DX80 Performance Configuration Software v4 Release Notes

Date	Version	Notes
Aug 01 2016	4.0.032	
Dec 16 2016	4.0.035	Changes: Consistent formatting for all controls and on screen text. IO points reformatted such that miscellaneous actually reflects the real honest to engineering misc. bit. Under network & device, we have Gateway communications sub tab. This allows you to set the GWID, parity, baud rate, and binding code via software. Any damage is solely on the end user.
	4.0.036	Renamed Interrupt input to Async counter. Added IOconfig and baseline scale to both input and output points. Unchecking minimize traffic will cause the tool to read everything, every time. Multiple discrete input now shows up properly. Now properly sterilizing all names sent to DX80 devices. DXM ISM radio ID now clamped in the range 1-197. Boost warmup times now support 1ms intevals up to 31ms, 62.5ms steps thereafter. Smoothly scales timing prescalar values during this process. Reworked all controls and application layout. Redid back end code to improve responsiveness.
	4.0.037	Fixes: Changed timespan entry to increment by 1s vs 1hr. Uniform comms timestamping across all apps. Changed some internal permissions to allow DX80Cactus to leverage UCT's code base.
Aug 22 2017	4.0.038	Changed linking tab such that IO point data is read only. The user can only read write link data from the linking tab.
Dec 07 2017	4.0.039	Fixed an issue with output type selection
Mar 09 2018	4.0.040	On switch power voltage combo box, changed 0V to read Battery. Modbus protocol improvements. A number of DX80 Modbus specific commands NACK. This was undocumented. I had to figure out which commands NACK'd and implement NACKS accordingly. I'm not sure that this level of detail is necessary for our customer base.
Apr 03 2018	4.0.041	Added internal output mapping to input points.
May 03 2018	4.0.042	Bug fix: Switch power settings not correctly displaying after read back
May 8 2018	4.0.043	Bug fix: Windows update busted keyboard entry for switch power warmup time
Aug 13 2018	4.0.044	Bug fixes: Migrated to .NET 4.6.1. This will likely cause some complaints as it could trigger a new .NET download. Fixed an issue where output data was occasionally not written when traffic was minimized. Added sanity checking to thresholds
Oct 2 2018	4.0.045	Fixes: On Gateway default output triggers, host link failure now has a selectable timeout value; Fixed issue where GUI wouldn't update Default output trigger checkboxes on reads. Changes: Application now requires Gateway RF firmware 3.3.0
Dec 7 2018	4.0.046	Fixed: Pulse width, Sample rate, Report rate, Data entry issues
Mar 18 2019	4.1.0	Front-end changes: • Renamed application to conform to new Banner naming standards. • Added digital signing. • General application speed up. Faster launch times and faster, more robust comms. • When reading multiple IO points or an entire device, the GUI now updates on the fly. Back-end changes: • Complete re-write of all back end code. • Previous versions of the application would stop reading/writing IO point data if the IO point was disabled. This version will keep reading/writing in the event of a disabled IO point. • Improved comms handling.
Apr 23 2019	4.1.1	Fixed crash on load when not connected to internet. Fixed IO linking read issue.
Jun 14 2019	4.1.2	Fixed: Application no longer crashes when you press "send all IO links" Added: Advanced application signing and timestamping. Likely not relevant to most customers.
May 2025	4.2.2	Updated menu tab layout to match other Banner configuration software applications Added Connection Settings option allowing connection to DXM1200-B2/X2 radios

Original Instructions
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