

# Release Notes ROSA NMS 4.8 Package 4.8.40.64

## General Information

This package contains an update for ROSA NMS 4.8.

## ROSA NMS Client and NMS Server update

- **This package contains no update for the ROSA NMS Client.**
- **This package contains no update for the ROSA NMS Server.**

## New Drivers

- **No New Drivers**

## Updated Drivers

- **No Updated Drivers**

## Updated Tasks

- **Scrambling Control Task**
  - **CDETS CSCun41430 "Scrambling failing for a service sometimes when orphan Scrambling Control Group IDs (SCG) are present in ROSA NMS database" is fixed. Now, next available SCG ID is used when it is already present in database. Further, orphan SCG IDs in database are cleaned up when SCTask is initialized.**

## Version info for the binaries

<b>Name</b>	<b>Version</b>
SCTask.dll	4.0.4

# Release Notes ROSA NMS 4.8 Package 4.8.30.63

## General Information

This package contains an update for ROSA NMS 4.8.

## ROSA NMS Client and NMS Server update

- This package contains no update for the ROSA NMS Client.
- This package contains no update for the ROSA NMS Server.

## ROSA EM Drivers (Refer ROSA EM 4.09.01 External Release Notes)

- ROSA EM Redundant Switchover Unit

## New Drivers

- Netcrypt
  - The Netcrypt device driver supports trap handling and launching web UI of the device.
- D9482 QPSK MODULATOR
  - The D9482 QPSK MODULATOR device driver supports trap handling.

## Updated Drivers

- ROSA EM 2U Device
  - Solution provided for CDETS case CSCum43086: ForceStreamOnEncoder macro failed to execute with BU unit RID parameter.
- Spectra
  - The driver is now made part of 'NMS\_IRD' license pack in addition to 'NMS\_ALLDRV' license pack.

## Updated Components

- Aggregated SSR DCM
  - Added renaming service objects instead of creating new(duplicating) service objects when region name in DCM CSV file is changed.
- Aggregated SSR D9036
  - Added renaming service objects instead of creating new(duplicating) service objects when region name in D9036 CSV file is changed.
- Group-wise Equipment Manager
  - Solution provided for CDETS case CSCum48144: Security action logging-in is not working as expected for opening/launching configuration from Group-wise Equipment Manager GUI.

## Cisco ROSA NMS Software Feature Retained

- Features that were removed as of Release ROSA NMS 4.8.0 and retained as of Release ROSA NMS 4.8.30.63 are as follows:
  - Spectra Device
  - D9154
  - D9228
  - LM860 Device
  - MARCOPOLO Device
  - Pegasus
  - PULSAR Device
  - Scrambling Control Task
  - SIRIUS Device

### Version info for the binaries

Name	Version
Netcrypt.dll	4.0.0
D9482QMO.dll	4.0.0
GrpComp.exe	4.0.2
GrpComp.dll	4.0.2
ROSAEM.dll	4.0.22
assr_dcm.py	1.8
assr_d9036.py	1.3
Spectra.dll	4.0.1
Spectra.exe	4.0.1

### NOTE

- Do not install/upgrade the 'SNMP Protocol Driver' from this package on ROSA NMS 4.5 or below

# Release Notes ROSA NMS 4.8 Package 4.8.25.57

## General Information

This package contains an update for ROSA NMS 4.8.

## ROSA NMS Client and NMS Server update

- This package contains no update for the ROSA NMS Client.
- This package contains no update for the ROSA NMS Server.

## ROSA EM Drivers (Refer ROSA EM 4.09.00 External Release Notes)

- ROSA EM Evertz 7812 XUD AES8 HD
- ROSA EM Virtual
- ROSA EM Evertz 7881 Decoder

## New Drivers

- No New Drivers

## Updated Drivers

- ROSA EM 2U Device
  - CDETS case (CSCuj66085): Order of ROSA EM "Backup Completed" and "Backup Started" traps is reversed sometimes. This issue is fixed.
  - CDETS case (CSCul64760): When a backup configured ROSA EM managed unit is manually removed from the ROSA NMS GUI, the book keeping is not updated correctly. When the unit gets mapped again via synch inventory and backup or restore is performed, the corresponding messages (backup / restore) are not logged on the unit sometimes. This issue is fixed.

## Version info for the binaries

Name	Version
ROSAEM.dll	4.0.21

## NOTE

- Do not install/upgrade the 'SNMP Protocol Driver' from this package on ROSA NMS 4.5 or below

# Release Notes ROSA NMS 4.8 Package 4.8.20.54

## General Information

This package contains an update for ROSA NMS 4.8.

## ROSA NMS Client and NMS Server update

- This package contains no update for the ROSA NMS Client.
- This package contains no update for the ROSA NMS Server.

## ROSA EM Drivers (Refer ROSA EM 4.08.00 External Release Notes)

- ROSA EM DOCSIS 4 Port Gainmaker Node
- ROSA EM Generic Optical Node through HMS
- ROSA EM DOCSIS Gainmaker Node

## Macros

- DCM Macros
  - The DCM Macro script 'dcm.py' has been updated to support maximum of 10 boards.

## New Drivers

- D9859
  - The D9859 device is an Advanced Receiver Transcoder. The D9859 device driver supports trap handling, automatic trap destination settings, auto mapping, launching web UI of the device and settings management.

## Updated Drivers

- D9096
  - Added automatic trap destination support.
  - Updated driver with latest mibs.
- D9896
  - Added automatic trap destination support.
  - Updated driver with latest mibs.
- DCM
  - Updated driver to support 10 GE card.
- EventIS Casis (re-released)
  - The ATL parser in EventIS\_CASIS driver is changed to parse a field (atom) with special characters and spaces when it is enclosed in double quotes.
  - Also released as part of NMS 4.7.10.23 package earlier.

## Updated Components

- SI Editor
  - Solution provided for CDETS case CSCuh75077: The "reserved\_future\_use" bits in DVB-T2 delivery system descriptor is set to "1".
- Settings Management Component
  - Integrated D9859 Advanced Receiver Transcoder.

## Version info for the binaries

<b>Name</b>	<b>Version</b>
D9096.dll	4.0.1
D9896.dll	4.0.1
D9824.dll	4.0.0
DCM.dll	4.0.32
dcm.py	1.34
evCASIS.dll	4.0.1
DVB_SI_EDITOR.EXE	4.0.9
DVB_SI_LIB.dll	9.0.7
SettMgmt.dll	4.0.12

# Release Notes ROSA NMS 4.8 Package 4.8.15.50

## General Information

This package contains an update for ROSA NMS 4.8.

## ROSA NMS Client and NMS Server update

- **This package contains no update for the ROSA NMS Client.**
- **This package contains no update for the ROSA NMS Server.**

## New Drivers

- **No New Drivers**

## Updated Drivers

- **No Updated Drivers**

## Updated Components

- **Aggregated SSR DCM**
  - **Integrated the 'Link Loss', 'UDP Loss' and 'UDP Stream Loss' alarms in ASSR DCM.**

## Version info for the binaries

<b>Name</b>	<b>Version</b>
assr_dcm.py	1.7

# Release Notes ROSA NMS 4.8 Package 4.8.10.49

## General Information

This package contains an update for ROSA NMS 4.8.

## ROSA NMS Client and NMS Server update

- This package contains no update for the ROSA NMS Client.
- This package contains no update for the ROSA NMS Server.

## ROSA EM Drivers (Refer ROSA EM 4.07.00 External Release Notes)

- ROSA EM DOCSIS 93270
- ROSA EM Evertz 7746 FS SCTE104
- ROSA EM Evertz 7881 Decoder

## New Drivers

- D9096
  - The D9096 device driver supports trap handling and device's embedded user interface launching.
- D9824
  - The D9824 device driver supports trap handling, device's embedded user interface launching, automatic trap destination registration, auto mapping and settings management.
- D9896
  - The D9896 device driver supports trap handling and device's embedded user interface launching.

## Updated Drivers

- D9435
  - Alarm synchronization time is optimized at startup of the device.
  - The Automatic trap destination registration check is done only once for every 10 minutes if the trap registration is already done.
- D9850
  - Provided an option (via registry key) to disable the device settings backup.

## Updated Components

- Settings Management Component
  - Integrated D9824 multiple decryption receiver.
  - Fixed version maintenance problem present from Settings management component V4.0.7 to V4.0.10.

## Version info for the binaries

Name	Version
D9096.dll	4.0.0
D9435.dll	4.0.1
D9824.dll	4.0.0
D9850.dll	4.0.2
D9896.dll	4.0.0
SettMgmt.dll	4.0.11