

NEWS ANNOUNCEMENT

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CES 2012 Flash: Incompatibility Between Digital Multimedia Devices is Eliminated with Paragon's UFSD Cross-Platform Technology

LAS VEGAS, CES, January 6, 2011 – [Paragon Software Group \(PSG\)](#), the technology leader in mobile device and embedded system solutions, showcases its [Universal File System Driver \(UFSD\)](#) – a cross-platform software tool providing full support for exFAT file systems in all types of consumer electronics devices, regardless of the platform on which they are running, at [ShowStoppers @ CES 2012](#). Paragon's UFSD technology solves incompatibility issues between NTFS, HFS+, and exFAT file systems and popular operating systems, including Android, Linux, ThreadX, and Windows CE. With Paragon's UFSD support for all popular file systems built into modern digital devices, consumers can enjoy issue-free compatibility between their media centers, digital televisions, set-top boxes, or any digital device with USB, SD, or Micro SD sockets and those used to format storage media, such as portable HDDs, in order to freely playback recorded video and audio regardless of file system type.

Modern multimedia systems based on popular embedded operating systems provide the ability to play multimedia files. Common storage incompatibility issues arise when launching multimedia files from storage media formatted on Windows, Mac OS or from modern high-capacity SD XC cards on devices that do not support the media format, such as Linux multimedia stations that work only with FAT or Linux-native file systems. With Paragon's cross-platform technology, barriers between multimedia devices and media file systems are eliminated, allowing users to enjoy multimedia devices that can write data to and read data from external media of any file system. Paragon's UFSD technology makes it possible to process unsupported partitions to browse contents, read and modify files, copy and create new files and folders, and more, while maintaining high-performance read/write access and speedy file transfers.

Key Features include:

- Full read/write access: existing files can be read, modified or deleted, while new files can be created or copied.
- Easy to use: after integration with operating system, NTFS, HFS+ or exFAT partitions are mounted as native ones.
- Non-Roman characters and languages: File and folder names in national languages, including Chinese, Korean, Japanese, Russian.
- Low system requirements: low CPU utilization during data transfer and small memory footprint.

- Additional tools (including format, detect, check and repair file system)
- No limitation to maximum file/partition size.
- Low memory consumption (170 KB to mount exFAT file system).
- Compact driver module (under 200 KB for x86 platform).
- High performance.
- Compatible with latest 3.1 Linux Kernels (Android uses Linux Kernel).
- Compatible with x86, ARM, MIPS, PowerPC and SH4 CPU architectures.

Paragon's UFSD technology was recently chosen by the number-one SoC provider to the U.S. DTV market to tackle the incompatibilities between its ThreadX-based digital multimedia devices and portable storage devices formatted for popular file systems that are not natively supported by the ThreadX operating system. For more information on this and other cross-platform solutions, please contact technology@paragon-software.com, or visit us at ShowStoppers @ CES 2012, Table B11.

About Paragon Software Group

Paragon Software Group is an innovative software developer focused on two dynamic growth markets. The company's comprehensive product line for the data storage market addresses the needs of data security, storage and management for PCs, servers and networks. A second portfolio of products focuses on mobile productivity applications for handheld devices. Founded in 1994, Paragon Software has offices in the USA, Germany, Japan, and Russia, delivering its solutions to consumers, small business and enterprise clients worldwide through a network of Value Added Resellers, distributors and OEMs as well as online through the company website. Paragon Software provides technology to a host of world class companies and partners including Cisco, Dell, Toshiba, NEC, Siemens, Microsoft, Motorola, Nokia, and more. For more information please visit the company website at www.paragon-software.com.

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