



Network Manager Fix Release Notes

4.7.0.x Fix 54

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1. Introduction

This document defines the changes made to the Network Manager product for 4.7.0.x Fix 54 and is specifically targeted at end users.

After reading through this document, should you have any further training or consultancy requirements then please contact your Bentley account manager.

2. Fix Details

| | |
|-------------------------------------|---|
| Fix Details Baseline Release | 4.7.0.x |
| Fix Description | Network Manager 4.7.0.x Fix54 Patchset |
| Prerequisites | Network Manager 4.7.00 Fixes 16, 43 and 50 should be applied |
| Implementation Instructions | <p>The staging folder is the location of the folder that exnm04070005en_updt54.zip was extracted to (the folder containing this readme).</p> <p>Go to the relevant exor\bin directory on the Oracle Weblogic Server and rename the following files:-</p> <p style="padding-left: 40px;">nm0510.fmx to nm0510_old.fmx hig1520.fmx to hig1520_old.fmx</p> <p>Then copy in the new versions of the files from the staging folder.</p> <p>Log onto SQL*Plus as the Highways Owner with the staging folder as the working directory.</p> <p style="padding-left: 40px;">At the prompt type START nm_4700_fix54.sql and press return.</p> <p>Exit SQL*Plus</p> |
| Limitations | |
| Configuration Information | None |
| How To Test | <p>Recommend full regression test</p> <p>For Defect 745436 - Configure an aggregated geometry layer for an asset type. Ensure the asset geometry is dynamically segmented from a network layer whose spatial column is different to 'SHAPE'. Earlier versions will fail, version 1.8 of the nm_inv_sdo_aggr package body will correct this failure.</p> |
| Rollback Strategy | Initially implement on a test environment |

3. List of Amended Files

| Filename | Version |
|---------------------|---------|
| nm_inv_sdo_aggr.pkw | 1.8 |
| nm3pla.pkw | 2.22 |
| nm3homo.pkw | 2.27 |
| nm0510.fmx | 5.35 |
| hig1520.fmx | 5.3 |
| nm3sdo_edit.pkw | 2.23 |
| nm3extent.pkw | 2.14 |
| nm_4700_fix54.sql | 1.4 |

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4. Enhancements

4.1 New Product Options

4.1.1 NMGENPK

A New product option has been introduced to specify whether the Primary Key value is automatically generated for an asset in Asset Items form (NM0510), where Primary Key is defined as an asset attribute.

4.1.2 THMEROLOVR

Allow Assets to be created when the Asset Role is defined as NORMAL, but the associated theme Role is defined as READONLY

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5. Log No. Summary

This chapter summarises all software issues that have been addressed by this fix.

For issues raised by customers, Bentley Technical Support Group (TSG) Ticket Numbers are cross referenced where applicable.

| <i>Details</i> | <i>Internal Reference</i> | <i>TSG Ticket Number</i> |
|--|---------------------------|--------------------------|
| Hard-coded geometry column name causes failure to configure the aggregated asset geometry. | Defect 745436 | |
| When trying to locate Asset information on an entire route, where the route contains a loop at the end of the route, message 'Cannot establish connectivity between the start and end' is produced. | Defect 556103 | SR#7000292608 |
| When relocating a parent hierarchical asset, which has a mandatory 'IN' relationship to the child assets, an error is encountered | Defect 742515 | |
| XSP restraints should be constrained with FK to inventory type | Defect 746306 | |
| In Asset Item form (NM0510), when an asset is created and that asset is defined with the Primary Key as an asset attribute, the Primary Key is not automatically generated when saving the asset details | Defect 710311 | |
| When linear assets are loaded via the CSV loader with an end chainage in the source data that goes beyond the section length, duplicate (corrupted) locations are created. | Defect 770003 | |
| In Asset Items form (NM0510), you can't locate an asset using reference post or saved extent, until you supply a route value in "Networks" tab. | Defect 424758 | |
| When subuser changes or deletes an alert the trigger is not changed / dropped | Defect 695242 | |
| When an asset has a role of NORMAL, but the associated theme role is defined as READONLY, the user is prevented from creating an asset of that type | Defect 746827 | |

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