



**Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5  
(7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000.tar)**



**Release Notes**

Document Revision Number (v4.1)

**IBM Prospect Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 Release Notes**

**Note:** Before using this information and the product it supports, read the information in Notices section in this document.

This edition applies to IBM Prospect Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 and to all subsequent releases and modifications until otherwise indicated in new editions.

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## 2 About this Documentation

Table 1 below details the information provided by the *IBM Prospect*® Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 Release Notes.

Table 1 - About this Documentation

<b>Chapter</b>	<b>Description</b>
<a href="#">About this Documentation</a>	An overview of the Prospect® Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 documentation, which gives details of the intended audience and the structure of the guides.
<a href="#">Release Contents</a>	Information on the release content included in the release.
<a href="#">Media Content</a>	Details of media provided for the release.
<a href="#">Hardware Requirements</a>	Details of hardware required for the release.
<a href="#">Software Requirements &amp; Installation Information</a>	Details on the Software required and the guides to be followed during the installation of the product for the release.
<a href="#">Known issues</a>	Details on known issues included in the release and workarounds, if available.

## 2.1 Audience

The target audience of this guide is system administrators of Prospect or a person who installs / upgrades the Prospect DA server.

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**IMPORTANT:** Before attempting an installation of Prospect® Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 you are strongly advised to read these release notes. Failure to consult these release notes may result in a corrupt, incomplete or failed installation.

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## 2.2 Required Skills and Knowledge

This guide assumes you are familiar with the following:

- *Knowledge of Solaris.*
- *Working knowledge of the Prospect DAT*
- *General IT and telecommunications principles*
- *Ability to run shell and Perl scripts.*
- *Knowledge of Prospect administrator scripts and client / Pweb interface*

This guide also assumes that you are familiar with your company's network and with procedures for configuring, monitoring, and solving problems on your network.

## 2.3 Document Conventions

The following command prompts can be seen throughout this document where the user has to enter commands at the command line:

- # (hash): This prompt will be displayed if the user is logged in as user root.
- \$ (dollar): This prompt will be displayed if the user is logged in as either the server or oracle user.

Please note the above prompts are not part of commands. All commands must be entered after these prompts.

This document uses the typographical conventions shown in the following table:

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Table 2: General Document Conventions

<i>Format</i>	<i>Examples</i>	<i>Description</i>
ALL UPPERCAS E	GPS NULL MYWEBSERVER	Acronyms, device names, logical operators, registry keys, and some data structures.
<u>Link</u>	See <a href="http://www.sun.com">www.sun.com</a>	For links within a document or to the Internet.
<b>Bold</b>	<b>Note:</b> The busy hour determiner is...	Heading text for Notes, Tips, and Warnings.
SMALL CAPS	The STORED SQL dialog box... ...click VIEW... In the main GUI window, select the FILE menu, point to NEW, and then select TRAFFIC TEMPLATE.	Any text that appears on the GUI.
<i>Italic</i>	A <i>busy hour</i> is... A web server <i>must</i> be installed... See the <i>User Guide</i>	New terms, emphasis, and book titles.
Monospace	<code>./wminstall</code> <code>\$ cd /cdrom/cdrom0</code> <code>/xml/dict</code> <code>addmsc.sh</code> <code>core.spec</code> Type OK to continue.	Code text, command line text, paths, scripts, and file names. Text written in the body of a paragraph that the user is expected to enter.
<b>Monospace Bold</b>	<code>[root] # pkginfo   grep -i perl</code> system Perl5 On-Line Manual Pages system Perl 5.005_03 (POD Documentation) system Perl 5.005_03	For contrast in a code example to show lines the user is expected to enter.

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<code>&lt;Monospace e italics&gt;</code>	<code># cd &lt;oracle_setup&gt;</code>	Used in code examples: command-line variables that you replace with a real name or value. These are always marked with arrow brackets.
[square bracket]	<code>log-archiver.sh [-i][-w][-t]</code>	Used in code examples: indicates options.

## 2.4 User Publications

The following user publications are provided with the Prospect® Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 software in Adobe® PDF and HTML formats.

Table 3 - Prospect® Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 User Publications

<b>Document</b>	<b>Description</b>
AdminGuide.pdf	Prospect Administration Guide
PerfDataRef.pdf	Prospect Performance Data Reference
DA_Tools.pdf	Prospect Data Acquisition Tools Guide

### 2.4.1 Accessing Publications Online

All of the IBM Prospect publications, including Release Notes, are available online from the IBM Information Center website as follows:

[http://publib.boulder.ibm.com/infocenter/tivihelp/v8r1/index.jsp?topic=/com.ibm.netcool\\_pm.doc/IBM\\_Prospect\\_060308.htm](http://publib.boulder.ibm.com/infocenter/tivihelp/v8r1/index.jsp?topic=/com.ibm.netcool_pm.doc/IBM_Prospect_060308.htm)



## 3 Release Contents

Prospect® Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 contains the following components:

### 3.1 New Features

This release adds support for the file concatenation feature in EVDO RNCpm data which is only available for EVDO 8.0 and later releases. Refer to Section *Collecting EVDO data (DOM and RNC elements)* in *Data Acquisition Tools 7.1 for Nortel AMPS/TDMA/CDMA MTX17* for further information on the file concatenation feature. There are 2 new configuration files being introduced in this release:

- i) emsrnc.cfg
- ii) mscpvg.cfg

Refer to *Appendix H* in *Data Acquisition Tools 7.1 for Nortel AMPS/TDMA/CDMA MTX17* for further information on how to configure these files.

Table 4 - New EVDO 8.0 templates added in this DA release

<b>Entity</b>	<b>Template</b>
DOM_If	T1E1BackHaul
DOM	RnAConnectionResourceUsageHistogramPerModem

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### 3.2 Resolved Issues

Table 5 - List of problems present in the previous release that have been resolved

<b>CQ/PMR</b>	<b>Description</b>	<b>Action Taken</b>
FITS MR0514094641, CQ=valnt00093478	Correct entries in the DAT Host Conf File for NTMMDM	Fix provided.

## 4 Media Content

Prospect® Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 is composed of the following media:

1. *Prospect software 17.0.16.5-TIV-PROSPECT-NORCDM-FP0000.tar*
2. *DA Software. 7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000.tar*
3. *Release notes for Prospect (17.0.16.5-TIV-PROSPECT-NORCDM-FP0000.pdf)*
4. *Release notes for DA (7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000.pdf)*
5. *Documentation: AdminGuide.pdf, DA\_Tools.pdf, PerfDataRef.pdf*

### 4.1 DAT Manifest

patches/  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/package.info  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/set\_ntcdma.ksh  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/cbrs.cfg  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/batchscp.exp  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/bsmomdist.exp  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/chgpswd.exp  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/extract.pl  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/extract\_rmt.pl  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/host.ntcdma.cfg.sample  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/icf\_chat.exp  
 patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/mtxtablesdist.exp

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patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/ntcdma\_cfg.txt  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/ntcdma\_errormsg.txt  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/patch.sh  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/pgmscsdmomdist.exp  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/ppcstaget.exp  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/rncom-spacecalc  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/rncomdist.exp  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/rncomdist\_rmt.exp  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/templateFile  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/mgntmmdmdist.exp  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/rncomdist\_concat.exp  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/rnccfgdist\_concat.exp  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/emsrcn.cfg  
patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/mscpvg.cfg

# 5 Software Requirements & Installation

## 5.1 Software Requirements

To view the software products required to install the Prospect® Nortel AMPS/TDMA/CDMA MTX17 DAT for RP16.5 system refer to the Prospect Installation Guide , which is included in the release media packaging (CD/DVD) or online download via web portal.

### 5.1.1 Supported Platforms

See Pre-requisites section in Prospect release notes for supported platforms.

## 5.2 Installation

### 5.2.1 Prerequisites

#### Baseline Requirements

The base environment require for the deployment of this patch is:

- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP15.3 Base, or
- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP16.0 Base

This patch is a cumulative upgrade and can be applied against:

- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP15.3 Patch01
- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP15.3 Patch02
- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP16.0 Patch03
- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP16.1 Upgrade
- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP16.2 Upgrade
- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP16.3 Patch01
- Prospect® Data Acquisition (DA) Toolkit 7.1 / Nortel CDMA RP16.4 Upgrade

---

**Important!** It is critical that you apply this patch to an environment at the correct patch level. Verify the environment carefully. For more information, please contact IBM customer support.

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### 5.2.2 Pre-Installation Instructions

The following instructions must be executed on the Prospect DA server.

1. Log in as user `flexda`.

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2. Go to the `$FLEXDAHOME` directory:

```
$ cd $FLEXDAHOME
```

3. Copy the file `7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000.tar` to this directory.
4. Make a copy of the `cbrs.cfg` and `templateFile` file as they will be overwritten by the new DA software. (Users may want to revert back to old copies after upgrade if needed)

```
$ cp $FLEXDAHOME/cfg/cbrs.cfg $FLEXDAHOME/cfg/cbrs.current
```

```
$ cp $FLEXDAHOME/cfg/templateFile \  
$FLEXDAHOME/cfg/templateFile.current
```

5. Extract the package using the following command. This will create a subdirectory (`patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000/`) in `$FLEXDAHOME` and will extract files into this directory:

```
$ tar -xvf 7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000.tar
```

### 5.2.3 Installation Instructions

1. Log in as user `flexda`.

2. Backup the cron job

```
$ crontab -l > crontab.save.<date>
```

Example of `<date>` could be `20091010`, and make sure the backup file is created.

3. Stop the cron job

```
$ crontab -r
```

4. Go to the directory `$FLEXDAHOME/patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000`

```
$ cd \  
$FLEXDAHOME/patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000
```

5. Install the patch.

```
$ ./patch.sh -install 2>&1 | tee install.log.$$
```

6. Review the install log file. If there are any concerns or issues, please contact IBM support team for help.

### 5.2.4 Post-Installation Instructions

1. Log in as `flexda` user.

2. Make a backup copy of the

```
$FLEXDAHOME/INSTALL/localhost/cfg/<hostname>.ntcdma.cfg file
```

3. Update the required following information for the MTX, RNC, SDM, and MMDM configuration in :  
`$FLEXDAHOME/INSTALL/localhost/cfg/<hostname>.ntcdma.cfg`.

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For more information, refer to following:

\$FLEXDAHOME/INSTALL/ALL/doc/host.ntcdma.cfg.sample and refer to section *Field Description* in *Data Acquisition Tools 7.1 for Nortel AMPS/TDMA/CDMA MTX17* for further information on how to configure the new parameters.

### 5.2.5 Changes to MTX section of <hostname>.ntcdma.cfg

Update this section to retrieve data from MTX. New parameters were added to support MTX connection through CBM. The new or updated data is highlighted in blue color.

```
#
# MTX
# Prospect Loader target directory
tdir=/u01/apps/WatchMark/FlexPM/Nortel/x/vendor/Nortel/MSC/ftpIN/MTX12/in

# MARKET      TGTDIR  SRCIP          SRCID          SRCUSER        SRCPSWD  NOOFOMGRPS
# -----
#           AFTPOR  CHGPSWD  DATATYPES
#           -----
#           OMGRPSCFG      TMADJ
#           -----
# CBMPASSTHROUGH  CBMIP          CBMSRCUSER     CBMSRCPSWD
# -----
#           SECURERETRIEVE  SECUREDELIVER  PSWD_AUTH
#           -----
set -A ntcdma_mtx
SD      $tdir  ???.???.???.??  MTX48      mtxuser     mtypass  337  \
30001  Y      mtxom, trkmem, tables, omshow, actlog
cfg/omgroups.cdma  60
N      ???.???.???.??  cbmuser     cbmpass
1      1      N
SD      $tdir  ???.???.???.??  MTX49      mtxuser     mtypass  337  \
30001  Y      mtxom, trkmem, tables, omshow, actlog
cfg/omgroups.cdma  60
N      ???.???.???.??  cbmuser     cbmpass
1      1      N
SD      $tdir  ???.???.???.??  MTX50      mtxuser     mtypass  337  \
30001  Y      mtxom, trkmem, tables, omshow, actlog
cfg/omgroups.cdma  60
N      ???.???.???.??  cbmuser     cbmpass
1      1      N
```

### 5.2.6 Changes to RNC section of <hostname>.ntcdma.cfg

Update this section to retrieve EVDO data. **This section needs to be updated regardless of whether the file concatenation feature is being turned on or turned off at the EMS.** New parameters are added and *scratcharea* was removed to support new RNC OM collection method. Before updating this section for each EMS, determine whether the EVDO concatenation option is turned on or off. (You may have to consult the EMS administrator(s) for this information.) EVDO Concatenation is an EVDO 8.0 feature that enables collection of concatenated data files. Once you have that information, you are ready to edit this section.

1) The new or updated data highlighted in blue color. Removed section highlighted in red color and *Italic*. Lines prefix with '#' and in bold are for explanation only and should not be put between lines ending with '\'.

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- 2) `SCRATCHAREA` is not common among RNCs anymore. It resides on the EMS when `REMOTE_COMPRESSION` is set to Y. `REMOTE_COMPRESSION` can vary among the RNC entries as well. The `SCRATCHAREA` parameter was moved to bottom of the section and needs to be filled with absolute path. Please make sure the path set in `SCRATCHAREA` is a valid path.
- 3) `DOM_BATCH_SIZE` only be used when the `REMOTE_COMPRESSION` is set to Y. If `REMOTE_COMPRESSION` is set to N, `DOM_BATCH_SIZE` should be 'none'. To disable the batching mechanism, set `DOM_BATCH_SIZE` to a number higher than number of DOMs in `candidaterncQuery<date>.txt` file.
- 4) `REMOTE_COMPRESSION` is only applicable when `CONCAT_ON` is set to 'N'.
- 5) The `DOM_COLLECTION` is used to enable or disable the DOM file collection. When `CONCAT_ON` is set to 'N', setting `DOM_COLLECTION` to 'Y' will instruct DA to collect the DOM files configured in `candidaterncQuery<date>.txt` file. Setting `DOM_COLLECTION` to 'N' will stop DA from collecting DOM files even if the DOM was configured in `candidaterncQuery<date>.txt` file. When `CONCAT_ON` is set to 'Y', setting `DOM_COLLECTION` to 'Y' will instruct DA to collect the DOM template files. Setting `DOM_COLLECTION` to 'N' will stop DA from collecting DOM template files. This is controlled by the `EMSFILIELIST` variable in the `.icf` file.
- 6) When `CONCAT_ON` is set to 'Y', only 1 entry each for `rncm` and `rncfg` should be configured for the same `SRCID` (or EMS IP). The sample below shows `rnc01` and `rnc02` being configured for `ems01` with `CONCAT_ON` set to 'N', while only 1 entry is configured for `ems02` which has `CONCAT_ON` set to 'Y' and `RNCID` set to `SRCID`.
- 7) `ALL_EMS_LIST` and `CONFIG_TARGET` are applicable to `rncfg` datatype when `CONCAT_ON` is set to 'Y'. In other cases set both these to 'none'. (Refer to *Appendix H in Data Acquisition Tools 7.1 for Nortel AMPS/TDMA/CDMA MTX17* for sample file)

```
#
# RNC
#
# RNC OM Source Base Directory
rncmsdir=/appdata/dcFiles
rncfgsdir=/appdata/dcFiles

# Local scratch area for RNC OM file processing
# If none is used, do not change this configuration below
# (defaulted to $LOCALDIR/tmp)
scratcharea='$LOCALDIR/tmp'

# Prospect Loader target directory
tdir=/u01/apps/WatchMark/FlexPM/Nortel/x/vendor/Nortel/MS/ftpIN/MTX12/in

# Prospect Loader target directory for rncfg candidaterncquery
cfgoutputdir=/u01/apps/WatchMark/FlexPM/Nortel/x/vendor/Nortel/MS/ftpIN/evdo_cfg

# List of EMS and related RNC
emslst=$FLEXDAHOME/cfg/emsrnc.cfg

# * SCRATCHAREA option is only applicable to rncm datatypes.
# For rncfg datatypes, just set SCRATCHAREA to 'none'
#
# MARKET  TGTDIR  SRCIP          SRCID  RNCID  SRCUSER  SRCPSWD
# -----  -----  -----  -----  -----  -----  -----
```

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```
# SRCDIR          DATATYPES      TMADJ          DOM_BATCH_SIZE  DOM_COLLECTION
# -----          -----          -----          -----          -----
# SECURERETRIEVE SECUREDELIVER  PSWD_AUTH      REMOTE_COMPRESSION
# -----          -----          -----          -----
# SCRATCHAREA     ALL_EMS_LIST    CONCAT_ON      CONFIG_TARGET
# -----          -----          -----          -----
set -A ntcdma_rnc \

# Sample rnccfg entry for non file concatenation EMS
SD      $tdir      ???..???..???..???  ems01  rnc01  emsuser  emspass \
$rnccfgsdir  rnccfg      0          none          N          \
1          1          N          N          \
none      none      N          none          \

SD      $tdir      ???..???..???..???  ems01  rnc02  emsuser  emspass \
$rnccfgsdir  rnccfg      0          none          N          \
1          1          N          N          \
none      none      N          none          \

# Sample rncom entry for non file concatenation EMS
SD      $tdir      ???..???..???..???  ems01  rnc01  emsuser  emspass \
$rncomsdir/RNC_???..???..???..???  rncom      0          50          N          \
1          1          N          Y          \
<scratcharea>      none      N          none          \
SD      $tdir      ???..???..???..???  ems01  rnc02  emsuser  emspass \
$rncomsdir/RNC_???..???..???..???  rncom      0          50          N          \
1          1          N          Y          \
<scratcharea>      none      N          none          \

# Sample rnccfg entry for file concatenation EMS (only 1 entry per EMS)
SD      $tdir      ???..???..???..???  ems02  ems02  emsuser  emspass \
$rnccfgsdir  rnccfg      0          none          N          \
1          1          N          N          \
none      $emslist      Y          $cfgoutputdir \

# Sample rncom entry for file concatenation EMS (only 1 entry per EMS)
SD      $tdir      ???..???..???..???  ems02  ems02  emsuser  emspass \
$rncomsdir/concatenatedOM      rncom      0          50          N          \
1          1          N          Y          \
<scratcharea>      none      Y          none          \
```

### 5.2.7 Sample settings for EMS with file concatenation feature disabled

Here are sample settings for a RNC does not have the file concatenation feature turned on the EMS:

- 1) Set ALL\_EMS\_LIST to none
- 2) Set CONCAT\_ON to 'N'
- 3) Set CONFIG\_TARGET to none

### 5.2.8 Sample settings for EMS with file concatenation feature enabled.

**Note:** Once file concatenation feature is turned on the EMS, this section can be used to configure existing RNC's to work with concatenated files.

Here is an example of config entries for an EMS where file concatenation feature has been turned on. Assume that the EMS name is *ems11* and it has 2 RNCs: *ems11rnc111* and *em11rnc112*. Below is a



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comparison of the entries in the <hostname>.ntcdma.cfg before and after the concat feature is enabled.

**The following sample entries are for rnccfg & rncom datatype in the host configuration file BEFORE file concatenation is enabled:**

```
# MARKET  TGTDIR  SRCIP          SRCID  RNCID  SRCUSER  SRCPSWD
# -----  -----  -----          -----  -----  -----  -----
# SRCDIR          DATATYPES  TMADJ    DOM_BATCH_SIZE  DOM_COLLECTION
# -----  -----  -----          -----  -----  -----  -----
# SECURERETRIEVE SECUREDELIVER PSWD_AUTH REMOTE_COMPRESSION
# -----  -----  -----          -----  -----  -----  -----
# SCRATCHAREA  ALL_EMS_LIST  CONCAT_ON  CONFIG_TARGET
# -----  -----  -----          -----  -----  -----  -----

SD      $tdir    1.1.1.1  ems11    ems11rnc111  emsuser  emspass  \
$rnccfgsdir  rnccfg      0        none      N          \
1          1          N        N          \
none      none      N        none      \

SD      $tdir    1.1.1.1  ems11    ems11rnc112  emsuser  emspass  \
$rnccfgsdir  rnccfg      0        none      N          \
1          1          N        N          \
none      none      N        none      \

SD      $tdir    1.1.1.1  ems11    ems11rnc111  emsuser  emspass  \
$rncomsdir/RNC_11.11.11.11  rncom    0        50        N          \
1          1          N        Y          \
/tmp/scratcharea  none      N        none      \

SD      $tdir    1.1.1.1  ems11    ems11rnc112  emsuser  emspass  \
$rncomsdir/RNC_11.11.11.11  rncom    0        50        N          \
1          1          N        Y          \
/tmp/scratcharea  none      N        none      \
```

**The following entries are for rnccfg & rncom datatype in the host configuration file AFTER file concatenation is enabled:**

```
# MARKET  TGTDIR  SRCIP          SRCID  RNCID  SRCUSER  SRCPSWD
# -----  -----  -----          -----  -----  -----  -----
# SRCDIR          DATATYPES  TMADJ    DOM_BATCH_SIZE  DOM_COLLECTION
# -----  -----  -----          -----  -----  -----  -----
# SECURERETRIEVE SECUREDELIVER PSWD_AUTH REMOTE_COMPRESSION
# -----  -----  -----          -----  -----  -----  -----
# SCRATCHAREA  ALL_EMS_LIST  CONCAT_ON  CONFIG_TARGET
# -----  -----  -----          -----  -----  -----  -----

SD      $tdir    1.1.1.1  ems11    ems11  emsuser  emspass  \
$rnccfgsdir  rnccfg      0        none      N          \
1          1          N        N          \
none      $emslist  Y      $cfgoutputdir  \

SD      $tdir    1.1.1.1  ems11    ems11  emsuser  emspass  \
$rncomsdir/concatenatedOM  rncom    0        50        N          \
1          1          N        Y          \
/tmp/scratcharea  none      Y      none      \
```

**Important Notes:**

Make a backup copy of the \$FLEXDAHOME/INSTALL/localhost/cfg/<hostname>.ntcdma.cfg file before enabling file concatenation for a particular EMS.

- 1) Make sure only 1 entry per EMS for both rnccfg & rncm datatype.
- 2) Set RNCID to same as SRCID
- 3) Set CONCAT\_ON to 'Y'
- 4) Set SRCDIR to a valid path for rncm datatype
- 5) Set CONFIG\_TARGET to valid path for rnccfg datatype
- 6) Create entries in the file pointed to by the ALL\_EMS\_LIST variable for the "rnccfg" datatype. Populate the file with the EMS name, pipe delimited by the comma separated RNC names. For example in this case, add the following line into this file:  
ems11|ems11rnc111,ems11rnc112
- 7) Run setconfig.ksh script (refer to Step 5 at Page 12).

**5.2.9 Changes to SDM Section of <hostname>.ntcdma.cfg**

Update this section to retrieve data from SDM. The new or updated data highlighted in blue color. The [MTXNAME](#) parameter was added to support data file naming for customers who are converting from AFT to SDM/CBM. For other customers, the [MTXNAME](#) needs to match MSCNAME. The [MTXNAME](#) value needs to be same as value set in msc\_list.

```
#
# SDM
#
sdmsdir=/omdata/closedNotSent
cbmsdir=/cbmdata/00/billing/ama/closedNotSent
sdmddir=/omdata/closedSent
cbmddir=/cbmdata/00/billing/ama/closedSent

# Prospect Loader target directory
tdir=/u01/apps/WatchMark/FlexPM/Nortel/x/vendor/Nortel/MS/ftpIN/MTX12/in

# MARKET  TGTDIR   SRCIP           SRCID           MSCNAME        SRCUSER        SRCPSWD
# -----  -
#          SRCDIR   CBMSRCDIR      SRCOPT         DATATYPES     TMADJ         COLMULT
#          -----  -
# MVSRC     SDMDDIR        CBMDDIR
#          -----  -
#          SECURERETRIEVE SECUREDELIVER  PSWD_AUTH     MTXNAME
#          -----  -
set -A ntcdma_sdm \
```

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```
SD      $tdir      ??.???.?.???   sdm01      msc01      sdmuser01 sdmpass01 \
      $sdmsdir  $cbmsdir      both      sdmom      0          yes          \
yes     $sdmddir  $cbmddir      N          mtxname
      1          1
```

### 5.2.10 Changes to MGNTM MDM Section of <hostname>.ntcdma.cfg

Update this section to retrieve MGNTM MDM (PVG) data. The new or updated data is highlighted in blue color. The [PVG\\_LIST](#) was added to support files collection from CNM. [PVG\\_LIST](#) file contains the mapping between SRCID (the MSC) and the PVG. Refer to *Appendix H* in *Data Acquisition Tools 7.1 for Nortel AMPS/TDMA/CDMA MTX17* for a sample [PVG\\_LIST](#) file.

```
#
# MGNTM MDM
#

sdir=/opt/MagellanNMS/data/pmsp/group_id/closedNotSent
ddir=/opt/MagellanNMS/data/pmsp/group_id/closedSent

# Prospect Loader target directory
tdir=/u01/apps/WatchMark/FlexPM/Nortel/x/vendor/Nortel/MSC/ftpIN/MTX12/in

pvglst=$FLEXDAHOME/cfg/mscpvg.cfg

# MARKET  TGTDIR      SRCIP          SRCID          SRCUSER        SRCPSWD
# -----  -
#          SRCDIR      DATATYPES      TMADJ          MVSRC          DDIR
#          -
# SECURERETRIEVE SECUREDELIVER PSWD_AUTH      PVG_LIST
#          -
set -A ntcdma_ntmmdm \
SD      $tdir      ??.???.?.???   mtx01          username      password      \
      $sdir      ntmmmdm      0              no            $ddir          \
      1          1          N              pvglst
```

4. Populate the `emsrnc.cfg` and `mscpvg.cfg` in `$FLEXDAHOME/cfg` if required. Refer to *Appendix H* in *Data Acquisition Tools 7.1 for Nortel AMPS/TDMA/CDMA MTX17* for further information on how to configure these files. Enable the write permission before editing the `emsrnc.cfg` and `mscpvg.cfg`:

```
$ chmod u+w $FLEXDAHOME/NORTEL/cfg/emsrnc.cfg
$ chmod u+w $FLEXDAHOME/NORTEL/cfg/mscpvg.cfg
```

5. Run `setconfig.ksh` script

```
$ cd $FLEXDAHOME
$FLEXDAHOME/INSTALL/ALL/scripts/setconfig.ksh \
$FLEXDAHOME/INSTALL/localhost/cfg/<hostname>.ntcdma.cfg
```

The following warnings may appear:

- i. Warning: Only 1 entry of `rncm/rnccfg` per EMS (<ems>) is required when `CONCAT_ON` is set to "Y". Make sure only 1 entry of `rncm` and `rnccfg` is configured for that particular EMS when file concatenation is enabled.

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- ii. Warning: Both rncm or rncfg configuration for <ems> are required to set CONCAT\_ON to "Y". Make sure both rncm and rncfg entry for that particular EMS is with CONCAT\_ON set to "Y" when file concatenation is enabled.
6. Refer to *Appendix I* in *Data Acquisition Tools 7.1 for Nortel AMPS/TDMA/CDMA MTX17* for cron job setup for EVDO traffic data.
7. Start the cron job

### 5.2.11 Uninstall Instructions

1. Log in as user flexda.
2. Stop the cron job

```
$ crontab -r
```
3. Go to the directory \$FLEXDAHOME/patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000

```
$ cd \  
$FLEXDAHOME/patches/7.1.16.5-TIV-PROSPECTDA-NORCDM-FP0000
```
4. Uninstall the patch.

```
$ ./patch.sh -uninstall
```
5. Restore the \$FLEXDAHOME/INSTALL/localhost/cfg/<hostname>.ntcdma.cfg file from backup which was created during Section 5.2.4 Step 2.
6. Run setconfig.ksh script.

```
$ cd $FLEXDAHOME  
$FLEXDAHOME/INSTALL/ALL/scripts/setconfig.ksh \  
$FLEXDAHOME/INSTALL/localhost/cfg/<hostname>.ntcdma.cfg
```
7. Start the cron job with the crontab.save.<date> file which was created during Section 5.2.3 Step 2.

```
$ crontab crontab.save.<date>
```

## 5.3 Release Restrictions

This release is for **General availability**.

## 5.4 Known Issues

None.

## 5.5 Dependent Known Issues in the core product

None.

# 6 IBM Support

## 6.1 Contacting IBM Support

Please use the IBM Tivoli Support website:  
<http://www-306.ibm.com/software/sysmgmt/products/support/assistance.html>

## 7 Documentation Addendums

None.

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