

# Network Manager

## Release Notes v4.0.5.4 Fix 72

## Introduction

This document defines the changes made to the Network Manager product for fix release v4.0.5.4 Fix 72 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 **exor** account manager.

## Fix Details

|                             |                                                                                                                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Baseline Release            | 4.0.5.4                                                                                                                                                                                                                               |
| Fix Description             | Network Manager 4.0.5.4 Fix 72 Patchset.                                                                                                                                                                                              |
| Prerequisites               |                                                                                                                                                                                                                                       |
| Implementation Instructions | Unzip nm_4054_fix72.zip to a staging folder.<br><br>Log onto SQL*PLUS as the Highways Owner with the staging folder as the working directory.<br>At the prompt type "START nm_4054_fix72.sql" and press return.<br><br>Exit SQL*PLUS. |
| Limitations                 | None known                                                                                                                                                                                                                            |
| Configuration Information   | None                                                                                                                                                                                                                                  |
| How To Test                 | Recommend full regression test                                                                                                                                                                                                        |
| Rollback Strategy           | Initially implement on a test environment                                                                                                                                                                                             |

## List of Amended Files

| Filename              | Version       |
|-----------------------|---------------|
| log_nm_4054_fix72.sql | 3.0           |
| nm3bulk_mrg.pkw       | 2.32.1.3.1.18 |
| nm_4054_fix72.sql     | 3.0           |

## Log No. Summary

This chapter summarises all software changes that have been made in this release.

These changes are derived from the following sources,

- Issues raised by Customers via Bentley Support
- Issues raised internally by Bentley

### Issues

| Internal Task ID | Issue                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Support Log(s) |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 0110995          | <p>The problem is caused by a failure in the conditional insert statement (around line 2407 in nm3bulk_mrg.pkb version 2.37). The conditional if statement needs to create individual value records in the nm_mrg_section_inv_values_all table. It failed to account for two records from distinct foreign tables, each with the same primary key over the same merge section.</p> <p>The results of bulk merge query are questionable if used with multiple foreign tables - the results are likely to be incorrect in cases where there is a single Id for two records from distinct foreign tables over the same mrg section.</p> | 728933         |