

# PremNet 5000 Multi-Ring Network Release Note

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## Introduction

This release note describes the configuration considerations for a PremNet Multi-Ring network. This release note contains the following information:

- Hardware and software requirements and part numbers for a PremNet Multi-Ring network configuration
- Network management support for Multi-Ring
- Related documentation

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## Software Requirements

For proper implementation of a multi-ring network, the link, ENMM, switch module(s) and I/O modules must be at a specific software revision. Table 1 indicates the required revision levels.

**Table 1. Multi-Ring Network Software Requirements**

<b>Module</b>	<b>Firmware Revision</b>	<b>Hardware Revision</b>
ENMM (850019)	Revision 3 or greater	any
Link Modules	Revision 16 or greater	any
20 Time Slot Switch Module (850015)	any	Revision E or greater
20/30 Time Slot Switch Module (850107)	Revision 4 or greater	any
Ethernet (850067)	Revision 5 or greater	any
Ethernet (850074)	Revision 3 or greater	any
4 Wire VF Modules	Revision 8 or greater	any
ATM I/O Modules (850081, 850082)	Revision 1.4 or greater	any

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**Network Management Support for Multi-Ring**

PremNet offers three forms of network management on the ENMM: ASCII terminal, CMS400 through the T7 port, and SNMP as in the CMS6000. Multi-Ring is available starting with Revision 3.0 of the ENMM software. However, multi-ring networks cannot be managed through the CMS400 T7 port. Only single-ring networks will be supported by CMS400.

Table 2 lists the management options available for multi-ring networks.

**Table 2. Network Management Options for Multi-Ring Networks**

<b>Management Option</b>	<b>Supported in ENMM Revision 3.0</b>
ASCII Terminal	Yes
CMS400 through T7 port	Single ring only
SNMP through any platform, e.g., CMS6000 or CMS400	Yes

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## **Related Documentation**

In addition to this release note, it may be helpful to have the documentation listed in Table 3 available when configuring a PremNet Multi-Ring Network.

**Table 3. Related Documentation**

<b>Document Title</b>	<b>Document Number</b>
PremNet 5000 System Installation and Configuration Manual	950-1460-00
PremNet 5000 Multi-Ring Network Administrator's Guide	950-1487-00
PremNet 5000 Enhanced Network Management Module (ENMM) Addendum	954-0065-00
PremNet 5000 Enhanced Network Management Module (ENMM) Release Note	951-0081-00