

Networked Keno Game System for Gaming Locations in the State of Illinois

Issues With Paper Keno Cards for Player's Picks Submission

8 September 2016

CONFIDENTIAL

Thomas W. Butler
623 Oak St.
Rockford, Illinois 61104
815-668-6146

Were it not for the keno number "picker" program I created, there would have been no way to enter keno picks since I don't have a reader. The program will be instrumental in testing the validity and reliability of the software since it is impractical to insert 1000's of keno cards during testing.

The standard keno card has marking areas for "spots", "picks", and bet amounts. Only picks would be used by our system. For initial field-testing, these items might be OK, but for actual deployment they would probably create confusion for the player since only "picks" would be used. Custom-made keno cards would be required.

There is no way to enter a nickname. It would have to be randomly generated. Nicknames are handy in that they allow a player to see his her name on the win list rather than checking only ticket numbers.

The use of keno cards for player pick submission presents a number of problems. One of which is fraud, or submission of multiple cards by a person, or nefarious reasons such as the repeated submission of the same card to gum up the system.

Another problem is the illegal sale of the cards for gambling purposes. An operator could illegally charge money for a card; say a dollar for ten cards.

One of the problems with keno cards is that they require, like ballots, precision printing methods. At the election company, we developed "on-demand" ballots that print on a laser printer using heavy card stock. A program could print a blank ballot for a specific precinct. In the future, we could print our own keno cards as PDF documents.

Keno cards are very similar to voting ballots. They can be localized (as in a precinct for a ballot).

To address these problems, the software could:

1. Keno cards can be serialized.
No card can be played more than once.
Admin can override.
2. Keno cards can be localized.
Card can only be played at one specific location.
Admin can override.
3. Program can have a cap on the number of tickets played in a given interval.
Exceeding the cap causes an exception (alert message to admin).
Admin can override cap remotely.