC Card application and driver developers.

Finally CardWare® Product line includes sources of Boot ROM and several drivers for IBM Warp OS/2 system.

CardWare® products are sold to OEM customers and via Internet.

DOS Point Enablers

Point Enablers for DOS are designed especially for management tasks such as computer backup and restore, hard disk cloning and so on. Both: Norton Ghost and PowerQuest Drive Image are supported under MS-DOS and Windows 9x DOS.

In difference with full-featured PC Card Support software (such us APSoft CardWare®), Point Enablers do not provide hot-swap or power management support. However, Point Enablers provide an advantage in disk space, memory requirements and loading speed. In addition, PCI Point Enablers are very cooperative with Computer BIOS. For example, loading of PCI USB 2.0 enabler should not disturb functionality of USB keyboard and mouse enabled by properly written USB BIOS.

DOS Point enablers cover all main bus-types allowing attachment of an external storage device to computer: PCMCIA, USB, IEEE-1394 and SCSI.

All Point Enablers for DOS provide built-in support of mass-storage devices (such as Hard Disk and/or CD-ROM/DVD-ROM). No extra-drivers required, however all popular third-party drivers (such as Adaptec EZ-SCSI or Cypress Semiconductor Corporation DUSE 4.x) are supported.

DOS Point Enablers are sold to OEM customers and via Internet.

Advanced Development Tools.

APSoft offers a set of powerful engineering tools designed for advanced software and hardware development. Our tools were initially developed in frame of our own development projects and offer unprecedented level of information about Hardware details and software interfaces. Each tool is an industry leader in his area:

- **PCIScope** a powerful tool designed to explore, examine and debug PCI subsystem of your computer. It was made to fit the requirements of the most demanding users, especially engineers, programmers and system administrators, and to integrate all advanced functions and tools into one product.
- **DMIScope** a powerful tool designed to explorer System Management BIOS (SMBIOS) also known as DMI BIOS. Some implementations of SMBIOS contain vendor specific information. DMIScope gives you a unique possibility to add description of such structures via simple text file.
- **ACPIScope** ACPIScope is the advanced tool for visualization and debugging of ACPI information from BIOS, system registry and compiled ACPI files.
- **IRPTrace** a tool that watches I/O request packages (IRP) sent to kernel-mode driver(s) of Windows NT 4.0, Windows 2000 or Windows XP. Information about IRP requests can be sent to remote debugger and/or saved to a file. The collected information is available for instantaneous or deferred analysis, which makes this tool indispensable for debugging and support of device drivers
- **CISInfo** An application that interprets Card Information Structure (CIS) from PC Cards. Compatible with latest PC Card Standard, CISInfo represents all details of CIS in human readable form. CISInfo operates under any of Microsoft OS.

APSoft Development tools are used by engineers of such corporations as IBM, Intel, AMD, Dell, HP and many others. APSOFT development tools are sold via Internet.