



ComOS 3.8.3piafs Release Note for the PortMaster 3

The new Lucent Technologies ComOS® 3.8.3piafs software is now released for the PortMaster® 3 Integrated Access Server. This release is provided at no charge to all Lucent customers.

This release note documents commands and features added between ComOS 3.8.2 and ComOS 3.8.3piafs on the PortMaster 3.

Do **not** upgrade to this release if you are not using PIAFS cards.

This release note applies only to the PortMaster 3.

New Feature

ComOS 3.8.3piafs supports the Personal Handyphone System (PHS) or PHS Internet Access Forum Standard (PIAFS). PIAFS is a form of wireless ISDN commonly used in Japan. This release supports 32Kbps connection speeds. This release does not support 64Kbps over PIAFS or V.42bis over PIAFS.

You must use PIAFS modem cards (MCM-PM3-10, PortMaster 3 10-port Mobile Communications Card) in your PortMaster 3 to accept PIAFS calls.

This release adds support for the PIAFS Port-Type (6) in RADIUS. Add the following line to your RADIUS dictionary, then kill and restart your **radiusd** server.

VALUE	NAS-Port-Type	PIAFS	6
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Upgrade Limitation

There have been reports that following certain upgrade paths while operating Microsoft Windows 95 clients running Japanese version 950A sometimes results in a Windows “blue screen” crash. Windows 98, Windows NT, and newer versions of Windows 95 have not displayed this behavior.

If this problem occurs, report the problem to Lucent Japan.

Reformatting the PortMaster 3 nonvolatile RAM, netbooting, and reconfiguring the PortMaster 3 reportedly fixes the problem.

Upgrade Instructions

You can upgrade your PortMaster 3 using PMVision 1.3, **pmupgrade** 4.0 from PMTools, or the older programs **pminstall** 3.5.3, PMconsole 3.5.3, or PMconsole for Windows 3.5.1.4, or later releases. You can also upgrade using TFTP with the **tftp get comos** command from the PortMaster command line interface.



Caution – If the upgrade fails, do not reboot! Contact Lucent Remote Access Technical Support without rebooting.

The upgrade process on the PortMaster 3 erases the configuration area from nonvolatile memory and saves the current configuration into nonvolatile memory. Never interrupt the upgrade process, or loss of configuration information can result. This upgrade does not otherwise affect your stored configuration in the PortMaster 3.

The installation software can be retrieved by FTP from **ftp://ftp.livingston.com/pub/le/software/**, and the upgrade image can be found at **ftp://ftp.livingston.com/pub/le/upgrades**:

ComOS	Upgrade Image	Product
_____	_____	_____
3.8.3piafs	pm3_3.8.3	PortMaster 3

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Contacting Lucent Remote Access Technical Support

Support for PIAFS is being provided by Lucent Japan. Support includes configuration and troubleshooting. Please call +81-3-5561-3200 for support.