



STATE OF WASHINGTON
GAMBLING COMMISSION

"Protect the Public by Ensuring that Gambling is Legal and Honest"

August 15, 2018

Eric Thomassian, President
XpertX, Inc.
5301 Longley Lane #H-118
Reno, Nevada 89511

RE: XpertX Computerized Keno System -Supervision Station v4.26, Touchscreen Control Station v3.1.0.232, v7.00.545 Submission #9578

Dear Mr. Thomassian,

Thank you for requesting approval of the XpertX Computerized Keno System -Supervision Station v4.26, Touchscreen Control Station v3.1.0.232, and v7.00.545. We have completed our review.

The XpertX Computerized Keno System -Supervision Station v4.26, Touchscreen Control Station v3.1.0.232, and v7.00.545 is approved for use in Washington State.

Approval of the XpertX Computerized Keno System 5 is contingent on the following requirements:

Manufacturer Requirements:

- The *FileTransfreSocketClient.exe* software may reside on audit PC's within the casino network. All other XpertX Keno system hardware, software and devices must reside on their own separate network from the casino network and be located within the gaming facility.
- The firewall configuration must be sent to the Washington State Gambling Commission Electronic Gambling Lab for review prior to going live at the casino or when any changes are made to the configuration.
- Below are the minimum security settings recommended for the Router and Mobile Writer Stations:
 - WPA2 encryption and 802.11n standard Wi-Fi communication
 - MAC Address filtering for authorized devices only
 - Unique SSID configured on the router and set to not broadcast
 - No external wireless connections outside the XpertX Keno network



- Connection to the router from the Mobile Writer Stations should use complex and unique passwords.
- The configuration of the Mobile Writer Stations should be the same as the wired Writer Station where upon power up it automatically boots into the Writer Station application.

Tribal Casino Implementation

- Ensure internal controls are revised to include new equipment and procedures, and are approved by the Tribal Gaming Agency and concurred with by the Washington State Gambling Commission.
- In order to restrict access to the XpertX Keno system or network, the casino should not allow any keyboard or other interface devices to be connected to any XpertX Keno system components, with the exception of the Keno Host back-end PC, while in play.

The electronic signatures for the XpertX Computerized Keno System -Supervision Station v4.26, Touchscreen Control Station v3.1.0.232, v7.00.545 are listed below.

Call Station PC

Touch Screen Terminal Setup.exe	SHA1 077AD21081BD53F9B9EDE4B4CFA7B959433DA14D
Control Station.exe	SHA1 3FD159A0CD4AE45D202F0BEF5A9804075B4843E9
CrashRpt1403.dll	SHA1 9E0737F330086F63F16678981D2B917C3333591C

Keno Host PC

Maintenance.exe	SHA1 695BC049BDE7E731B04F509621ECBD0850DE1853
openssl.exe	SHA1 230869D4FB7B838160F785E37A6247E0E74F9953
Restart.exe	SHA1 C05E5DF51E9797955C49F1E070397317691E797
vcredist_x86.exe	SHA1 84F65B93F99DCA65F47638B4EB851C32FEFC6939
Configuration.exe	SHA1 F3A9771E2A3AEEEC91731D670D4F75433B6D438E
Convert.exe	SHA1 DFE851AD52F097B93B28778F5FBFEB82CD224881
Keno.exe	SHA1 DA91BF02127AB96B1B7FFFAA1D1945EBDD02D31C
FileTransferSocketServer.exe	SHA1 5CACA41D28DE8290B97F74B72190935CC652968F
Licensing Service Configuration.exe	SHA1 C2268CFB901447CC747627A389EF3C5821CD5AAC
LicensingWebService.dll	SHA1 9F4B9DE57F3A10568B569FF8D8BE61CB7EAEFED4
XpertX_ISAPI.dll	SHA1 6863776A58A48F3007FC087F1BAF489AF8EAFC1E
Database64.dll	SHA1 0BA16E05F6CDDFA6C1B1BE19BC2A8C9136910D779

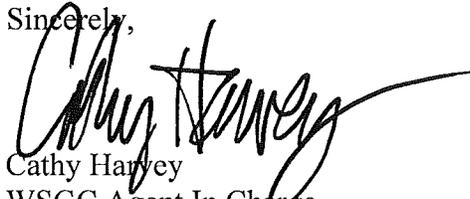
Writer Station (both mobile and stationary) PC's

StarIOPort.dll	SHA1 50BC664BE1B65F1EB7235D652965211470360661
Ticket Editor.exe	SHA1 6942DEB5BA4D2DE54D1DB979E0C5B6F1A67BC781
Touch Screen Terminal Setup.exe	SHA1 F51E7BF148C0687708246F58C809220E00288F0E
Writer Station.exe	SHA1 C611B25A00689C22D0BA39975561233EAD760351
CrashRpt1403.dll	SHA1 9E0737F330086F63F16678981D2B917C3333591C
Mark Sense Editor.exe	SHA1 3B77CBA8D5FFBC9F944D24D08C4EC0A294951967
Printer Test.exe	SHA1 C00B449D7B9C82236C40423FA1E43688A651043F

Any modifications made to the XpertX Computerized Keno System must be submitted to us for additional testing and review. We reserve the right to investigate and re-evaluate this equipment if we determine that such a review is necessary to ensure compliance with applicable rules or laws in Washington.

Thank you for your cooperation during this process. We appreciate your desire to comply with our regulations. If you have any questions regarding this matter, please contact me at (360) 340-0266.

Sincerely,



Cathy Harvey
WSGC Agent In Charge
Tribal Gaming Unit