**Network Manager
Fix Release Notes**

4.7.0.x Fix 50

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1. Introduction

This document defines the changes made to the Network Manager product for 4.7.0.x Fix 50 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 Fix50 Patchset. Please refer to Section 4 of this document for details of each of the individual defects and enhancements included.
Prerequisites	
Implementation Instructions	The staging folder is the location of the folder that **exnm04070003en_updt50.zip** was extracted to (the folder containing this readme). Go to the relevant **exor\bin** directory on the **Oracle WebLogic Application Server** and rename the following files – **nm0510.fmx** to **nm0510_old.fmx** Then copy in the **new version** of the file from the staging folder. Log onto **SQL*Plus** as the **Highways Owner** with the staging folder as the working directory. At the prompt type **START nm_4700_fix50.sql** and press return. Exit **SQL*Plus**.
Limitations	
Configuration Information	None
How To Test	Recommend full regression test
Rollback Strategy	Initially implement on a test environment

3. List of Amended Files

Filename	*Version*
nm0510.fmx	5.31
nm3flx.pkh	2.10
nm3rsc.pkw	2.16
nm3pla.pkw	2.21
nm3undo.pkw	2.28.1.0
hig_process security.pkh	1.1
hig_process security.pkw	1.1
nm_4700_fix50.sql	1.2

4. Log No. Summary

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

For issues raised by users, Bentley Technical Support Group (TSG) Service Request Numbers are cross referenced where applicable.

Details	Internal Reference	TSG Service Request
In Asset Items Form (NM0510), when locating an asset the network element does not change by manually supplying another element id.	Defect 424672	SR#7000012455 SR#7000318397
Hard coded £ and Euro symbols were preventing module compilation.	Defect 424127	
When rescaling a section that has more than one ESU e.g. roundabouts the nodes are not collected properly in the members tab and it is not possible to correctly Rescale the section.	Defect 692625 Defect 660169	SR#7000602060
During Network Edit testing exceptions were raised when attempting to Undo Split, Merge and Close of elements	Defect 708369	
When subordinate users attempted selection of HIG_PROCESS details, the fine-grained access control policy prevented select, raising an exception as a result	Defect 660365 Defect 706332	
Resequence on a circular route gives "route flagged as divided highway and no carriageway indicator....", incorrectly	Defect 723760	
NEM - Plotting the impacted network and operational impact incorrectly	Defect 727879	