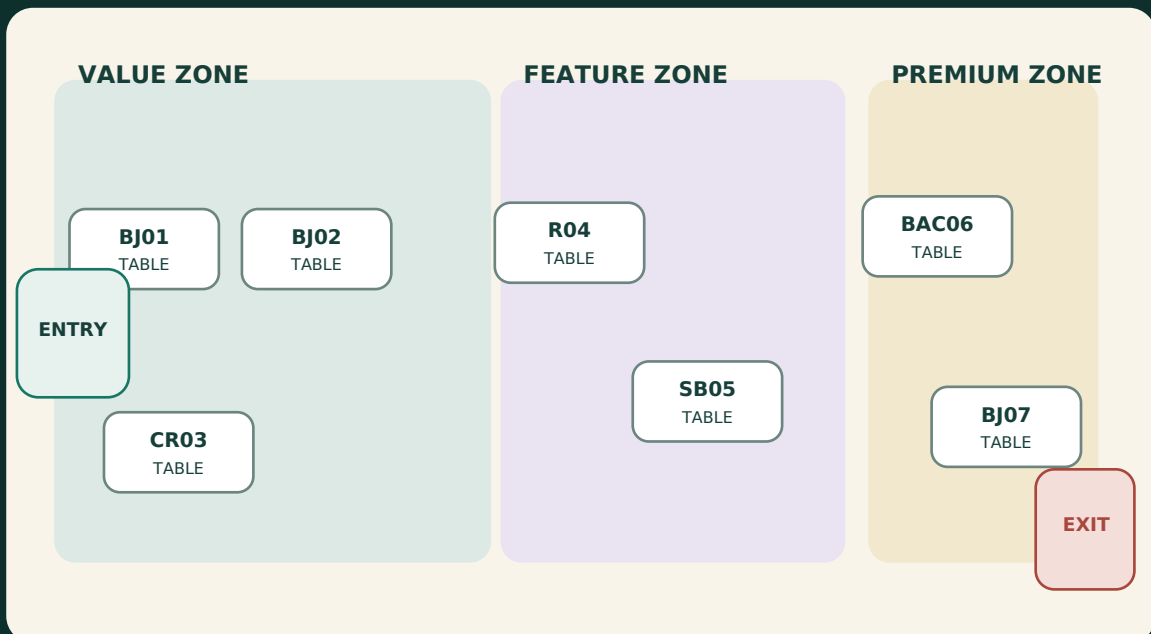


Casino Pit Optimization Heat Map

Casino table layout, heatmap and scenario planning for stronger management decisions.



Turn Pit Layout Decisions Into Visible Management Evidence

Casino Pit Optimization Heat Map brings floor plans, operational judgment, table performance and scenario review into one clear management workflow.

THE AIM

Help casino leadership understand how table placement interacts with traffic, privacy, noise, supervision, spacing and commercial performance - before a costly physical change is made.

See the Whole Pit

Bring the floor plan, tables, zones, operational influences and performance context into one visual workspace.

Challenge Layout Assumptions

Make proposed changes visible so managers can question them, compare alternatives and record the reasons behind a decision.

Connect Layout to Performance

Review table-level activity alongside placement conditions instead of discussing layout and results in separate meetings.

Create a Repeatable Process

Preserve versions, scenarios, recommendations, owners, reviews and management reports for future learning.

The application supports experienced casino management. It does not automatically move tables, approve layouts or promise revenue improvement.

One Operational Picture, Different Management Needs

The same layout decision affects commercial performance, game protection, staffing, guest movement and daily pit control. The app gives each stakeholder a structured view of the same decision.

Owners and General Managers See the business case, major risks, scenario difference and management recommendation without working through multiple disconnected files.	Table Games Leaders Build and compare layouts, review table economics, challenge operational fit and preserve the final management decision.
Pit Managers Bring practical floor realities into the review: dealer access, supervision routes, guest clearance, table spacing and shift observations.	Analysts Connect table performance with layout conditions, validate data, prepare comparisons and turn findings into clear evidence.
Reviewers Examine warnings, recommendations, assumptions and scenario differences before accepting, rejecting or requesting revision.	Executive Reporting Teams Create concise management summaries supported by table detail, warnings, actions and evidence references.

SHARED VIEW 1 workspace	DECISION PATH Visible	FINAL AUTHORITY Management
--	--	---

From Floor Plan to Management Decision

The application turns a layout idea into a traceable operational review - with a clear beginning, a controlled comparison and an accountable conclusion.

- 1 Build the floor** Upload or select a floor plan, calibrate scale and establish zones.
- 2 Place the operation** Add tables and operational markers for traffic, privacy, noise and supervision.
- 3 Connect performance** Enter or import table activity, occupancy, bet, drop, win and operating context.
- 4 Analyze the layout** Review heatmaps, fit scores, spacing warnings and plain-language recommendations.
- 5 Test alternatives** Create baseline and proposed layouts, move or swap tables and compare outcomes.
- 6 Record the decision** Assign owners, due dates, reviews and the final management decision.
- 7 Report and learn** Generate executive evidence, follow results over time and improve future decisions.

A stronger management conversation

Instead of asking only, 'Where should this table go?' management can ask: What operational influences surround it? How does it perform? What changes under the proposed layout? What risks remain? Who owns the follow-up?

Build the Pit the Way Management Sees It

Work directly on a casino floor-plan image. Place, move, rotate, resize and duplicate table objects while preserving the operational context around them.

ILLUSTRATIVE MAIN PIT LAYOUT

The diagram illustrates a casino floor plan layout divided into three main sections: VALUE BANK (light green), CENTRAL RING (light blue), and PREMIUM BANK (light purple). Each section contains specific game tables: VALUE BANK has BJ01 Blackjack, BJ02 Blackjack, and CR03 Craps; CENTRAL RING has R04 Roulette and SB05 Sic Bo; PREMIUM BANK has BAC06 Baccarat and BJ07 Blackjack. Additional markers include an ENTRY point on the left, a CAGE on the top right, and an EXIT point on the bottom right.

Flexible Table Objects

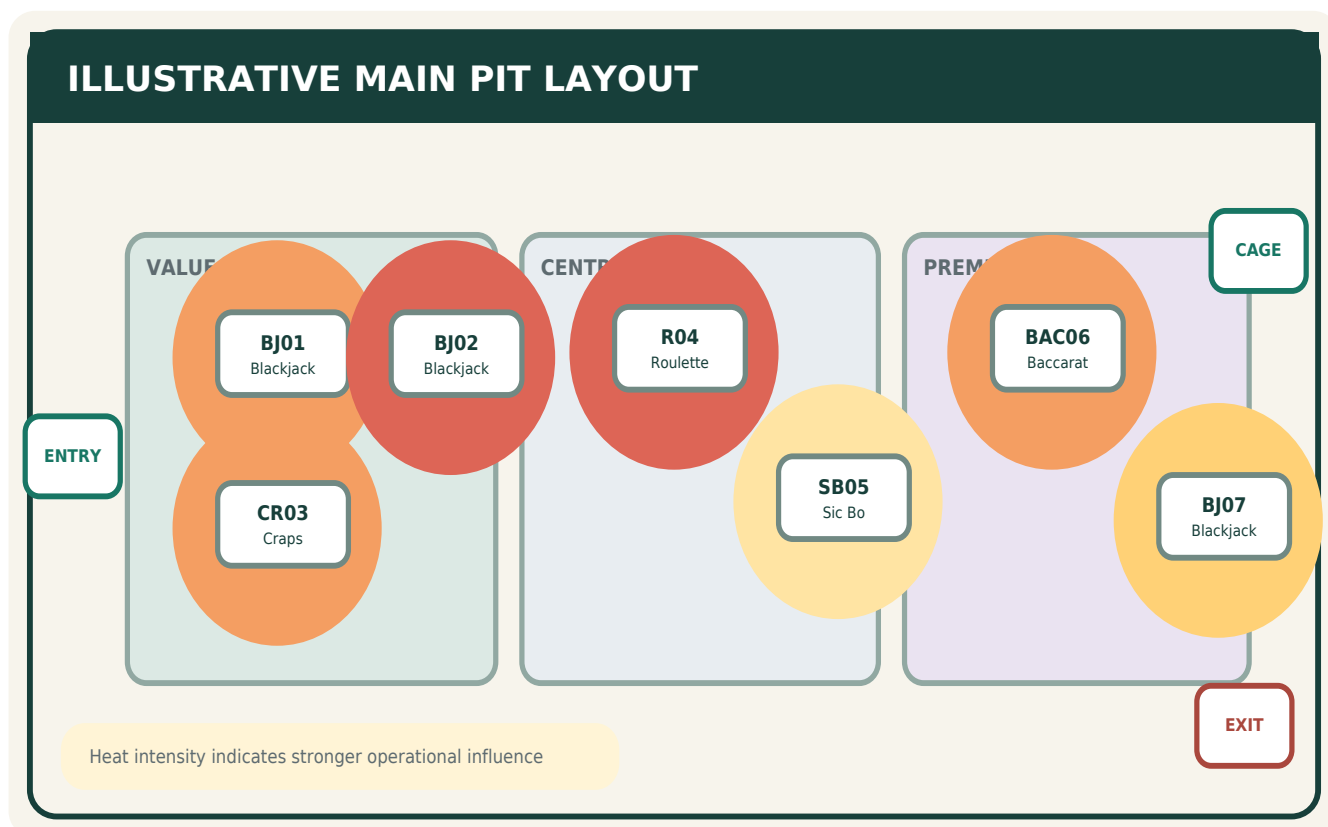
Plan Blackjack, Baccarat, Roulette, Craps, Poker, Sic Bo, Caribbean Stud and Ultimate Texas Hold'em layouts. Record limits, average bet, occupancy, operating hours, zone and notes.

Floor-Aware Markers

Show entrances, walkways, privacy areas, noise sources, cash desk direction, supervisor stations, service flow, dealer access and other local influences.

See the Invisible Pressures Around Every Table

Heatmaps translate operational influences into a visual layer that management can discuss. They reveal where a table may benefit from traffic or privacy - and where noise, spacing or supervision may require attention.



Traffic Review proximity to entrances, aisles, busy routes and destination points that may influence visibility and guest movement.	Privacy Assess whether premium and VIP games receive the separation and discretion expected by the property and player segment.
Noise Identify tables exposed to entertainment, bars, slot banks, service activity or other disruptive influences.	Supervision Review sightlines, supervisor reach, dealer access and the practical ability to control the floor.

Connect Physical Placement With Table Performance

A layout discussion becomes more valuable when it includes what the tables are actually doing. The app brings commercial and operational measures into the same review.

ACTIVITY	PLAYER VALUE	VOLUME	RESULT
Occupancy	Avg. bet	Drop / handle	Win / hold

Table-Level Detail

Review individual game performance, player focus, table speed, operating period and management notes instead of relying only on pit totals.

Performance Periods

Compare defined reporting periods and shifts so the review reflects the right operating context.

Data Quality Visibility

See accepted rows, warnings, rejected entries, missing tables and reconciliation differences before using the information in a decision.

Explainable Scores

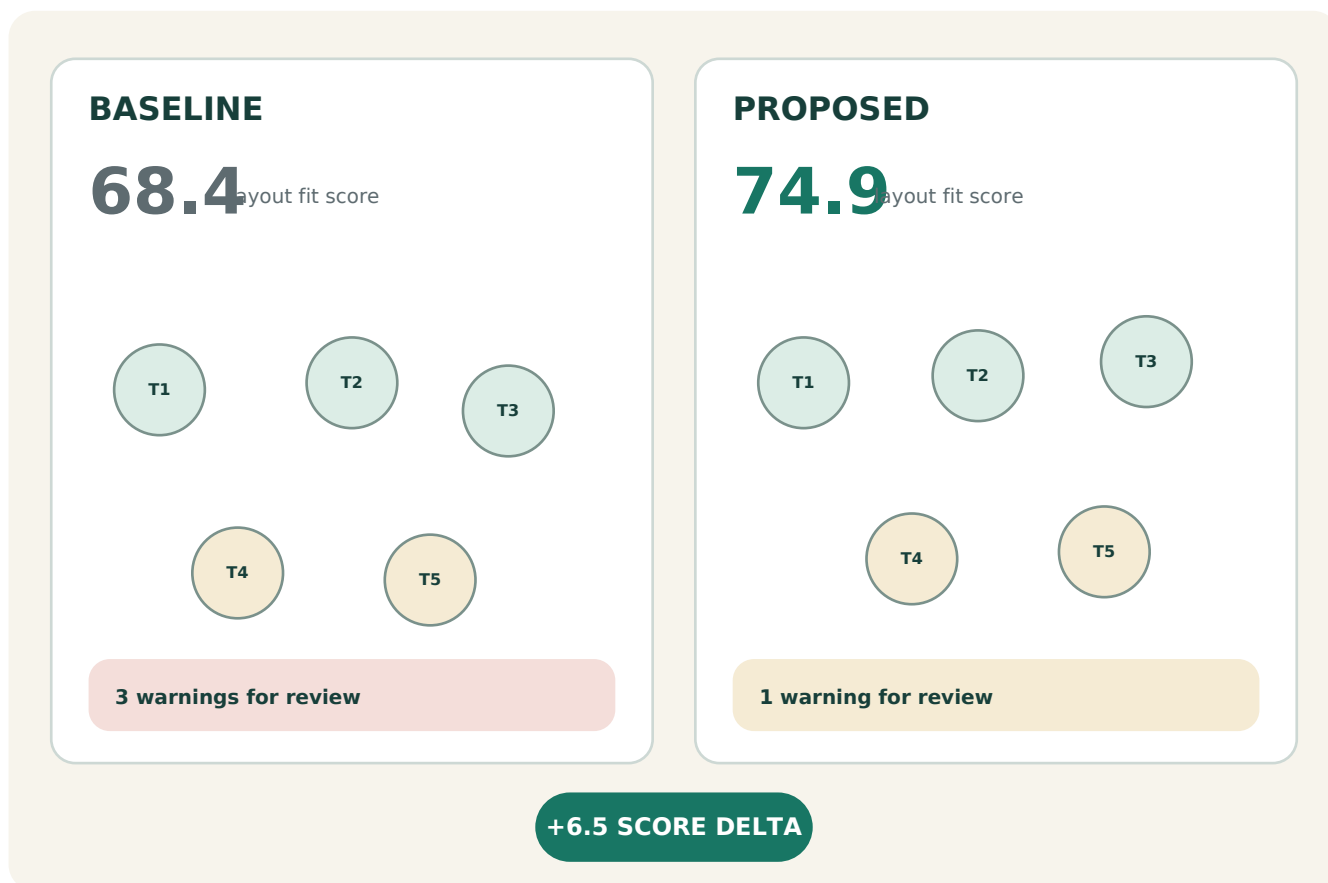
Understand the components behind table and layout scores, including fit, traffic, privacy, supervision and risk.

Management value

The app does not treat a strong win result as proof that a location is best. It helps management examine performance together with floor conditions, timing, game mix and other operational factors.

Compare Before You Move the Floor

Save the current design as a baseline, create alternatives and compare how the layout responds. Managers can test a table move, swap or zone change without treating the first idea as the final answer.



Versioned Alternatives

Keep the baseline and each proposal separate so the team always knows which layout is being discussed.

Side-by-Side Evidence

Compare scores, warnings, recommendations, table positions and performance context in one management view.

Human Approval

Record approve, reject or revise decisions with management notes. A new scenario requires a fresh review.

Suggested Swap for Review

Use the app to surface a possible swap, then let experienced managers judge whether it makes operational sense.

Turn Findings Into Managed Action

The application does more than produce a score. It identifies practical issues, converts them into clear recommendations and keeps ownership visible through follow-up.

PRIORITY	MANAGEMENT ISSUE	FOLLOW-UP
High	Tables overlap or leave insufficient guest clearance.	Review chairs, dealer access, supervisor movement and emergency paths.
High	A premium table is exposed to a high-noise or high-traffic influence.	Test a move, privacy buffer or different game placement.
Medium	Supervisor reach or dealer access is weak in one zone.	Review routes, station position and staffing reality before approval.
Medium	A table is underperforming despite strong visibility.	Challenge game mix, limits, opening hours and player demand before moving it.

Assign an Owner

Give every accepted recommendation a responsible person and target date.

Track the Status

Keep proposed, accepted, rejected, completed and verified actions visible.

Require Review

Separate the recommendation from the management decision and the later verification.

Preserve the Reason

Record why the action was accepted, changed or declined so future teams can learn.

Move From Forecast to Evidence

The workflow can continue after a layout decision. Management can define a review period, record daily or shift observations and compare what was expected with what actually happened.

BEFORE THE CHANGE	DURING THE REVIEW	AFTER THE PERIOD
Define baseline dates, KPIs, minimum observation days, responsibilities and stop conditions.	Capture table results, occupancy, shift context, operational observations and source references.	Compare baseline and review periods, record limitations and decide what should happen next.

A better result does not automatically mean the layout caused the improvement.

Record Confounders Note game mix, limits, staffing, promotions, events, seasonality, player concentration and unusual operating conditions.	Compare Honestly Use descriptive differences to support a management conclusion without overstating certainty.
Protect Future Learning Keep the original baseline, proposal, observations and decision available for later review.	Decide the Next Step Continue, revise, reverse or run another bounded review based on management judgment.

Put the Decision Story Into One Executive Report

Generate clear outputs that combine the selected layout, KPI summary, table-level scores, warnings, recommendations, ownership and management notes.

EXECUTIVE MANAGEMENT REVIEWSelected layout and scenario

OVERALL SCORE
74.9

AVERAGE RISK
8.4

OCCUPANCY
61.8%

WARNINGS
3

Table score and performance detail

Table	Fit	Traffic	Privacy	Supervision	Occupancy
Blackjack 1	78	82	46	73	74%
Baccarat 2	81	59	92	76	56%
Roulette 3	71	76	61	68	64%
Craps 4	69	63	58	84	68%
Poker 5	75	54	79	71	59%

Exceptions and warnings

HIGH Review guest clearance, dealer access and supervisor movement before trial.

Recommendations and accountability

Resolve spacing before approved floor changeOwner: Pit ManagerStatus: Review

Illustrative executive report detail: table scores, performance, warnings, recommendations and accountability.

EXECUTIVE	ANALYSIS	SHARING	VISUAL
PDF	Excel / CSV	HTML	PNG

Faster Explanations, Management Still in Control

AI Help can support understanding and communication when management chooses to use it. It sits behind the operational evidence - not above it.

Explain a Score Translate score components, warnings and scenario differences into plain management language.	Summarize a Comparison Condense the major differences between baseline and proposed layouts for a review meeting.
Draft Review Notes Help prepare a concise narrative, action list or questions for further investigation.	Suggest Questions Prompt managers to consider staffing, game protection, guest flow, limits, operating hours and other missing context.

AI CAN SUPPORT	MANAGEMENT RETAINS
Explanation, summarization, drafting and possible options for review.	The authoritative score, the physical move, the approval, the final report and every operational decision.

The system does not run the casino. It helps experienced managers see more clearly, compare more consistently and explain decisions more confidently.

What the Application Brings Together

A focused toolkit for table-games floor planning, operational analysis, scenario review and management reporting.

CAPABILITY	WHAT MANAGEMENT CAN DO	WHY IT MATTERS
Floor planning	Create and revise table layouts on the actual floor-plan image.	Turns layout discussion into something visible and reviewable.
Operational markers	Model entrances, walkways, service routes, privacy, noise, cash desk and supervision points.	Connects table placement with how the pit really works.
Heatmaps	View traffic, privacy, noise and supervision influences by area and table.	Reveals conditions that a spreadsheet cannot show.
Performance	Review occupancy, average bet, drop or handle, win, game speed and table history.	Links physical layout with commercial and operational evidence.
Scenarios	Compare saved baseline and proposed layouts before making a change.	Supports structured challenge and clearer approval.
Warnings	Identify spacing, guest movement, dealer access, walkway and route concerns.	Brings practical floor risks into the decision.
Follow-up	Assign actions, owners, due dates, reviews and verification status.	Keeps recommendations from disappearing after the meeting.
Reports	Produce executive summaries, detailed evidence and management exports.	Creates one management story from layout, data and decisions.
AI Help	Explain results, summarize differences and draft notes when management chooses.	Saves review time without handing authority to AI.

Focused by design

Casino Pit Optimization Heat Map is built around pit layout and scenario decisions. It supports the operational judgment of casino leadership rather than trying to replace player tracking, accounting, staffing or surveillance systems.

Better Pit Decisions Start With a Better View

Casino Pit Optimization Heat Map gives leadership a disciplined way to see the floor, challenge assumptions, compare alternatives and preserve the reasoning behind every layout decision.

SEE THE FLOOR.

UNDERSTAND THE PRESSURES.

COMPARE THE OPTIONS.

KEEP MANAGEMENT IN CONTROL.

More Confident Reviews

Use one structured picture of layout, operations and performance to support faster, better-informed meetings.

More Accountable Decisions

Know which scenario was reviewed, why it was accepted and who owns the next action.

More Useful Evidence

Turn table-level results, warnings and observations into a management story that can be revisited.

More Operational Learning

Compare expectations with actual results and apply the lessons to future pit decisions.

CASINOOPSAI

Practical AI-supported tools for real casino operations. Human authority remains central. Every recommendation requires management judgment and casino validation.