

Press Release

## **Extremely reliable: the new Swissbit C-400 series CompactFlash™ card**

**Bronschhofen, Switzerland – March 7, 2012 – The new C-400 series CompactFlash™ card from Swissbit offers the highest possible level of reliability that is currently available for non-volatile memory. This is achieved through well designed wear leveling, read disturb management and the BCH-ECC (Bose-Chaudhuri-Hocquenghem-Codes) unit, which can correct up to 24 bits per 1024 bytes using a tried-and-tested procedure. The S.M.A.R.T. values enable 100% transparency while reducing field problems to a minimum in combination with other monitoring methods. The “Power Fail” secure C-400 series with optimized TCO (Total Cost of Ownership) is the ideal storage solution for numerous sectors, including industry and automation, medicine, transportation and communication/networks.**

SLC (Single Level Cell) flash storage cells, which have been evaluated and tested at an extremely high level, and specially optimized algorithms for flash handling also help to ensure the extremely high level of reliability provided by the new C-400 series. Thanks to S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) protocols and Life Time Monitoring, users are always aware of the actual condition of the CompactFlash™ cards, which means sudden and unexpected failures can be avoided. If requested by the customer, Swissbit can also add additional command sets to these monitoring mechanisms in order to provide even more transparency.

The Low Power C-400 CompactFlash™ cards have a maximum power consumption of 0.6W. They include UDMA6 (Ultra-Direct Memory Access), which provides data transfer rates of up to 65 MB/s, and are compatible with the CF Specification Rev. 5.0, 4.1 & 3.0.

The C-400 series, which has been designed for temperature ranges of -40°C to 85°C and 0°C to 70°C, should be available from April with storage densities

of between 2 and 64GB. Smaller densities will be available at a later date. In accordance with the Swissbit philosophy, long-term availability with a fixed BOM (Bill of Materials) as well as shock and vibration resistance are guaranteed. What's more, Swissbit Design-In is available to provide support with its own inhouse system and storage specialists.

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**About Swissbit ([www.swissbit.com](http://www.swissbit.com)):**

Swissbit is the largest DRAM memory module and Flash storage device manufacturer in Europe. Created from a management buyout of the Siemens HL Business Unit in 2001, Swissbit has today facilities in Switzerland, Germany, Japan, and the United States. Swissbit offers industrial DRAM memory modules in all popular technologies and Flash industrial storage product families including SSD (SATA and PATA interfaces), m-SATA, slim-SATA, CFast, CF, SD, uSD, MMC and USB. All Swissbit products meet highest quality criteria and RoHS and REACH directives. The target markets for the Swissbit products are industrial electronics, automotive, railway technology, wired telecommunications, medical electronics as well as aerospace/defense. Additional company and product information is available at [www.swissbit.com](http://www.swissbit.com).

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