

REGULATORS
ROUNDTABLE
2025 PALMS LAS VEGAS

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ILLUMINATE • INFORM • INSPIRE

Slot IQ: What makes a slot machine a slot machine?

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Matthew Toler Manager, Technology Advisor

As a founding member and principal Instructor, Mr. Toler brings +24 years of gaming experience to every knowledge sharing event.

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Mark Robertson **Senior Gaming** **Technology** **Advisor**

Mark shares his 20
years experience in
GLI's engineering and
compliance
departments with GLI
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What is a Slot Machine?



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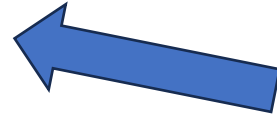
Liberty Bell (1895)

- Money input
- Game name
- Pay Glass
- Payline
- Initiate the game
- Collect winnings

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Mechanical “Bell” Slots

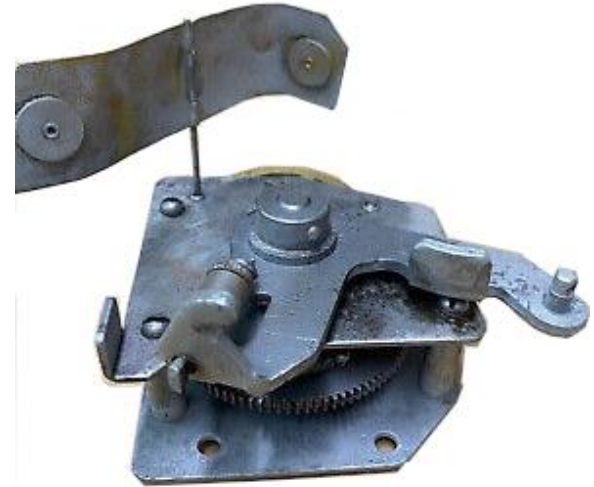


Handle Pull
Provides
Mechanical Energy
To Spin Reels



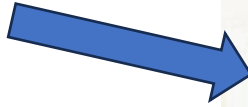
Mechanical “Bell” Slots

The blade at the top spins, dragging the reels to a stop. This is the source of randomness. The speed and timing is dependent on the air, friction, and other physical factors.



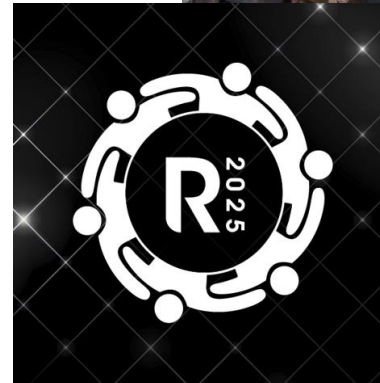
Mechanical “Bell” Slots

‘Fingers’ would press against a plate with slots corresponding to the symbols.



Electric Slots: Honey Money (1963)

- Money input
- Game name
- Pay Glass
- Payline
- Initiate the game
- Collect winnings



Video Slots (1976)

- Money input
- Game name
- Pay Glass
- Payline
- Initiate the game
- Collect winnings



EGM (A “Classic” Slot Machine)

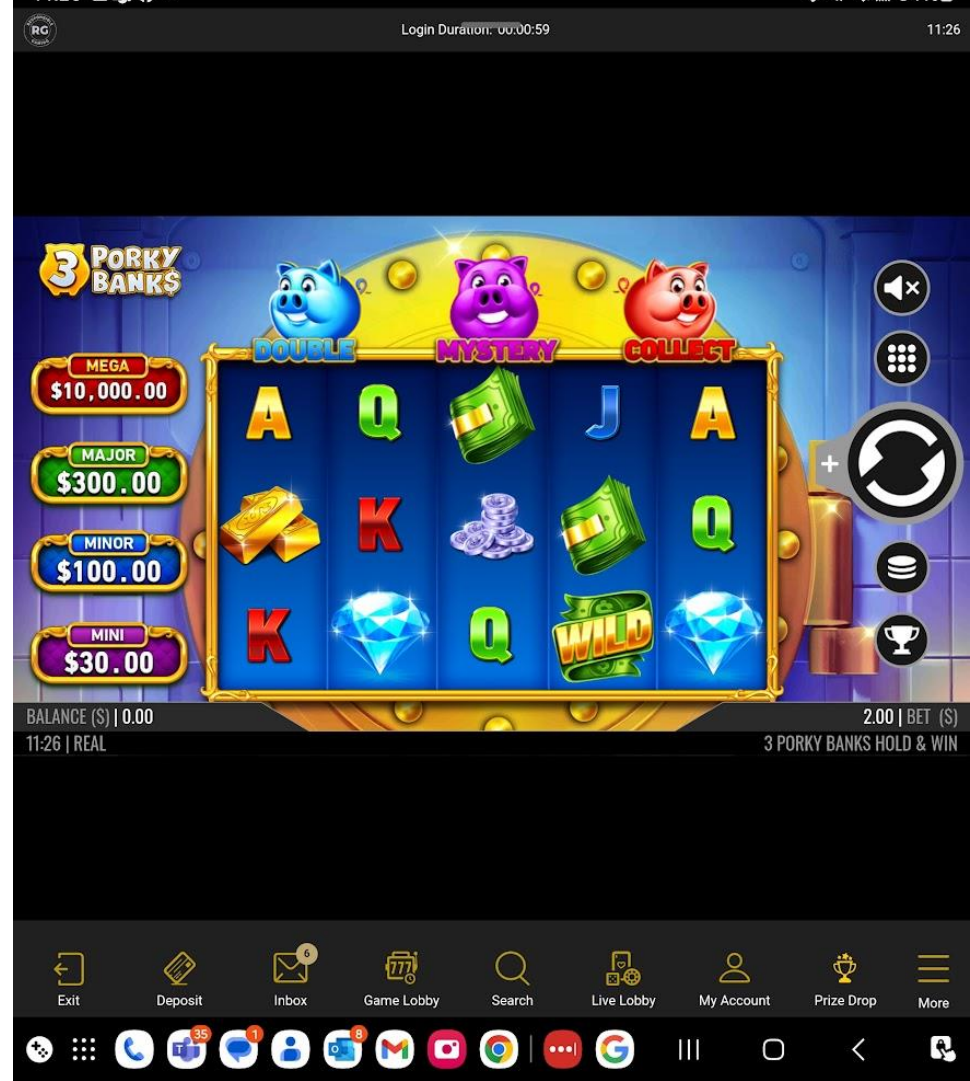
- ▶ Primary source of game outcome is reel strip stop positions ◀
- ▶ All logic for the game resides inside the cabinet ◀
- ▶ No minimum number of players to initiate play ◀
- ▶ Game play not contingent on system connectivity ◀



Typical Cabinet types

- Upright
- Bar Top
- Slant Top
- iGaming

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Other Cabinet types

- Oversized Cabinets
 - 'Slotzilla' is multi-story
 - 102' inch video displays
- Holographic, Virtual and Augmented Reality
- Archways

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Multi Station

- ► How many machines is it? ◀
- ► Shared RNG? ◀
- ► Synchronization? ◀
- ► Prize Pool Distribution? ◀
- ► Audits and Reports? ◀

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Reel Display Type: Stepper Machines

- ► Contain Physical Reels ◀
- ► Uses pay glass to display awards ◀
- ► Uses Codes and VFD displays for game information ◀

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Reel Display Type: Video Machine

- ► Has at least 1 monitor for display of game ◀
- ► Usually uses a Touch Screen ◀
- ► All game information is in video format ◀

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Exterior Anatomy of a Slot Machine

- Candle
- Pay glass / Belly Glass
- Reel Display
- Button Pannel



Exterior Anatomy of a Slot Machine

- Locks
 - Unique keys?
- ID tags
 - Serial number
 - Date of manufacture.
- Shiny or smooth services.

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Exterior Anatomy of a Slot Machine

- Pay Glass
 - Complete
 - Unambiguous
 - Not Misleading or Unfair
- A 'contract' with the player

1ST COIN WINNERS		2ND COIN WINNERS	
3 JOKERS	800	3 JOKERS	1600
3 7s	200	3 7s	400
3 BARs	40	3 BARs	80
3 7s and 3 BARs	20	3 7s and 3 BARs	40
3 BARs and 3 7s	10	3 BARs and 3 7s	20
3 BARs and 3 7s	5	3 BARs and 3 7s	10
ANY ONE JOKED	2	ANY ONE JOKED	4

© 1994 SIGMA GAME, INC. ONLY HIGHEST WINNER PAID IN COINS



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Exterior Anatomy of a Slot Machine

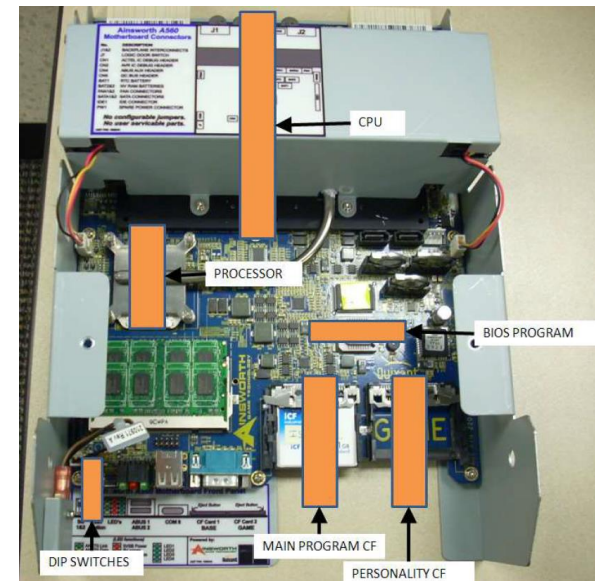
- Video Screens
- Touch Screens
 - Accuracy
 - Calibration
- Button panel / button deck
- Bill Acceptor opening
- Printer output.



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Interior Anatomy of a Slot Machine

- Logic Box
 - Processor
 - Storage Media
 - RAM
 - Non-volatile Memory
 - Graphics card

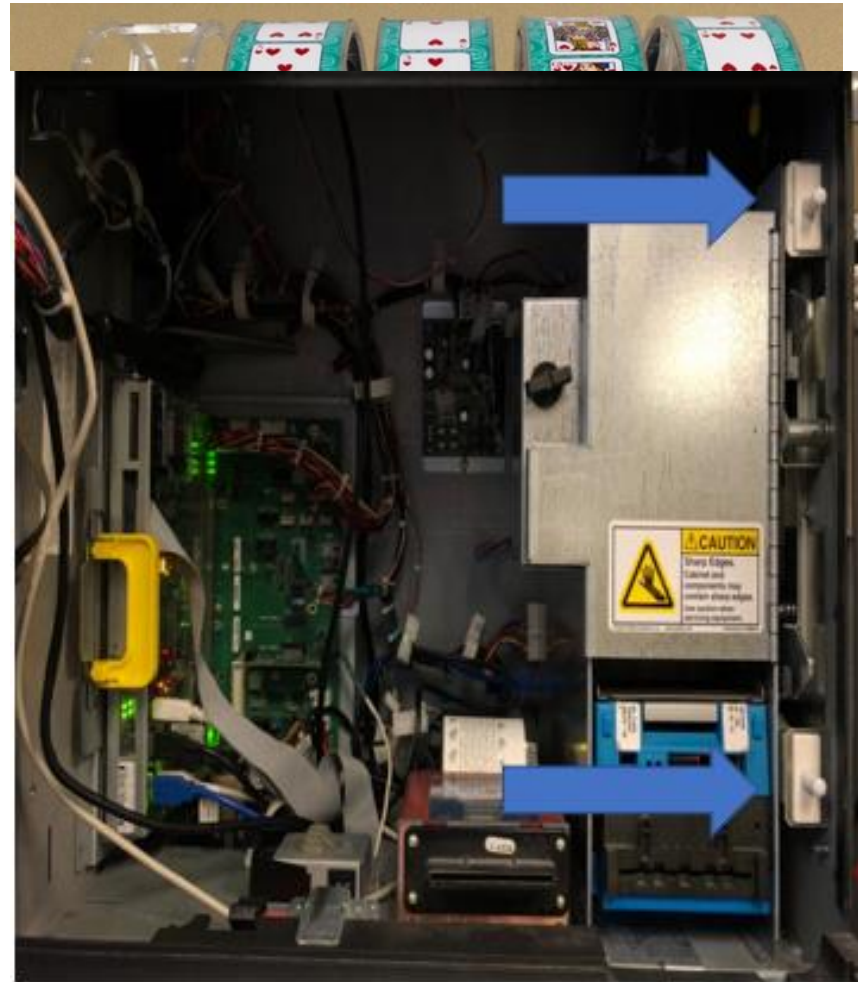


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Interior Anatomy of a Slot Machine

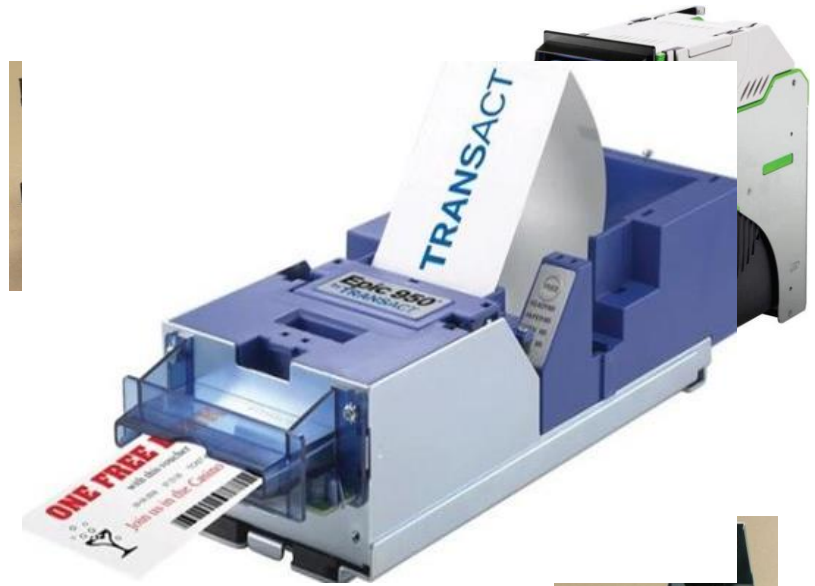
- Mechanical Reel Enclosures
 - Reel Graphics are on plastic sheets
 - Order matters!!!
- Power Supplies
- Door Switches
 - Physical
 - Optical

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Interior Anatomy of a Slot Machine

- Bill Acceptor / Drop Box
 - Head
 - Transport
 - Stacker / Dropbox
- Printer



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Is it a Slot Machine?

- Video Poker?
- Video Keno?
- Electronic Table Games
 - Does a deal present change it?



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“Slot” Adjacent Machines

- ► Bingo aids (Class II) ◀
- ► Historical Horse Racing (HHR) ◀
- ► Video Lottery Terminals (VLT) ◀
- ► Electronic Pull Tab Machine ◀
- ► Electronic Scratch Ticket Terminal ◀
- ► “Skill” Based Amusement Machines ◀

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“Slot” Adjacent Machines

- ▶ Bingo aids (Class II) ◀



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“Slot” Adjacent Machines

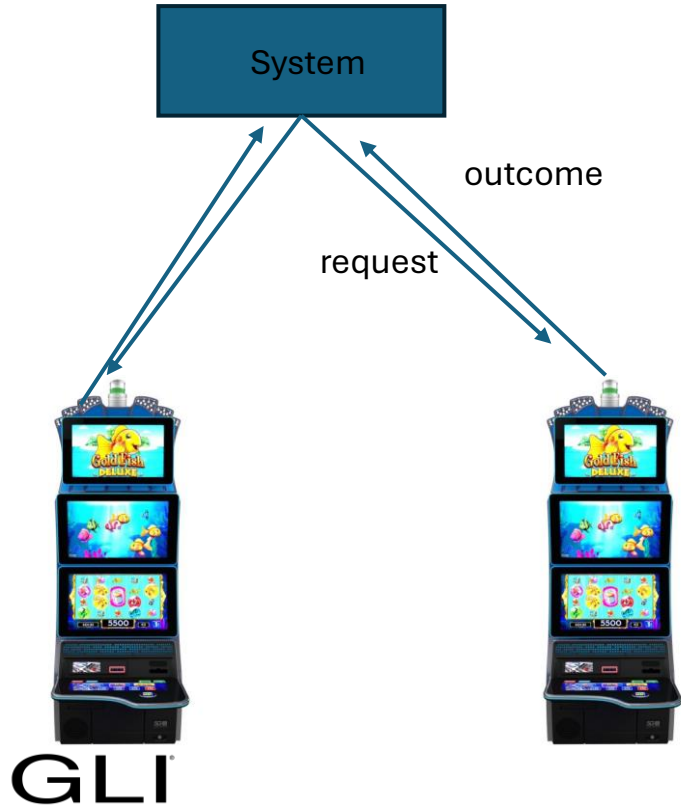
- ▶ Historical Horse Racing (HHR) ◀



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“Slot” Adjacent Machines

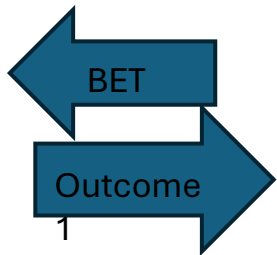
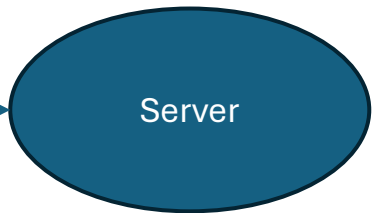
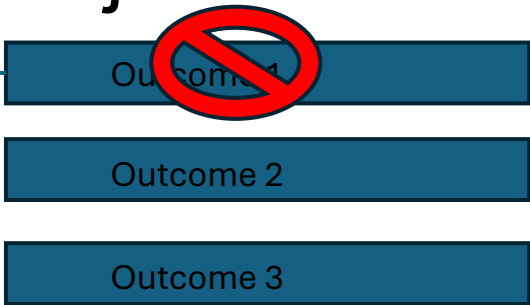


- ► Video Lottery Terminals (VLT)* ◀
- * System based RNGs

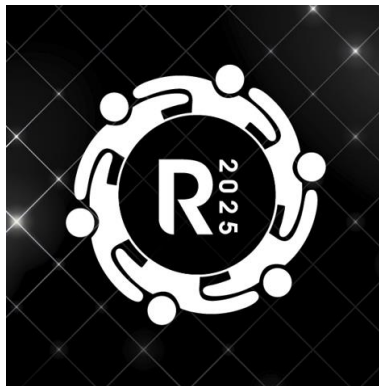


“Slot” Adjacent Machines

- ▶ Electronic Scratch Ticket Terminal ◀



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“Slot” Adjacent Machines

- ▶ Electronic Pull Tab Machine ◀



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“Slot” Adjacent Machines

- ▶ “Skill” Based Amusement Machines ◀



“Slot” Adjacent Machines: Fish Games



“Slot” Adjacent Machines: Fish Games



“Slot” Adjacent Machines: Crash Games

The image shows a live-streamed interface for a "Crash Game". In the top-left corner, there is a small inset video of a male host in a suit. The main background is a 3D-rendered highway with a police car and a green truck. The game's progress is shown by a multiplier that starts at 1.00x and increases as the multiplier bar fills. The current multiplier is 0.93x, and the next multiplier is 1.07x. The game is in Round 4, with a timer of 04.39. A chat box in the top-right corner says "Type here to chat". A "Max Profit" section on the right shows a multiplier of 81.00x. The bottom of the screen features a "BREAKING NEWS" banner with the QNN LIVE logo. Below this is a table of multipliers and a "CRASH!!" button. The bottom right corner has a "BUSTED OR BAILED" button.

ROUND 4
Type here to chat

★★ 04.39 ★★

8
PLACE YOUR BETS

1.07x
0.93x

QNN LIVE
BREAKING NEWS

1	2	3	4	5	6	7	8	9	10
1.45x	1.66x	3.41x	1.48x	10x	1.71x	1.63x	10x		

BUSTED CRASH!! BAILED

BUSTED OR BAILED



**PLEASE TAKE THE
SURVEY ON YOUR
MOBILE APP**



Available on the
App Store



GET IT ON
Google Play



THANK YOU

#RRT25

