IDENTIV SNIB3 v04.00.0088 Release Notes

Feature Additions:

Network Global IO feature

Support for Network based Global IO feature is added in this release. The previous RS-485 primary-Downstream Global IO functionality has been expanded to include Ethernet control across multiple standalone controllers or in a mixed mode environment (some controllers in standalone mode and some in primary/downstream setup).

Minimum Requirement

1. Velocity v3.8.4.774 or above
2. SNIB3 v4.00.0088 or above in all participating controllers
3. Network GIO Package (SNIB3_NET_GIO_PKG_01_00_0000.dat) in the controller which acts as a server in the Network GIO Group.

Note:

1. Update SNIB3 FW v04.00.0088 or above followed by Network GIO Package.
2. Install the Network GIO Package **ONLY** in the server controller of the Network GIO MCZ or Credential Group.
3. You do **NOT** need to install the Network GIO Package in all participating controllers.
4. Network GIO feature uses port number 8883 to share events between controllers, please make sure the port is not blocked in firewall settings.
5. All Network GIO events are encrypted over TLS1.2.

PAC-4107	Support for automatic disabling of credential in SNIB3 DB mode when used at a specific reader.
PAC-4594	Report bus communication issues to Velocity, as part of this feature every midnight Velocity reports the number of error counts in RS485 bus (Primary/downstream port), SNIB3-CCM bus and SNIB3-Velocity Ethernet port.
PAC-4068	Report SNIB3 MAC address to CCM to track HW change.
PAC-4086	Report encryption switch position to Velocity.
PAC-4405	Added support for updating Network Global IO support package image file.
PAC-4038	Added support for new firmware update status. When a downstream SNIB3 FW update fails due to to timeout SNIB3 primary and downstream panel will send "Stopped DFU/CSV Download due to timeout error".

Bug Fixes:

PAC-4535, PAC-4465	Configuration/Credential download hangs if there is intermittent network connectivity.
PAC-4593	Disabling the port in the middle of a controller configuration download results in controller not coming back online until power cycle
PAC-4581	XMSG 5 (DT not logged in) immediately after XMSG 3 reports logged on which causes resumption of batches to be delayed
PAC-4604	SNIB3 does not reestablish communication with CCM for up to two minutes when the SNIB3 port disabled during a controller download
PAC-4603	Loss of batch commands when SNIB3 port is disabled and re-enabled during a controller download
PAC-4635	Improvements in SNIB and CCM communication and error recovery
PAC-4499, PAC-4608, PAC-4496	Intermittent connectivity issue with Velocity.
PAC-4676	Controllers reported online\logged on but never really showed as online in a primary\downstream environment.
PAC-4572	Forgive Users by Zone CMD (98*44*pzstart*pzend*0*0) not functioning correctly in SNIB3 DB mode.

PAC-4038, PAC-4720	Unable to update SNIB3 FW or download CSV files in SNIB3 DB mode, error "XBox Command 22 Error".
PAC-4070, PAC-4008, PAC-3726	Unable to discover SNIB3 in IPv4 mode. *Check for SNIB3 OS version 01.00.0001 and contact tech support
PAC-4672	"Secure Connection Not Established message" event flooding in Velocity.
PAC-4887	In SNIB3 DB mode Occupancy count is not reset in downstream controllers when issuing "Forgive all users/credentials in this zone.

Known Limitations:

PAC-3567	Updating SNIB3 firmware from 02.06.1045 fails in XNET 3 / TLS mode and may also cause the DigiTrac Service to go offline. The workaround to update SNIB3 02.06.1045 to a higher version when currently connected in TLS mode (XNET 3) is to change communication to XNET 2 (AES) and then update the SNIB3 firmware. Once updated, the port can be switched back to XNET 3. To revert a SNIB3 currently communicating in XNET 3 (TLS) do the following: 1. Disable Velocity Port 2. Change Velocity Port to XNET 2 and check Reset Encryption option 3. Enable Reset Encryption DIP switch on SNIB3 4. Cycle SNIB3 power 5. Enable Velocity PortOnce SNIB3 connects, perform SNIB3 firmware update. After the firmware update completes you may switch Velocity Port back to XNET 3 if desired.
PAC-4561	On downgrading SNIB3 FW to 3.2 from 4.00.xx and upgrading back to v4.00.xx SNIB3 Network GIO Support Package has to be re-downloaded in case the controller acts as a server in the Network GIO group, otherwise the Network GIO package version number will not be displayed in the controller properties.
PAC-4018	Support for non-scramble feature per credential will not work for PIV PIN in contact mode.

PAC-4483	In Network GIO setup if a client controller goes offline the status will be reflected in the Network GIO status viewer there won't be any separate event from Network GIO server.
PAC-4886	In a primary/downstream setup, a user cannot initiate in parallel SNIB3 FW update in one downstream and Credential download in SNIB3 DB mode in another downstream. This will result in credential download failure. Once the firmware update completes user will be able to download the credential without any issues.