

# Ardence

a Citrix Company

## KEY FEATURES



### Ardence Select at a Glance

- Enables multi-purpose device functionality on a single operating system
- Instant On/Off minimizes boot time, ends long shutdowns
- Makes devices corruption and virus proof
- Enables immediate, full recovery by cycling the power
- Protects OS and key partitions from malicious software
- Intuitive interface results in reduced time to configure and manage
- Support for Microsoft Windows® Vista™
- Compatible with all x86-based architectures

## Ardence Select™

### Delivering Multi-functional Devices on a Single Operating System

Device manufacturers worldwide are experiencing increased market demand for Windows-based devices that can perform multiple functions. Consumers want a single device that operates as a PC, IP television, DVR, and DVD player. Retailers need kiosks and POS terminals to have multi-functionality that will enable operational flexibility. In Health Care, multi-functionality for medical devices is becoming essential. Soft PLCs must quickly configure to suit factory demands. Until now, these devices have generally required multiple operating systems, or additional hardware, to deliver the desired functionality – more complexity, longer development cycles, and additional license costs - no longer. Ardence Select's breakthrough capabilities eliminate the need for multiple operating systems, giving OEMs a distinct competitive advantage and lower system-development costs.

### OVERVIEW

Uniquely, Ardence Select enables OEMs to deliver devices with multi-purpose functionality on a single operating system. This breakthrough reduces the time, effort and expense required to create multifunctional devices. System configurations can be instantly booted and applications made immediately available in pre-configured states for optimized user experiences and productivity. Ardence Select enables true multi-purpose functionality – on-demand.



Example of Ardence Select configuration for multimedia

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## ARCHITECTURE SCENARIOS:

- Most PC/multi-media systems require two operating systems – one to provide the Windows PC user experience and another for the “Media” part that requires specific codecs and applications to be available on demand – TV, IPTV, DVD etc. The primary OS delivers the expected user experience when the system is in “PC mode” and when the system is booted to “Media” mode, a second OS provides the media-related functions and applications. Ardence Select eliminates the need to have a “Media” mode OS by enabling pre-configured snapshots that allow the “PC mode” OS to provide media applications.
- Today, if a single-purpose device (e.g. a medical device) needs to be used in a slightly different configuration – different user interface and values – the user, or someone in IT, must reconfigure the system to the new interface, values and settings. With Ardence Select these different settings can be pre-configured and ready to run with a simple reboot.

## INSTANT ON/OFF

Ardence Select ensures instantaneous device operability without consuming valuable battery power or requiring devices to be left in “sleep” modes. It bypasses the driver loads, OS boot, network configuration, and application loading by accessing a pre-configured environment – bringing a device to full operability in seconds. Ardence Select enables instant power off as well.

## CORRUPTION AND VIRUS RECOVERY

Ardence Select systems are fully protected from operating system corruption by power loss or unintentional shutdown. Any problems the device encounters are fixed by simply powering it off and turning it back on – the system is immediately restored with no need for tech support or reinstallation.

Because Ardence Select systems utilize pre-configured, hardened environments, viruses and other malware cannot permanently install into the system. Malware is instantly purged by turning the devices off and back on. Ardence Select protects key partitions while leaving writeable partitions for saving data, including use with removable storage.

## HARDWARE REQUIREMENTS

- Intel x86 or compatible processor
- Minimum 512MB of RAM
- ACPI-compliant support
- IDE, UltraATA and Serial ATA hard drives

## SOFTWARE REQUIREMENTS

- Microsoft Windows® Vista™
- Hibernation function enabled

## INDUSTRIES

- Media PCs
- Medical Devices
- Retail/POS and Kiosks
- Test and Measurement
- Simulation
- Automation

## Ardence, a Citrix Company

Ardence, a Citrix Company, develops software platforms for the on-demand world. The Ardence Software-Streaming Platform increases IT agility by delivering operating systems and applications on-demand from the network to desktops, servers and devices. The Ardence Embedded OEM Development Platform delivers market-leading operating system control capabilities that enable OEMs to increase system performance and manageability.

Citrix Systems Inc., (NASDAQ: CTXS) the global leader in application delivery infrastructure, acquired Ardence in January 2007. Ardence is headquartered in Waltham, MA and has a global distribution and reseller channel. Additional information about Ardence can be found at [www.ardence.com](http://www.ardence.com)

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