

## Press Release

November 12, 2019

eSOL Co., Ltd.

### **eSOL's PrFILE<sup>®</sup>2 exFAT File System Adopted in Nintendo Switch Lite**



Tokyo, Japan. November 12, 2019 - eSOL, a leading developer of real-time embedded software solutions, today announced that its PrFILE<sup>®</sup>2 exFAT file system has been adopted for use in the Nintendo Switch Lite, a dedicated handheld play game console marketed by Nintendo Co., Ltd. that combines the console and controllers of the Nintendo Switch<sup>™</sup> in a single unit. Optimized for large storage media with capacities exceeding 32GB, PrFILE2 exFAT provides file access functions with high-speed reading and writing of data on memory cards that users may insert into the Nintendo Switch Lite. Those include high-capacity microSDXC cards as well as microSD and microSDHC cards.



The PrFILE2 exFAT file system supports FAT12, FAT16, FAT32 and exFAT. It can handle large files at high speed, including video, music, or photographs stored on high-capacity devices such as USB memory sticks or external hard disks that are too large for the legacy FAT32 file system. It also features numerous functions demanded by digital cameras and other consumer electronic devices, such as a rapid reverse-seek function for file pointers that is essential for features like high-speed rewind and functions for keeping damage to the file system to a minimum in the event of a disconnection of the power supply or memory device, while still retaining the features of FAT12, FAT16, FAT32, and file systems supporting VFAT (long filenames). It also provides support for the requirements of products designed for international markets, including multilingual support, dynamic switching of text codes and a Unicode support option.

- ▽ For more information about Nintendo Switch Lite, please visit:  
<https://www.nintendo.co.jp/hardware/switch/lite/index.html>
- ▽ Nintendo web site: <https://www.nintendo.co.jp/index.html>
- ▽ Case studies of eSOL product users: [http://www.esol.co.jp/successstory/rtos\\_middleware.html](http://www.esol.co.jp/successstory/rtos_middleware.html)
- ▽ For more information about PrFILE2 exFAT, please visit: <https://www.esol.co.jp/embedded/prfile2-exfat.html>



#### ■ Additional Information

About eSOL Co., Ltd.

Founded in 1975, eSOL is a leading company in the embedded systems and IoT business that seeks to create a rich IoT society using its innovative computer technologies. eSOL's software platform products and professional services, centered around its real-time operating system technology, are used worldwide in most embedded application fields, starting with automotive systems, which conform to the most stringent quality standards, and including industrial equipment, satellites, medical and digital consumer electronics. In addition to the research and development of its own leading-edge products, and joint research with major manufacturers and universities, eSOL is actively engaged in AUTOSAR and Multi/Many-Core technology standardization activities.

\* Nintendo Switch is a trademark of Nintendo.

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\* Other company or product names are trademarks or registered trademarks of their respective companies.

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