



GAMING LABORATORY

INSTRUCTIONS FOR SUBMITTING INTERNET GAMING SOFTWARE OR HARDWARE FOR APPROVAL

The following list includes the minimum information required by the Michigan Gaming Control Board Gaming (MGCB) Laboratory for the approval of software or hardware requests as they relate to internet gaming platforms, games, and any other systems as required by the MGCB. Additional information may be required as deemed necessary by the MGCB.

- All necessary MGCB forms.
- Independent Test Laboratory certification letters and test results for each product submitted. The certification letters and test results must indicate each submitted product has been tested and certified to Michigan Gaming Control Board technical standards as established in the Lawful Internet Gaming Act, 2019 PA 152, related rules, R432.611 through 432.676, and related technical bulletins.
- Detailed information describing compliance with geofencing technical specifications as described in R432.631 and related technical bulletins. Provide a completed geofencing field testing report and pass/fail scoresheets.
- Detailed information providing the location(s) of the internet gaming platform and servers and describing security protocols of the location(s) where the physical servers are housed as described in R432.634 and 432.639(2)(a)(ii) and related technical bulletins.
- Detailed information describing compliance with communication standards as described in R432.635 and related technical bulletins.
- Detailed information describing compliance with internet gaming data logging standards as described in R432.636 and related technical bulletins.
- Detailed information describing compliance with requirements for self-monitoring of internet gaming platform critical components as described in R432.637.
- Change control processes that detail evaluation procedures for all updates and changes to equipment and the internet gaming platform. Such change control processes must be approved by the board as described in R432.637a.
- Detailed information describing compliance with the internet gaming operator/internet gaming platform provider technical and security standards (controls) and all required documentation as described in R432.639. Provide a completed copy of the Technical Security Standards (Controls) Questionnaire and all supporting documentation.
- For internet gaming platform submissions, provide all information required under R432.632a(1) including, but not limited to, the following:
 - A complete, comprehensive, and technically accurate description and explanation of the internet gaming platform and its intended use in both technical and lay language. The document must be signed.
 - Detailed operating procedures and/or service manuals of the internet gaming platform.
 - Summary description of internet game play, system features, and fault conditions.
 - Details of all tests performed on the internet gaming platform, the conditions and standards under which the tests were performed, the test results, and the identity of the individual who conducted each test.
 - A description of all hardware devices.
 - A description of all software including software version.
 - A description of all wagering communications.

- A description of all third-party integrated systems, including copies of signed contracts between the internet gaming operator or internet gaming platform provider and any third party integrating with the submitted platform.
- Any equipment that is required to perform testing.
- A detailed description of the risk management framework including but not limited to:
 - User access controls for all internet gaming personnel.
 - Information regarding segregation of duties.
 - Information regarding automated risk management procedures.
 - Information regarding fraud detection.
 - Controls for ensuring regulatory compliance.
 - Description of anti-money laundering compliance standards.
- Documentation verifying the platform and related information to include all of the following:
 - Platform version number.
 - A list of all submitted games with version numbers.
 - Documentation listing the entity that created the submitted games.
 - A list of all critical files within the internet gaming platform.
- A list of any remote gaming systems that will work in conjunction with the submitted platform.
- Documentation that provides a detailed overview of the internet gaming platform including system architecture, encryption methods utilized, user roles and permission settings, configuration settings, and logical and physical security.
- A list of devices that will work in conjunction with the submitted platform.
- For internet game submissions, provide all information required under R432.632a(2) including, but not limited to, the following:
 - A complete, comprehensive, and technically accurate description and explanation of the internet game and its intended use in both technical and lay language. The document must be signed.
 - Detailed operating procedures.
 - A description of internet game play, system features, and fault conditions.
 - A description of all software including software version.
 - Complete payable information including payable identification and date code.
 - Detailed information on the random number generator (RNG).
 - Return to player (RTP) calculation sheets, which must include the following information:
 - For each internet game program submitted, the internet gaming platform provider or internet gaming supplier requesting approval must supply calculation sheets that determine the RTP percentage, including base game, bonus games or features, free games, double-up options, progressives, and any other game features included in the RTP calculation.
 - Where different player options such as number of credits, lines bet, or player strategy cause the payable to vary, a separate calculation for each option is required.
 - Rake percentage.
 - Rules of the game.
- Detailed information describing the procedures used to validate internet game software utilizing the Game Authentication Tool or an equivalent authentication method approved by the board, as required in R432.632a(3).
- For progressive software to be used on an internet gaming platform, provide all information required under R432.632a(4) including, but not limited to, the following:
 - Software controlling the internet jackpot.
 - A mechanism to authenticate the software.
 - Rules that will be displayed to the individual or authorized participant that apply to the progressive jackpot.
 - The internet games that are common to a single progressive.
 - The odds of hitting the progressive amount.
 - The reset value of the progressive.
 - The rate of progression for the progressive amount.
 - How the rate of progression is split between the various progressive components.
 - Other information deemed necessary and requested in writing by the board to ensure compliance with the Lawful Internet Gaming Act and related rules.
- All internet game source code(s).
- Binary images of all compiled code.

- Upon request, any special tool, computer equipment, compiling program, or other technical assistance necessary to compile the submitted software.
- Copies of U.S. and Canadian jurisdictional approvals for the submitted product, if applicable.
- Upon request, a representative prototype.
- Information on all remote/proxy live dealer games proposed for use. This information shall include all relevant written board approvals to conduct such games as required under R432.639b. Please provide the location of all gaming environments used to conduct such games, which must be located in the state of Michigan.
- Information on all internet gaming networks proposed for use pursuant to R432.639d. This information shall include all relevant written board approvals for one or more internet gaming operators to participate in the internet gaming network as set forth in a written agreement. Please include a copy of the written agreement that has been executed by each internet gaming operator. The written agreement must include all provisions required by the board.
- Information on all remote gaming systems proposed for use, including the location of and security over each remote gaming system. Please identify the platform provider or internet gaming supplier that will provide each remote gaming system.

All internet game software submissions are to be documented and submitted on separate software submission forms. Internet gaming platform submissions can include all platform software components on one form. All internet gaming platform software and critical components must be listed as individual line items on the software submission form. Individual hardware pieces may be submitted together on one hardware submission form if they are part of a kit or relate to the same submission or modification. If you need assistance in determining what forms you should use, contact the MGCB at (313) 456-4100.

- Internet Gaming Software Submission Form
- Internet Gaming Hardware Submission Form

All forms must be completed in their entirety, signed, and dated. Any items not applicable may be answered with N/A or left blank. Omissions may result in delayed processing or denial of the submission.

On all attachments, identify the specific section to which the attachment refers. Additional information or submissions may be requested by the MGCB Laboratory to complete the evaluation. Individual data fields on both the software and hardware submission forms are explained below.

INTERNET GAMING SOFTWARE SUBMISSION FORM	
Reference Request #	Licensee's internal reference or submission tracking number.
Licensee Name	Name of the licensee (company or entity) requesting approval.
Emergency Submission	Does this submission need immediate consideration for approval? If so, provide an explanation and justification for the emergency request on a separate attachment or cover letter.
New or Modified Submission	Is the submission for new platform or game software, or a modification of previously approved platform or game software?
Platform Name	Platform model name or number that the software or equipment will be utilized on.
Platform Version	Specific version or revision of the platform, if applicable.
Game Theme	The name or theme of the submitted game, if applicable.
Licensee ID #	ID number or name used to specifically identify the software as it will appear in the field.
Version	Specific version or revision of the software, if applicable.
Function	Functionality of the program or component.
Minimum Return to Player Percentage	Mathematically demonstrated minimum return to player percentage, calculated without using progressive increment rates.
Maximum Return to Player Percentage	Mathematically demonstrated maximum return to player percentage.
Optimal Return to Player Percentage	Mathematically demonstrated maximum return to player percentage expected for optimal bet and strategy, if applicable.
Maximum Odds	Mathematically demonstrated odds of hitting the award with the lowest probability of occurrence, normalized to 1.

Progressive Awards	Does the game have progressive capabilities, yes (always), no, or optional?
Skill-Based Features	Does the game utilize skill-based bonus games or features?
Group Play Features	Does this game have group play functionality, where the game plays a shared feature or bonus round with multiple authorized participants?
RNG Code	Does this program use a new or previously unapproved RNG implementation which was not previously approved under the Lawful Internet Gaming Act and related rules? Has the RNG code been modified in any way from the previously approved submission or implementation?
Detailed Description of Submission/Modification	Complete technical description of the software submission or modification to the previously submitted software and, if applicable, the reasons the modification(s) is being requested.
Agreement and Certification	Signature of the authorized licensee (company or entity) official accepting the agreement and certification terms. Licensee (company or entity) name must be included.
Date	Date of signature must be included to process the form.

INTERNET GAMING HARDWARE SUBMISSION FORM	
Reference Request #	Licensee's internal reference or submission tracking number.
Licensee Name	Name of the licensee (company or entity) requesting approval.
Emergency Submission	Does this submission need immediate consideration for approval? If so, provide an explanation and justification for the emergency request on a separate attachment or cover letter.
New or Modified Submission	Is the submission new or a modification of previously approved hardware?
Platform Name	Platform model name or number this hardware or equipment will be used on.
Licensee's Part #	Specific part number, model number, or name used by licensee to identify component.
Revision	Specific version or revision of the hardware, if applicable.
Function	Description / functionality of the specific component.
Detailed Description of Submission/Modification	Complete technical description of the submission or modification to the previously submitted hardware and, if applicable, the reasons the modification(s) is being requested.
Agreement and Certification	Signature of the authorized licensee (company or entity) official accepting the agreement and certification terms. Licensee (company or entity) name must be included.
Date	Date of signature must be included to process the form.