

**112-110-8. Central computer system; general hardware specifications.** (a) Each CCS shall be a state-of-the-art, fault-tolerant, redundant, and high-availability system. Any CCS may be configured in a duplex, triplex, or multiredundant configuration. All computer system components and peripheral equipment, including front-end communications processors, system printers, and tape drives, shall be fault-tolerant and redundant and maintain high availability. No performance degradation or loss of system functionality shall occur with the failure of a single system component. The central computer system's storage management solution shall provide fault tolerance and scalability.

(b) The performance of each CCS shall match or exceed the performance of any similar systems installed by North American lotteries or gaming central control systems in casinos in the last three years.

(c) The functions of each CCS shall not interfere with players, employees who require real-time monitoring of security events, cashiers who handle financial transactions of the electronic gaming machines, or attendants who service the EGM.

(d) Performance of each CCS shall not degrade noticeably during ordinary functionality. The CCS shall provide capacity to accommodate EGM populations, play volumes, user sessions, and event recording consistent with all specifications.

(e) All hardware and ancillary peripherals comprising the CCS shall be new equipment that has not previously been used or refurbished.

(f) The supplier of each CCS shall be able to produce system checksums or comparable system file checker reports when requested by Kansas lottery or the commission.

(g) Each supplier of CCS hardware and software shall obtain written approval from the Kansas lottery director or the director's designee before making any enhancement or modification to the operating software.

(h) Each CCS supplier shall provide all hardware, operating system software, third-party software, and application software necessary to operate the CCS.

(i) Each CCS shall be able to operate 24 hours a day, seven days a week, with the database up and running. Off-hours backup shall be able to run without shutting down the database. The Kansas lottery shall be able to do a full system backup, which shall include backing up the operating system and any supplier software.

(j) The central processing unit and peripheral devices of each CCS shall employ physical security measures in the form of sealed casings, lockable containment, or any other means of physical security approved by the Kansas lottery and the commission.

(k) Each CCS shall be able to support gaming in at least seven gaming facilities in the state of Kansas.

(l) Each CCS shall have one or more management terminals located at each of the facilities. Management terminals may be accessed only with the permission of the Kansas lottery. A monitoring terminal shall also be located at the Kansas lottery headquarters.

(m) Each CCS shall have two or more monitoring terminals at each facility, as approved by the commission, with at least one terminal to be utilized by the commission. A monitoring terminal shall be located at the commission headquarters.

(n) The responsibility to audit all lottery gaming facility revenues shall rest with the commission. Each CCS supplier shall provide a separate data feed that contains the original accounting data from the EGM before any adjustments and means to reconcile the values or other means of validating any adjustments are made to any data on the system. This separate data feed shall be approved by the commission. (Authorized by K.S.A. 2007 Supp. 74-8772; implementing K.S.A. 2007 Supp. 74-8749 and 74-8772; effective May 1, 2009.)