Date: Thursday, February 12, 2009

Number: TAB-09-004

To: Latin American Sales Channel

Notice: GS3055-IG/IGW Flash Update Utility (LATAM)

This is to advise you that DSC has released the GS3055-IG/IGW Flash Update Utility which is now available at <u>www.dsc.com</u>. To download the utility log onto the protected area of our website and go to Product – Software – Flash Updates.

By following the instructions of this user-friendly software, the firmware of the GS3055-IG/IGW GSM/GPRS Universal Alarm Communicators can be updated to the newest v3.13 LATAM firmware when necessary.

For further information, please contact DSC Technical Support at 800-387-3630 or tech@dsc.com.

Note: Please refer to instructions on how to perform upgrade on following pages.





Upgrading the GS 3055-IG/IGW

Tools Required

1. DSC Flash Utility

2. Windows PC with one of the following versions of Windows:

- Microsoft® Windows® XP Home Edition*
- Microsoft® Windows® XP Professional Edition*
- Microsoft® Windows® XP Media Center Edition*
- Microsoft® Windows® Vista Basic Edition*
- Microsoft® Windows® Vista Home Premium Edition*
- Microsoft® Windows® Vista Business Edition*
- Microsoft® Windows® Vista Ultimate Edition*
- 3. Microsoft® .NET Framework v3.5 installed (get it here: <u>www.microsoft.com .NET Framework 3.5</u>)
- 4. Available Serial Com Port

5. Desired GS3055-IG/IGW Flash file – use DSC Flash Utility to obtain this from the DSC FTP site **before** visiting the installation site (Internet connection required)

- 6. Null Modem Cable
- 7. Jumper (2 pin header)

*Microsoft® and Windows® are registered trademarks of Microsoft Corporation



Using the DSC Flash Utility

1. Welcome

Each step of the process will be described in detail in the DSC Flash Utility. Follow each step in order.

📟 DSC Flash Utility (B	uild 1.0.3176.23846)	? ×
1	GS3055-IG/IGW Flash Utility - LATAM	
	This wizard will guide you through flashing the new firmware	
	Power the module down	
DSC	Connect the serial cable to the GS unit now. Remember that a NULL modem cable is required.	
	3 Put jumper on PRG pins on the board, ensuring that they are shorted together.	
G\$3055-J	Power the module back up	
	Click [Next] to continue	
1 Help	🗰 Back Next 👄 Cance	el 🔀
	Ready	



2. Get the New Firmware File

Before visiting the installation site, use the DSC Flash Utility to obtain the updated firmware file from the DSC FTP site.

Clicking the "WEB" button will open a dialog to browse the available firmware files on the DSC FTP site (Note: Internet connection required for this step).

Select and save the desired firmware file to the PC.

When flashing firmware, select the correct Com Port, select the desired file that is saved on the PC and click Next.

😁 DSC Flash Utility (Bu	ild 1.0.3176.23846)	? ×
	Data Collection Select the COMPORT COM1 Select the Flash file C:\Documents and Settings\lhou\Desktop\GS303 Device Type: GS3055-IG/IGW File Version: 313 File Build: 007 File Date: January 27, 2009	55IG-IGW_LATAM_v313_007.flash
) Help	Click [Next] to continue Ready	<table-cell> Back Next 🤿 Cancel 🔀</table-cell>





3. Firmware File Info

This screen will display the firmware details of the module prior to the update process, and details of the new firmware file to be flashed.

Should a call to Technical Support be required, this information will be helpful.

🚟 DSC Flash Utility (B	uild 1.0.3176.23846)		? ×
	Current Module Info		
	Current Settings (software in the module) Program Version: 211 Program Build Number: 020 Program Checksum: unknown Part Identification: LPC2103 Boot Code Version: 22		
	New Settings (software to be flashed) Device Type: GS3055-IG/IGW File Version: 313 File Build: 007 File Date: January 27, 2009		
G83055-1	Click [Next] to load this Flash version.		
() Help		🔷 Back 🛛 🔍 Next	🔹 Cancel 🔀
	ready to program		

4. Execute the Firmware Update

After confirming the firmware file details, the DSC Flash Utility will flash the new firmware to the unit. This step may take several seconds.

* Note – Do NOT interrupt this step

DSC Flash Utility (Build 1.0.3176.23846)		
	Upload new flash file to the device Uploading Flash File Contents Please Wait	
(i) Help	writing to RAM	🙀 Back Next 🔿 Cancel 💌





5. Reset and Factory Default

The unit will require a Reset to begin using the new firmware.

Follow the directions carefully.

* Note - ensure that Jumper has been removed

🔤 DSC Flash Utility (Bu	ild 1.0.3176.23846)		? ×
1	Reset Unit		
	Power down the unit, and remove the jumper from PRG pins		
DSC	Wait 20 seconds, then power the module backup 1)Reconnect battery first 2)Reconnect 12VDC.		
G\$3058-1	Click [Next] to continue		
<u> </u>		<mark> </mark>	Cancel 🔣
	Ready		



6. Flash Complete and Program/Test the System

DSC

After completing the firmware update process, please use the GS3055-IG/IGW Programming Console to program the unit.

Always test the system before leaving the installation site.

📟 DSC Flash Utility (Bu	ild 1.0.3176.23846)		? X
	Finished		
	Program Version: 313 Program Build Number: 007 Program Checksum: 3E96 Part Identification: LPC2103 Boot Code Version: 22		
QS3055-1	Click [Back] to flash another unit, or [Finish] to close	Back Finish Cancel	R
	Finished		, tail



