

Network Manager

**Fix Release Notes**

4.5.0.0 Fix 32

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# Introduction

This document defines the changes made to the Network Manager product for 4.5.0.0 Fix 32 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.

# Fix Details

|  |  |
| --- | --- |
| Fix Details Baseline Release | 4.5.0.0 |
| Fix Description |  |
| Prerequisites |  |
| Implementation Instructions | The staging folder is the location of the folder that exnm04050032en\_updt32.exe was extracted to (the folder containing this readme).  Log onto SQL\*Plus as the Highways Owner with the staging folder as the working directory.  At the prompt type START nm\_4500\_fix32.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 |

# List of Amended Files

|  |  |
| --- | --- |
| Filename | Version |
| Nm3sde.pkh | 2.6 |
| Nm3sde.pkw | 2.22 |
| Nm3sdm.pkw | 2.57.1.3 |
| v\_nm\_sde\_column\_registry | 1.1 |

# Description of the Changes

The Map Capture Interface product allows for loading and extraction of shape files. It requires all details of asset spatial and attribute data to be registered and available for users.

At release 4.5 of the core application, the use of private views owned by sub-ordinate users was removed in favour of the standard settings of using private or public synonyms as directed using the option HIGPUBSYN. This was not the case for the Map capture Interface which continued to rely on private views and a lot of metadata held in the SDE schema.

This left a hole for the Map Capture Interface users in the sense that the core product would no-longer create and update the private views and no longer maintain the SDE metadata.

Recent fixes to the Map Capture Interface have removed the need for the private views but these changes have also necessitated some minor changes to the core application programs. Left unchecked, standard core fixes such as the general update fix 23 will reset the core changes thus losing some of the critical features of the MCI fix.

This fix release is primarily intended as a catch-up release to reset the core application program back to its intended state for Map Capture Interface users.

However, it also fixes an irritating feature of the ESRI system whereby a spatial feature layer would need to be viewed inside a spatial client or operated on through command-line administration command as the owner of the data before the layer was exposed and available to another user. So, every time an asset layer was generated in the exor system, the data (owned by the highways owner) would need to be viewed in Spatial Manager or extracted using SDE2SHP before it could be visible to other sub-ordinate users of the Exor system. This is now much improved with layers being available immediately after they have been built.

The system used an exemption table to flag objects for which no synonym would be generated as and when new objects were built in the highways owner schema. This exemption table held the rows which prevented the system from creating synonyms for the MapCapture Interface objects. If this data is present it will be removed.

Also, the system no longer needs to support the huge swathes of SDE metadata for subordinate user accounts to access MapCapture layers. Hence a new exemption table has been introduced. Rows in this table provide a mask of object-names for which no SDE metadata will be created for subordinate user accounts. It is primarily intended to hold the exclusion of the MCI data but it is referenced in the code and needs to be shipped.

# 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.

|  |  |  |
| --- | --- | --- |
| Details | Internal Reference | TSG Ticket Number |
| SM fails to display subordinate data | Task 0108264 | ECDM Log# 715720 |
| SM fails to display asset layer as sub-user | Task 0111557 | 8001210153 |