

Allied- Exxon/Mobil NeXGen Network Systems - Release Notes

Allied Versions: MxN1000 or newer
Report Date: June 23, 2008
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For purposes of this document, the NeXGen controller will be referred to as "NXG."

Gilbarco Systems

Version(s)	Status	Release Notes
MGN1000N Rev 8	Released 9/28/2007	<ol style="list-style-type: none"> 1. MGN1000 is the first NeXGen based Exxon Mobil EMV4 Credit / Gilbarco pump configuration firmware 2. It is based on the MGNXXXX SSC code, but with improvements and optimizations to the MobilHost sub-system 3. SSC hardware specific sub-systems were completely replaced with NeXGen specific code 4. It includes Static RAM support 5. EXFT81 cards are now properly processed. 6. Track 1 and track 2 data are now sent to the host according to the specification 7. DPTs are no longer mapped 1:1 to terminals on a cluster, but are now processed in a round robin fashion. 8. POS unique fixed TIDS are now assigned. 9. Unpaid CAT transactions are now forwarded to the host using their original terminal address. This is also true for CAT S/F transactions. Previously all Unpaid CAT & CAT S/F transactions were sent to the host using a terminal ID value of 3A. 10. TID's are now freed up after a sales have been processed. 11. Added support for 16 serial ports. This also required new I/O jumper settings. 12. Added Support for the FMD price sign display. 13. Previously if a price change occurred followed by a warm start, only the first price on the FMD Price Sign would change. This has been fixed. 14. Addressed physical connectivity issues for serial ports 9-12.

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<p>MGN1001N Rev 5</p>	<p>Released 07/15/2008</p>	<ol style="list-style-type: none"> 1. Up to 27 lines of POS formatted data are now supported on the receipt (AccuRev 32). 2. CCH Loyalty provider code was updated based on changes in the NeXGen platform (AccuRev 60). 3. Card approvals via DPT R now comply with the DPT Transaction Flow document of 24 February (AccuRev 60). 4. Track two data are now processed properly for all card types. 5. Host link status should now properly reflect that of the XOM satellite link. 6. POS connections supplying loyalty processing can now sign on as service class LOY. 7. The SSC F message now returns the proper link status (AccuRev 56). 8. S/F Transactions on the rollover device (T) are now forwarded to the host (AccuRev 70). 9. Can now receive a card table download under all circumstances (AccuRev 71). 10. Group Table now must be at least 1 record in length rather than 4 (AccuRev 72). 11. Start & stop sentinels are no longer included in the host messages (Bug introduced during the cleanup effort – never entered the field - AccuRev 75). 12. Credit host communications time outs were increased. 13. If the host goes offline during a table download, it retries rather than just aborting. 14. Fixed a minor logic bug when receiving a product table with an RFA completion code of ‘g.’ 15. If a product table is not available or not supplied by the host, it automatically uses a default. 16. DGS/Communicator users must upgrade to communicator DLL version 2.1.3.0 which fixed an intermittent bug in the RFA file rename function. 17. Fixed issue where the card table was missing a connection to the prompt table. 18. When requesting a PPG discount for a non-existent grade, the dispenser would enter a non-sequitor state. PPG discounts for non-configured grades are now ignored. 19. Flex host prompting was inconsistent based on message content. The host processing sub-system now parses the stream such that if data are missing or inappropriate. 20. Fuel product tables are now written when received. 21. Fixed issue where using a non-PCI compliant POS to a PCI compliant MGN build would cause NXG to warm start. 22. Fixed issue where configuring a POS count of 0 would cause cards to be billed twice – sending a POS count of 0 will now result in a message range error. 23. Added support to force the use of a longer delay when
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		<p>sending data messages (e.g. price changes and presets). The dispenser model field in the DIS M message to must be set to a '9.'</p> <p>24. Addressed a card table download issue that would occur if the site was set up for two clusters.</p>
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Wayne Direct Systems

Version(s)	Revision	Status	Release Notes
MDN1000N	1	QA	<ol style="list-style-type: none"> 1. Initial MDN version for NXG. 2. NeXGen allows the RFA provider to be on any port. It latches on the first POS supplying RFA that it finds. 3. Added support for the FMD price sign.