



STATE OF WASHINGTON  
GAMBLING COMMISSION

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

November 19, 2014

Sherili Jones  
Compliance Manager  
Gaming Arts LLC  
323 Orville Wright Court  
Las Vegas, NV 89119

RE: Optima Keno System v3.0, Audit v2.0, Writer v2.0, Kiosk v2.0, Desk v1.10 and Display System version 1.18.8

Dear Ms. Jones,

Thank you for requesting approval of the Optima Keno System v3.0, Audit v2.0, Writer v2.0, Kiosk v2.0, Desk v1.10 and Display System version 1.18.8 (Optima Keno System). We have completed our review. The Optima Keno System is approved for use in tribal casinos in Washington when operated only as described in the documentation you provided us in the Game Endorsement Form for New or Upgraded Equipment and is contingent on the following requirements:

- Prior to operation, each Tribal Gaming Agency must approve, and we must concur, internal controls documenting the operating procedures for the new and updated equipment and software.
- The Optima Auditor program is recommended to run on a dedicated computer on the standalone Optima Keno network with physical and logical security controls in place.
- In order to restrict access into the Optima System Keno network or kiosk computer the casino should not allow any attached keyboard or other interface devices to the kiosk during normal business operations.
- The Optima System program's Audit user group should be configured so it does not have permission to configure or change any Optima System keno users.
- The configuration of the Wireless Station should be the same as the wired Writer Station where upon power up it automatically boots into the Writer Station application.
- Wi-Fi for the router and tablet is recommended to be set up as listed:
  - WPA2/AES encryption, 802.11g/n standard Wi-Fi communication
  - MAC Address filtering for authorized devices only
  - Configure a unique SSID and set it to not broadcast
  - No external wireless connections outside the Optima Keno Network
  - Connections to the router from the Wireless Station using a complex and unique password.



- The following plug-ins may not be activated:
  - Incremental Draw
  - NIGC Standards
  - Pattern Bingo
  - Pull Tab

The following plug-ins are approved: Bonus Ball, Exacta, Future Game Tickets, Kiosk, MTRNG, and Multiplier.

The electronic signatures for the Optima Keno System are as follows:

**Optima System version 3.0**

Software Components	SHA1 or Eagle-Check signatures
Optima.exe	85F1B65144426589C68BD2998FF1B8D9F026B5F3
lvgreg.dll	103CE8087CEE1D6F66BCF6178C0517B2EF304BB9
libdb42.dll	245CD1FFDA46602D0E5275C1612AFC95164B9DCC
mtrng.dll [didn't change]	B75454F9596A44570E7361641868431D51D829BC

**Optima Desk version 1.10**

Software Components	SHA1 or Eagle-Check signatures
desk.exe	A9EDCAE818FBEC852ED801CC0C4E2C90C9885C49
lvgreg.dll =	103CE8087CEE1D6F66BCF6178C0517B2EF304BB9

**Optima Writer version 2.0**

Software Components	SHA1 or Eagle-Check signatures
POSterminal.exe =	8136526492C7E7B636F980D1003A17372FC57743
lvgreg.dll =	103CE8087CEE1D6F66BCF6178C0517B2EF304BB9

**Optima Audit version 2.0**

Software Components	SHA1 or Eagle-Check signatures
waudit.exe	2616A4FC6A02159525C42DC03A8B3B74E9A6E595
lvgreg.dll	103CE8087CEE1D6F66BCF6178C0517B2EF304BB9
libdb42.dll	A7B7E205A3B084E32B14D43316C739410719D4A0"

**Kiosk version 2.0**

Firmware Components	SHA1 or Eagle-Check signatures
Kiosk.exe	17D5D406C03FFBB24DD98D6DD0A8841A70E665E5
lvgreg.dll	103CE8087CEE1D6F66BCF6178C0517B2EF304BB9

**Display System version 1.18.8**

Firmware Components	SHA1 or Eagle-Check signatures
OptimaAV.exe	AA97A738448EBC7BB7B90AE207F7284DC66C0EE5

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Any modifications made to the Optima Keno System must be submitted to us for additional testing and review. These changes could include, but not be limited to, changes to the name, topography, configuration, or firmware. We reserve the right to investigate and reevaluate the Optima Keno System if we determine that such a review is required.

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) 486-3546.

Sincerely,



Tina Griffin  
Assistant Director  
Licensing Operations Division

cc: Julie Lies, Assistant Director Tribal Gaming Division