

Product Summary

— NAMS III SINGLE COLLECTOR —

AFT / X.25

(includes: Transport & Distribution, Self Recovering Transfer)

AFT / EIU

(includes: Transport & Distribution, Self Recovering Transfer)

AFT / RS-232

(includes: Transport & Distribution, Self Recovering Transfer)

AMADNS

(includes: Transport & Distribution, Self Recovering Transfer)

AMATPS

(includes: Transport & Distribution, Self Recovering Transfer)

HDLC / LAPB

(includes: Transport & Distribution, Self Recovering Transfer)

Tape Emulation

(includes: Transport & Distribution, Self Recovering Transfer)

Automated FTP Client

(includes: Transport & Distribution, Self Recovering Transfer)

Optional Hardware

X.25 PCI Card (V.35) & Switch to Collector Cable

X.25 PCI Card (RS-232C) & Switch to Collector Cable

HDLC/LAPB PCI Card (RS-232C) & Switch to Collector Cable

Outboard Embedded mini-server w/ V.35/RS-232 intfc

Pertec Tape Emulation PCI Card & Switch to Collector Cable

Switches Supported:

Nortel DMS 100, DMS 200, DMS 250, DMS 500, DMS 300, DMS 10, DMS GSP, DMS MTX , SL 100

Lucent 5E / Siemens DCO, Siemens DCO-CS, Siemens EWSD / AGCS GTD-5

CopperCom CSX / Telica / Cisco / Taqua / Tekelec / Santera / Metaswitch / Huawei

Collection & Mediation

The CMSI Call Collection and Mediation is one of our most mature products having first been deployed in 1988. The collection application supports many protocols and can be configured in several ways depending on the requirements of the customer. The Mediation software supports many file formats and can be easily configured to automatically deliver all or only selected billing records to multiple platforms simultaneously. Transfers utilize a CMSI developed Self Recovering Protocol makes billing record transfers extremely reliable by enabling the system to overcome (LAN/WAN) network outages.

—Supported Switches—

Hardware Switches:

- Nortel DMS-10, 100, 250, 300, 500, GSP, SL-100
- Siemens EWSD, DCO, DCO CS.
- Ericsson AXE-10
- Lucent 5ESS
- GTD5

Softswitches:

- CopperCom CSX
- MetaSwitch
- Telica
- Santera
- Future Wei
- Tekelec
- Cisco

—Supported Hardware/Protocol/Communications Interfaces—

- | | |
|---|--|
| <ul style="list-style-type: none"> • V.35 • RS 232 • Cook 2200/2216 (Mag Tape Emulation) • LAN • Serial • BiSync 3780 • FTP • AFT | <ul style="list-style-type: none"> • HDLC • BX.25 • PollMaster • Pertec • FTAM • AMATPS / AMADNS |
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— Telecom Standards Compliance —

- GR-1343-CORE AMADNS
- GR-1100-CORE Billing AMA Format (BAF)
- GR-385-CORE AMATPS
- EMI Exchange Message Interface
- Telcordia AMA 297-1001-830

NAMS III Collection & Mediation

NAMS III Collection and Mediation

CMSI's NAMS III Collector and Mediation is a mature product that has been in world-wide use by telephone companies and government agencies since 1988. With a price as low as \$12,500 USD and no volume based license fee, NAMS III is an affordable alternative to more expensive systems.

Using Open Source software with the high reliability of the Linux operating system and the economical Intel hardware platform, collection availability is near 100%. Several NAMS III collection systems have been operational with no faults for over 900 days. Transport and distribution of the AMA/CDR is automated and supports many different formats and configurations. CMSI's **Self Recovering Transfer** comes standard with every collector.

Technical Highlights:

Automated file transfers to downstream systems utilize the NAMS Self Recovering FTP application which eases the work load on IT Professionals. Network outages that occur during regularly scheduled outages normally interrupt file transfers leaving incomplete files of downstream systems. The NAMS Self Recovering Transfer application will automatically re-transfer incomplete files when network connectivity has been restored. All CMSI collectors include extensive logging capabilities that aid the customer and CMSI support personnel by providing complex diagnostic capabilities.

Support:

CMSI's high level of support sets us apart from all of our competitors. Saving money for your company is great but you shouldn't have to compromise by giving up the professional dedicated support services you've grown accustomed to with your mission critical systems. CMSI's Team 2000 support is available for NAMS III Centralized and includes 24 X 7, 365 day coverage with a 2 hour response time. No first tier support representatives to wade through, CMSI's Team 2000 support analyst are all senior level support personnel with extensive knowledge of central office switches, communication protocols, server hardware, server operating systems and CMSI's collection and mediation applications.

Installation:

- NAMS III can be installed by the customer with phone support from CMSI support analyst.
- On-site installations can also be quoted on an individual case basis.

Typical PC Server configuration:

- 2 Ghz processor
- 512 megabyte of RAM
- 146 gigabyte hard disk capacity in a RAID 1 (mirrored) configuration
- CD ROM Read/Write
- Ethernet Adapter (NIC)
- Optional adapter (if needed) X.25 / BX.25 / Pertec / etc..
- Keyboard / Mouse

NAMS III Collection & Mediation

NAMS III Centralized - Collection and Mediation

CMSI's NAMS III Centralized product utilizes our NAMS III Collectors and provides the same high reliability collection system but on a larger scale.

Efficient:

Designed for larger companies with multiple central office switches, the NAMS III Centralized product can collect from multiple Central Office switches using different collectors as required and can also mediate the call detail and/or AMA to multiple destinations with differing record format requirements.

Value:

Just like all our collection products, the license is a one-time pay license with no recurring license charges and unlike many large mediation systems is not priced based on volume. NAMS III Centralized is an economically viable alternative to competing mediation systems that cost many times that of NAMS III Centralized yet is well supported.

Technical Highlights:

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NAMS III Centralized

