



Network Manager Fix Release Notes

4.7.0.x Fix 53

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1. Introduction

This document defines the changes made to the Network Manager product for 4.7.0.x Fix 53 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 Fix53 Patchset including SMTP Authentication enhancement
Prerequisites	
Implementation Instructions	<p>The staging folder is the location of the folder that exnm04070001en_updt53.zip was extracted to (the folder containing this readme).</p> <p>Log onto SQL*Plus as the Highways Owner with the staging folder as the working directory.</p> <p>At the prompt type START nm_4700_fix53.sql and press return.</p> <p>Exit SQL*Plus</p>
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
nm3mail.pkw	2.18
nm_4700_fix53.sql	1.2

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4. Enhancements

4.1 Authenticated SMTP processing

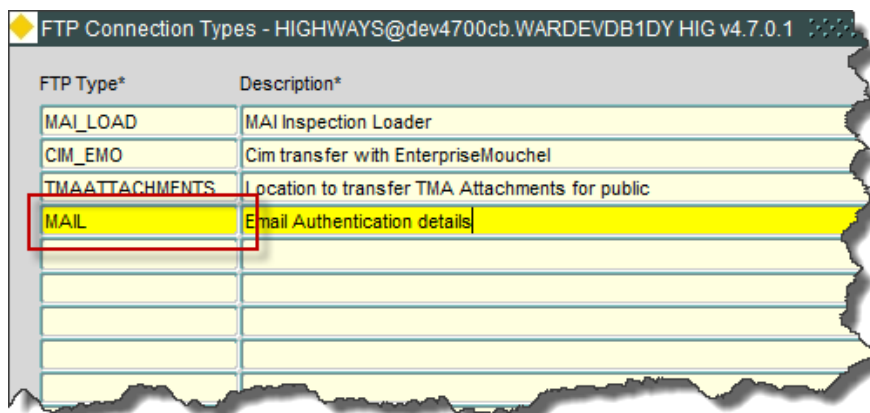
A facility has been introduced to allow for Authenticated SMTP methodology to be used, requiring Username and Password definitions to be defined and used for sending emails from Exor. Both Unauthenticated (i.e. the current configuration) and Authenticated SMTP methodology can be used, with the preferred method defined by product option AUTHMAIL, see Product Option details defined below.

4.1.1 Authenticated SMTP credential specification

To allow for Authenticated SMTP methodology, the username and password must be defined in Exor. This is achieved by defining the details in the FTP Connection Types and FTP Connections forms (i.e. HIG0100 and HIG0200) as follows:

4.1.1.1 FTP Connection Types

For the Authenticated SMTP definition, the FTP Type must be specified as MAIL:



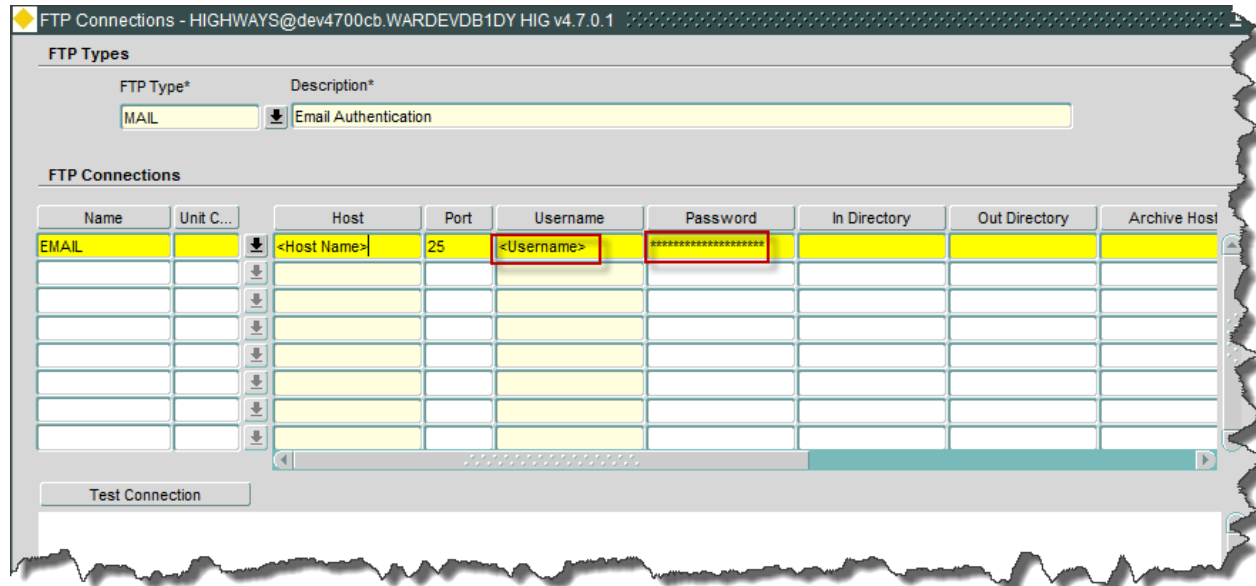
FTP Type*	Description*
MAIL_LOAD	MAI Inspection Loader
CIM_EMO	Cim transfer with EnterpriseMouchel
TMAATTACHMENTS	Location to transfer TMA Attachments for public
MAIL	Email Authentication details

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4.1.1.2 FTP Connections

The SMTP connection details must be specified in the FTP Connections form as follows:



FTP Connections - HIGHWAYS@dev4700cb.WARDEVDB1DY HIG v4.7.0.1

FTP Types

FTP Type* Description*

MAIL Email Authentication

FTP Connections

Name	Unit C...	Host	Port	Username	Password	In Directory	Out Directory	Archive Host
EMAIL		<Host Name>	25	<Username>	*****			

Test Connection

Where Username and Password values = Username and Password used for SMTP server authentication

Host and Port values = The Host and Port values are not used for SMTP access or authentication so can be defined as required

Note 1: Both Username and Password details must be defined as ASCII unencoded characters

Note 2: Although defined as an FTP connection, the credentials are not for used for FTP. As a result, pressing the **Test Connection** button will result in a failed connection.

Note 3: An entry in the Alert Log form (HIG1525), similar to the details below, will be produced if the SMTP Authentication details have not been defined.

Alert Log - HIGHWAYS@dev4700cb.WARDEVDB1DY HIG v4.7.0.1

Type	Description	Alert Description	Primary Column	ID	Recipient Email	Alert Raised Date v	Alert Sent Date	Status	Select
ENQS	Enquiries	Alert test	Enquiry Id	679635	chris.baugh@bentley.com	15-NOV-2017 13:29:30	15-NOV-2017 13:29:30	Failed	<input type="checkbox"/>
ENQS	Enquiries	Alert test	Enquiry Id	679635	chris.baugh@bentley.com	15-NOV-2017 13:29:29	15-NOV-2017 13:29:30	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278620	ZZbob.langley@somewhe	15-NOV-2017 13:26:59	15-NOV-2017 13:26:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278620	ZZdavid.browning@some	15-NOV-2017 13:26:59	15-NOV-2017 13:26:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278607	ZZbob.langley@somewhe	15-NOV-2017 13:21:59	15-NOV-2017 13:21:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278607	ZZdavid.browning@some	15-NOV-2017 13:21:59	15-NOV-2017 13:21:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278594	ZZbob.langley@somewhe	15-NOV-2017 13:16:59	15-NOV-2017 13:16:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278594	ZZdavid.browning@some	15-NOV-2017 13:16:59	15-NOV-2017 13:16:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278581	ZZdavid.browning@some	15-NOV-2017 13:11:59	15-NOV-2017 13:11:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278581	ZZbob.langley@somewhe	15-NOV-2017 13:11:59	15-NOV-2017 13:11:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278567	ZZdavid.browning@some	15-NOV-2017 13:06:59	15-NOV-2017 13:06:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278567	ZZbob.langley@somewhe	15-NOV-2017 13:06:59	15-NOV-2017 13:06:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278553	ZZbob.langley@somewhe	15-NOV-2017 13:01:59	15-NOV-2017 13:01:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278553	ZZdavid.browning@some	15-NOV-2017 13:01:59	15-NOV-2017 13:01:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278541	ZZbob.langley@somewhe	15-NOV-2017 12:56:59	15-NOV-2017 12:56:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278541	ZZdavid.browning@some	15-NOV-2017 12:56:59	15-NOV-2017 12:56:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278528	ZZbob.langley@somewhe	15-NOV-2017 12:51:59	15-NOV-2017 12:51:59	Failed	<input type="checkbox"/>
PRO\$	Process Alerts	PEM email process ha	Primary Key	2278528	ZZdavid.browning@some	15-NOV-2017 12:51:59	15-NOV-2017 12:51:59	Failed	<input type="checkbox"/>

From :
 Subject : test alert
 Email Text : test email

Failure Comments : SMTP Authentication details have not been defined

Resend

4.2 New Product Options

4.2.1 AUTHMAIL

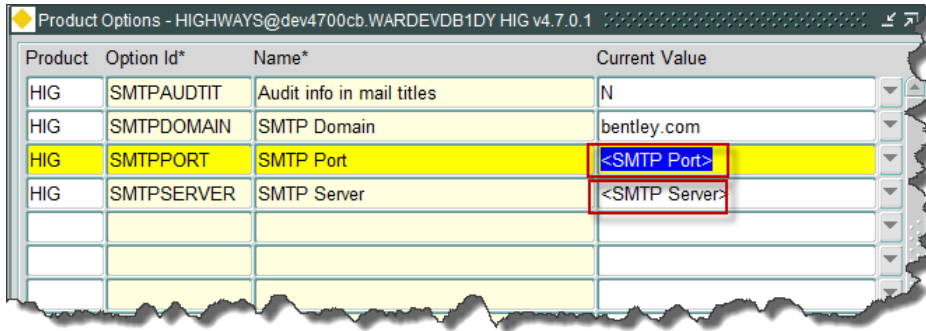
Defines whether SMTP Server requires Username/Password authentication. By default, this is set to 'N', where SMTP Authentication is not required. Setting to 'Y' will require the specification of SMTP credentials, as described above.

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4.3 SMTPPORT and SMTPSERVER Product Options

Please note that product option SMTPPORT should be set to the port used on the SMTP server, which is usually port 25. Product Option SMTPSERVER should be set to the Host Name or IP Address of the SMTP server.



Where <SMTP Port> = Port used on SMTP server
 <SMTP Server> = Host Name or IP Address of SMTP server

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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>
Requirement to add SMTP Authentication methodology for improved security	Defect 770675	

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