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NOTICE OF PRODUCT DISCONTINUANCE

Dear Valued Customer,

This letter is to inform you that iFoundry will be upgrading the IFSYS-8001A product to IFSYS-8001B. iFoundry needs to make this transition due to the fact that IFSYS-8001A is not RoHS compliant. Customers are encouraged to migrate to the IFSYS-8001B as soon as possible.

Effective from 1st February 2007, iFoundry will cease to accept orders for the IFSYS-8001A product. Pre-existing orders for IFSYS-8001A up to this date will be serviced, but may be limited by available stocks. Customers who have purchased the IFSYS-8001A will continue to receive support for the product under existing warranty terms.

IFSYS-8001B is a direct replacement for IFSYS-8001A in the majority of applications. However, there may be specific cases in which IFSYS-8001B may require work-arounds. Please refer to the section "**DIFFERENCES BETWEEN IFSYS-8001B AND IFSYS-8001A**" further on in this notice regarding the differences between IFSYS-8001B and IFSYS-8001A.

PRODUCT PART NUMBERS AFFECTED BY THIS ANNOUNCEMENT AND SUGGESTED REPLACEMENTS

Product model	Product name	Status	Order number	
			Bulk Packed (":3101" option)	Retail (":1101" option)
IFSYS-8001A	IrDA PC Adaptor	Discontinued	FGTH01195	FGTH01352
IFSYS-8001B	IrDA PC Adaptor	Replacement for IFSYS-8001A	FGTH01855	FGTH01110

For updated pricing information on IFSYS-8001B or if you need any other clarification, please contact iFoundry or our representatives:

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Thank you for your cooperation in this product transition. We regret any inconvenience that the introduction of the IFSYS-8001B may cause your organization. Our support staff and representatives are available to assist you in any way possible.

DIFFERENCES BETWEEN IFSYS-8001B AND IFSYS-8001A

To assist you in the transition from IFSYS-8001A to IFSYS-8001B, the following table summarises the key features of both products. Entries in bold indicate differences.

Feature	IFSYS-8001A	IFSYS-8001B	Notes
Regulatory certification	FCC & CE	FCC & CE	
RoHS compliance	**No**	**Yes**	
Interface	Serial port (TXD, RXD, DTR and RTS)	Serial port (TXD, RXD, DTR and RTS)	
Speed Switching scheme	**DYNAMIC or STATIC**	**STATIC**	Refer to section below for details.

"STATIC" SPEED SWITCHING SCHEME

The STATIC scheme uses a level signaling approach to changing speed. This is set by the static state of two signals RTS and DTR, which allow for one of three possible speeds. The fourth combination, in which DTR and RTS are both set to high voltage, effectively powers off the adaptor.

Speed is selected by programming the state of the RTS and DTR according to the following table.

STATIC SWITCHING SCHEME		
RS232 signals		Speed (bps)
RTS	DTR	
-12V	-12V	Adaptor is powered off.
+12V	-12V	9,600
-12V	+12V	19,200
+12V	+12V	115,200

How will this affect you?

IFSYS-8001B will be a suitable upgrade for IFSYS-8001A if:

- you use this scheme in your application, or
- you use the adaptor with Microsoft Windows' built-in infrared capability.

"DYNAMIC" SPEED SWITCHING SCHEME

The DYNAMIC speed switching scheme is a switching scheme which involves the toggling of the RTS and DTR signals in the manner detailed below. Toggling the DTR signal cycles the speed. This scheme effectively allows the adaptor to support all physical baud rates from 9,600bps through 115,200bps.

The table below describes the sequence for the DYNAMIC speed switching scheme.

DYNAMIC SWITCHING SCHEME				
RS232 signals		**Speed (bps)**	**Description**	**Notes**
RTS	**DTR**			
-12V	-12V	Adaptor is powered off.	Adaptor is plugged-in by user. No power is currently being supplied to the adaptor.	
+12V	+12V	115,200	Powered up condition.	
-12V pulse	+12V	115,200	Resets adaptor to 115,200 bps	Reset adaptor
+12V	-12V pulse	57,600	Sets adaptor to 57,600 bps	
+12V	-12V pulse	38,400	Sets adaptor to 38,400 bps	
+12V	-12V pulse	19,200	Sets adaptor to 19,200 bps	
+12V	-12V pulse	9,600	Sets adaptor to 9,600 bps	
+12V	-12V pulse	4,800	Sets adaptor to 4,800 bps	Non-IrDA
+12V	-12V pulse	2,400	Sets adaptor to 2,400 bps	Non-IrDA

How will this affect you?

The IFSYS-8001B can replace the IFSYS-8001A in this case provided the switching scheme is changed to the STATIC switching scheme described earlier.