

NorPix Simplifies Quality Inspection System Design with Integrated Industrial Ethernet Support

Company's Digital Video Recording software now includes support for OPC and Modbus

MONTREAL, CANADA – May 5, 2020 - NorPix Inc., a leader in the development of digital video recording software, today announced that its StreamPix software suite now supports both the OPC and Modbus industrial Ethernet protocols.

Beginning with version 8.2 –available now – users will be able to configure StreamPix to record or mark video based upon events occurring during product inspection. Pharmaceutical manufacturers – for example – can configure StreamPix to automatically record video corresponding to any failure or other event that occurs during packaging inspection. In such an application, StreamPix software would receive immediate notification of the inspection failure via the OPC or Modbus protocols, and would store video captured both before and after the event. StreamPix can also make angle and length measurements based on captured video, and can send those values to OPC clients on the network.

“Interface standardization is one of the keys to ensure the rapid design of a highly functional and reliable quality inspection system,” said Luc Nocente, President of NorPix. “We are excited to give our customers the ability to easily integrate our advanced video capture capabilities to their industrial Ethernet networks, and look forward to expanding the capabilities of our OPC and Modbus integrations in the future”.

Integration between PLCs, robots, and inspection systems on the factory floor with digital video recording software can assist in rapidly identifying root causes of quality inspection failures, and can improve traceability of products throughout the manufacturing process. Enabling communication between equipment from different vendors often presents challenges to the inspection system designer – challenges which are alleviated when such equipment and software adopt a standards-based approach.

NorPix' StreamPix software suite – available in six languages - is particularly well-suited to fulfill these needs, with industry-leading features such as ring buffers for pre/post triggering of video recording, slow motion playback, and compatibility with a wide range of cameras and frame grabbers using industry-standard GigE Vision, USB3 Vision, CoaXPress, and Camera Link interfaces. The software suite

also enables the recording of audio, as well as ensures that all data is recorded with accurate timing by interfacing with IRIG A/B or GPS modules.

About NorPix

NorPix is a developer of high-speed digital video recording software specializing in single or multiple camera acquisition. Our software provides a wide selection of features such as time stamping, synchronization, audio and data acquisition and much more. Our software and systems are used throughout a wide range of applications including special effects, scientific research, life science, geo-mapping and military applications.

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