



**OPERATING STANDARDS
VIDEO LOTTERY TERMINALS
EFFECTIVE DATE: NOVEMBER 1, 2021**

OVERVIEW

This document describes the Ohio Lottery's Video Lottery Terminal (VLT) requirements.

REFERENCE DOCUMENTS

GLI 11, version 2.1, release date August 21, 2011
GLI 11, version 3.0, release date September 21, 2016
GLI 12, version 2.1, release date September 6, 2011
GLI 13, version 2.1, release date September 6, 2011
GLI 16, version 2.1, release date September 6, 2011
GLI 17, version 1.3, release date September 6, 2011
GLI 18, version 2.1, release date September 6, 2011
GLI 20, version 2.0, release date May 14, 2019
GLI 21, version 2.2, release date September 6, 2011
GLI 26, version 2.0, release date February 24, 2015
GLI 28, version 1.0, release date February 14, 2011
Ohio Administrative Code, [3770:2-10-60](#) Game Rule Sixty
Intralot Ohio VLT Manufacturer Requirements Version 1.9 updated 12/11/2019

TECHNICAL STANDARDS

Machines must adhere to the requirements detailed in Game Rule Sixty, OAC 3770:2-10-60.

Machines submitted for certification prior to March 1, 2019 must adhere to GLI 11 version 2.1 release date August 21, 2011 except for the following:

- Each reference to a payout percentage shall be replaced by not less than eighty-five (85%) percent of the theoretical payout percentage as approved by the OLC.
- The OLC does not adopt sections 1.1 and 1.2 and any revisions history.

Machines submitted for certification on or after March 1, 2019 must adhere to GLI 11 version 3.0 release date September 21, 2016 except for the following:

- Each reference to a payout percentage shall be replaced by not less than eighty-five (85%) percent of the theoretical payout percentage as approved by the OLC.
- The OLC does not adopt sections 1.1 and 1.2 and any revisions history.
- The requirement for advertised awards falling outside of the 1 in 100 million odds criteria outlined in section 4.8.2, for modifications of games certified in the OLC jurisdiction prior to March 1, 2019.
- Sections pertaining to games with skill or games in which the outcome is not determined by a random number generator.



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Machines must adhere to the Intralot Ohio VLT Manufacturer Requirements document. This may be obtained from Intralot.

The Video Lottery Sales Agent's (VLSA) on-line monitoring and control system (MCS) and associated casino management system (CMS) must adhere to GLI 13, version 2.1 release date September 6, 2011. When appropriate functionality is supported by the MCS/CMS, the systems must also adhere to GLI 16, version 2.1 release date September 6, 2011, GLI 17, version 1.3 release date September 6, 2011, GLI 18, version 2.1 release date September 6, 2011, GLI 26, version 2.0 release date February 24, 2015, and GLI 28, version 1.0 release date February 14, 2011. This adherence must be certified by an independent test lab licensed by the OLC.

In the event the VLSA will be installing Client Server Systems to support Server Based Games on any VLTs at its facility, these systems must adhere to GLI 21, version 2.2 release date September 6, 2011. This adherence must be certified by an independent test lab licensed by the OLC.

In the event the VLSA will be installing Redemption Kiosks at its facility, these devices must adhere to GLI 20, version 2.0 release date May 14, 2019. This adherence must be certified by an independent test lab licensed by the OLC.

TECHNICAL COMPLIANCE

The VLT hardware requirements and document submission requirements are set forth in the Intralot Ohio VLT Manufacturer Requirements. The following documentation must be supplied to the OLC if requested for each VLT Software Set:

Par Sheet: A document detailing all symbol combinations and credits awarded for each winning combination. Additional information should include game variations, payout percentage, maximum credits per game, hit frequency and the odds to jackpot.

Product Release Notes: A document which must include the following:

- Game description.
- Supported VLT models.
- Software requirements/relationships.
- Game screens, to include (if applicable):
 - Attract screens.
 - Game play screen.
 - Bonus screens.
 - Free play screens.
 - Help screens.
 - All graphics significant to the game.



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GAME THEME COMMISSION APPROVAL

In addition to ensuring compliance with technical standards, the OLC reviews and approves game themes prior to their operation in Ohio.

Game theme submissions received by the 15th of every month are included on the next monthly Commission agenda. Submissions must include the VLT artwork and a brief description of the game functionality. A “game slick” is preferred and must be submitted in PDF file format through the OLC VLT game theme web portal located at <https://olcvlt.com>. Additional game information may be required upon request.

The Commission reviews and approves or denies each game theme. The review may include multiple prize structures within an approved range. All games will be approved for a minimum of \$.01 and a maximum of \$500.00. Approval will be granted through a Commission resolution as detailed in Game Rule Sixty, OAC 3770:2-10-60.

The Commission may determine that proposed game themes do not meet standards of good taste and may withhold approval accordingly. Game theme approval is required before testing of game software for technical compliance can commence. Please note that games are not approved to operate in Ohio until both the game theme has been approved and a certification has been received directly from an independent test lab licensed by the OLC.

A complete list of approved game themes and the monthly Commission resolution are posted on the [Ohio Lottery website](#). Please note that the list of approved game themes and the Commission resolutions do not include the status of the independent test lab certification.

CASHLESS SYSTEMS

Cashless systems allow players to participate in wagering activities using an approved, securely protected authentication method, which accesses: A player account at the cashless system of the operator; or an account of the player provided that it allows for the identification of the player and the source of funds that is linked in a secure manner to the cashless system of the operator and the player’s cashless account.

The approval of a Cashless System shall be certified in two Phases: 1) Initial laboratory testing where the laboratory will test the integrity of the systems in conjunction with EGDs, in a laboratory setting with the equipment assembled; and 2) With on-site certification where the communications and set-up are tested on the Racino floor prior to implementation.

Documentation pertaining to cashless activities facilitated by a third-party vendor must be made available upon OLC request from the VLSA.

The technical standard should adhere to the Gaming Laboratories International, LLC (GLI) Technical Standard, *GLI-16 –Standards for Cashless Systems Version 2.1*.



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INDEPENDENT TEST LAB CERTIFICATION

Each software set, including new versions, must undergo testing by an independent test lab licensed by the OLC. Software sets submitted to an independent test lab for testing and certification must be accompanied by OLC approved game theme documentation and an OLC issued game theme ID number. In the event, that a game fails to meet the regulatory requirements, the manufacturer may submit an official request for deferral of standards. The official request should include the specific standard for which the manufacturer is requesting deferral, a description of how the affected standard is currently handled by the manufacturer (in case of partial compliance) and an explanation justifying the deferral.

INCIDENT REPORTING

The technology provider or VLSA is required to notify the OLC promptly regarding identified errors, problems or weaknesses in the software set. The notification should include:

- An identification of impacted markets.
- An identification of impacted software or hardware.
- A description of the incident, recommended remedies and a contact for further information.

The incident report shall be submitted in writing via e-mail delivery to vlt@lottery.ohio.gov.

SERVICE EXPECTATIONS

The VLSA is required to maintain communication between each VLT and the OLC Central Monitoring System (CMS) via the required Slot Machine Interface Board (SMIB). Any VLT/SMIB not communicating with the CMS for a period of seven (7) days or more shall be placed out of service until the time communication is restored. The OLC may require non-communicating VLTs placed out of service for a period of thirty (30) days or more to be de-commissioned and/or removed from the gaming floor.

TERMINAL SHIPPING AND RECEIVING

The manufacturer must comply with the Operating Standards for Shipment of Equipment and Software issued by the OLC.

CONTACT

Questions regarding the OLC program, required game information and approvals, and incident reports may be directed to: vlt@lottery.ohio.gov.

Questions regarding the Intralot standards may be directed to: OHVLT@Intralot.us