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## **SVMi Product Line on Data Grade UPSs**

The purpose of this Samsung Technical Bulletin is to notify Authorized Dealers of Samsung's recommendation for deploying an Uninterruptible Power Supply (UPS) on SVMi installations.

It is common knowledge that personal computers (PC) in general are susceptible to fluctuations in power. Many manufacturers of PCs insist they be installed on special "Data" grade outlets and with UPS equipment. To help protect data from corruption due to power fluctuations as well as other causes and to minimize recovery time, frequent Backups are also often required. What is not common is the knowledge the fact the "in-skin" SVMi is a PC configured as a single board. Therefore, like a standard PC, it is also susceptible to fluctuations in power.

Samsung strongly recommends a Data Grade outlet and UPS be installed with the SVMi "In-Skin" equipment, especially if it utilizes a Compact Flash card. The size of the UPS will vary based on the size of the complete system (more specifically the amount of current drawn) and the length of "UP" time required after a power loss.

Line conditioners will protect for very short (milliseconds) disruptions, but only a UPS will protect against an unscheduled disruption to power and the subsequent uncontrolled shut down of the SVMi. Installing a UPS will help protect the integrity of the data contained within the SVMi product.

There are many UPS systems on the market. The American Power Pro Line series offers full AC line conditioning as well as Battery power for Brown and Black out periods. Tripp Lite is another manufacture that offers models with both conditioning and Battery power.

*If you have any questions about this or any other Technical Support bulletins please contact Samsung Technical Support by phone at 1-800-737-7008 or by email at: [BCS.Support@Samsung.com](mailto:BCS.Support@Samsung.com)*

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Samsung Telecommunications America  
Business Communications Systems  
1301 East Lookout Drive  
Richardson, TX 75082

**800-876-4782**

**[www.samsungusa.com/bcs](http://www.samsungusa.com/bcs)**