

ComOS 4.0.3 Release Notes for the PortMaster 4

Lucent Technologies
Bell Labs Innovations



Introduction

The new Lucent Remote Access (formerly Livingston Enterprises) ComOS® 4.0.3 software is now released for the PortMaster® 4 Integrated Access Concentrator. This release is provided at no charge to all Lucent customers. This release note documents bugs fixed between releases ComOS 4.0 and ComOS 4.0.3 on the PortMaster 4.

This release note applies only to the PortMaster 4. Before upgrading, thoroughly read "Upgrade Instructions."

Contents

- Bugs Fixed in ComOS 4.0.3
- New Features in ComOS 4.0.3
- Upgrade Instructions
- Contacting Lucent Remote Access Technical Support

Bugs Fixed in ComOS 4.0.3

The following bugs have been fixed in ComOS 4.0.3.

- Improved Modem Support
- The same improvements made on the PortMaster 3 in ComOS 3.8.2 are now part of ComOS 4.0.3.
- A timing problem with V.32 modems is fixed.
- A rate renegotiation and retrain issue with U.S. Robotics (USR) V.90 modems is fixed.
- A disconnect problem that occurred when V.90 falls back to V.34 is fixed.
- A timing problem with LT WinModems is fixed.
- A USR V.90 "No Connect" problem is fixed.
- A latency problem is fixed, improving ping times and reducing game latency.
- A V.34 renegotiation issue is fixed (including the upstream part of V.90 and K56flex).
- An A-law rate renegotiation problem is fixed.
- The LAPM retransmitter in V.90 is improved.
- European PRI Net5 Layer 2 Bug Fixed

-
- When using the Net5 ISDN switch type, the PortMaster 4 now attempts to activate Layer 2 if it is inactive during a dial-out attempt or when an inbound call arrives. In previous releases, if a Net5 ISDN switch initiated a Layer 2 inactive state, the PortMaster 4 did not activate Layer 2 again before attempting an outbound call, and the call failed. Likewise, if Layer 2 was down and an inbound call arrived, the PortMaster 4 did not activate Layer 2 and did not answer the call.

New Features in ComOS 4.0.3

No new commands or features have been added in ComOS 4.0.3.

Upgrade Instructions

You can upgrade your PortMaster 4 using PMVision 1.2, pmupgrade 4.0 from PMTools, or using 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 4 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 4.

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
4.0.3	pm4_4.0.3	PortMaster 4

Copyright and Trademarks

Copyright 1999 Lucent Technologies. All rights reserved. PortMaster, ComOS, and ChoiceNet are registered trademarks of Lucent Technologies, Inc. RADIUS ABM, PMVision, PMconsole, and IRX are trademarks of Lucent Technologies, Inc. All other marks are the property of their respective owners.

Notices

Lucent Technologies, Inc. makes no representations or warranties with respect to the contents or use of this publication, and specifically disclaims any express or implied warranties of merchantability or fitness for any particular purpose. Further, Lucent

Technologies, Inc. reserves the right to revise this publication and to make changes to its content, any time, without obligation to notify any person or entity of such revisions or changes.

Contacting Lucent Remote Access Technical Support

Lucent Technologies Remote Access Business Unit (previously Livingston Enterprises) provides technical support via voice, fax, electronic mail, or through the World Wide Web at **<http://www.livingston.com/>**. Please specify that you are running ComOS 4.0.3 when reporting problems with this release.

Internet service providers (ISPs) and other end users in Europe, the Middle East, Africa, India, and Pakistan should contact their authorized Lucent Remote Access sales channel partner for technical support; see **<http://www.livingston.com/International/EMEA/distributors.html>**.

For North and South America and Asia Pacific customers, technical support is available Monday through Friday from 7 a.m. to 5 p.m. U.S. Pacific Time (GMT -8). Dial 1-800-458-9966 within the United States (including Alaska and Hawaii), Canada, and the Caribbean, or 1-925-737-2100 from elsewhere, for voice support. Otherwise, fax to 1-925-737-2110, or send email to **support@livingston.com** (**asia-support@livingston.com** for Asia Pacific customers).