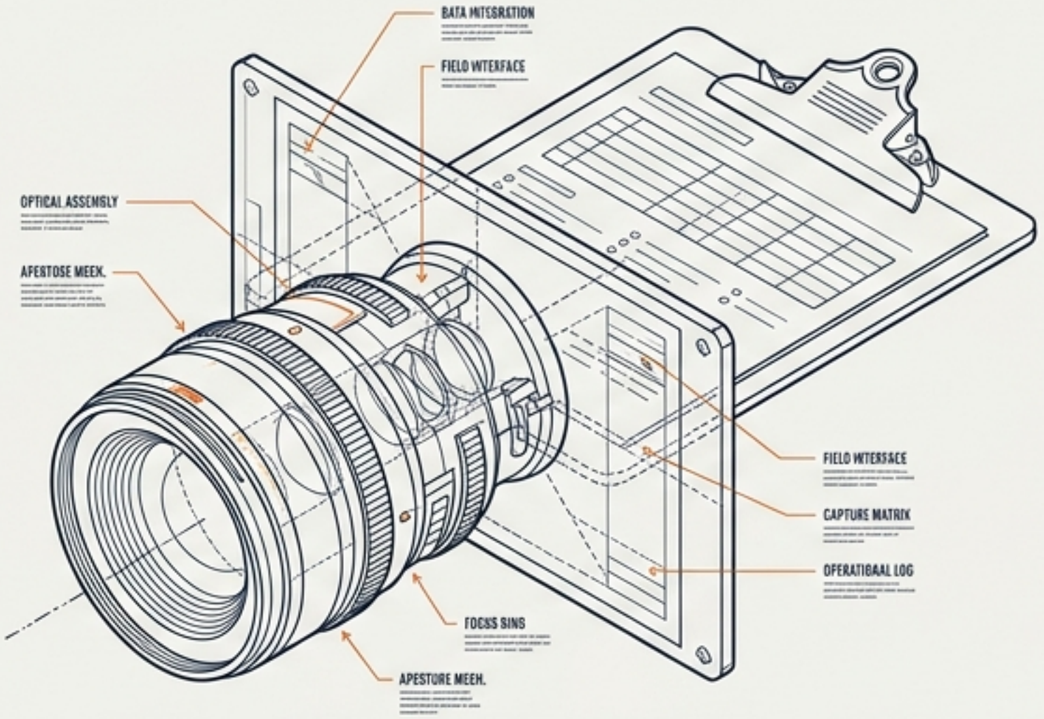



MODULE 05

# MODULE 05 FIELD ARCHITECTURE

## Executing the 120-Day Market Launch Pipeline

Gemini Notebook

# THE TACTICAL PIPELINE

## PREPARE




### PREPARE

**The Prerequisites**
Establishing the contract-first access gate and the 50% net revenue model.

## PROTECT




### PROTECT

**Gear & Roster**
Kit assembly, redundant backups, and the absolute safeguarding of parent consent.

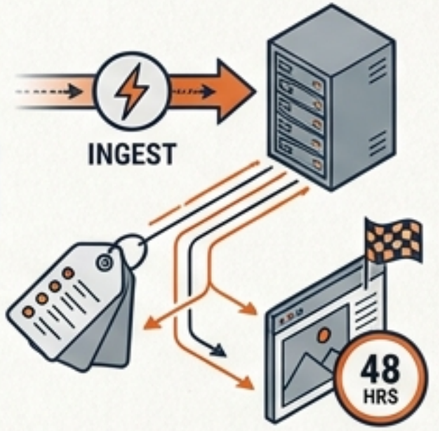
## CAPTURE




### CAPTURE

**Field Architecture**
The 90-minute spatial blueprint and strict station workflows for teams and individuals.

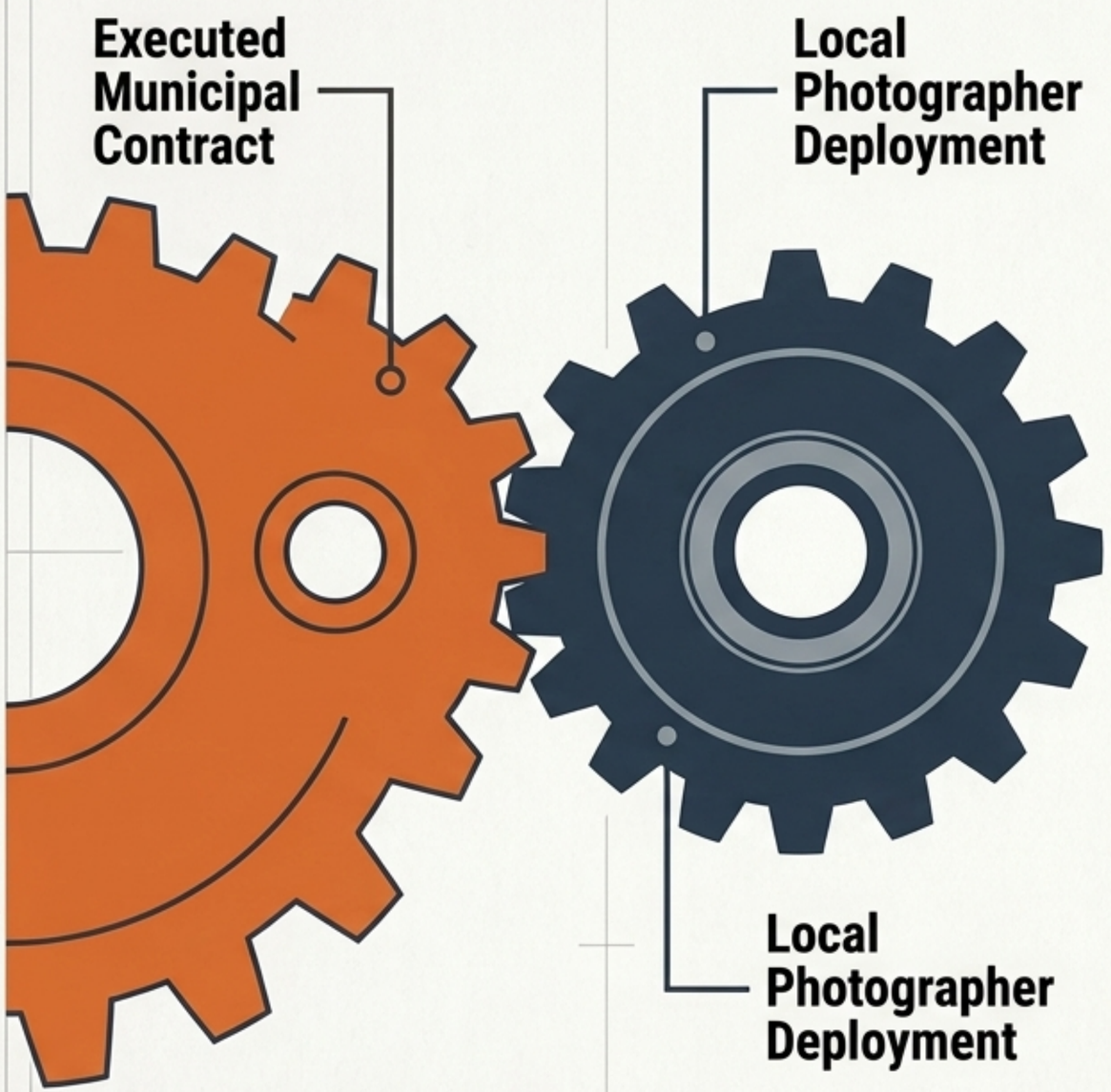
## DELIVER




### DELIVER

**The 48-Hour SLA**
The high-speed ingestion, synthetic tagging, and final gallery publication race.

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# The Access Gate: Contract-First Execution

## The Exclusivity Lock

Do not confuse a league agreement with a venue contract. Exclusivity is negotiated, never assumed.

## The Deployment Sequence

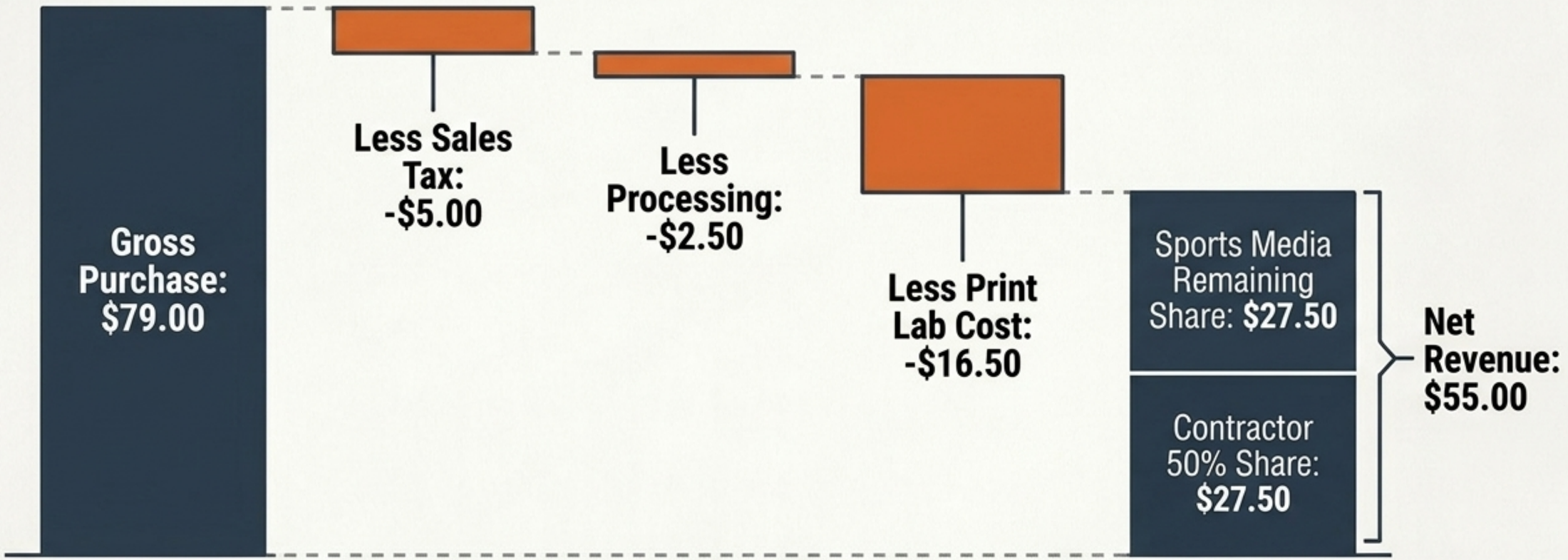
Local photographers are recruited, checked, and deployed only after actual authority and written photography access are granted by the Parks & Recreation department or authorized vendor.

## Zero Unsupervised Access

Independent field authority is earned via strict stage gates. No league or child photo day occurs without verified venue authorization.

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# The 50% Net Revenue Payout Formula




**DIRECTIVE:** This precise net revenue model completely supersedes the legacy 10% commission structure. Independent contractor status requires mandatory legal review in every jurisdiction before deployment.

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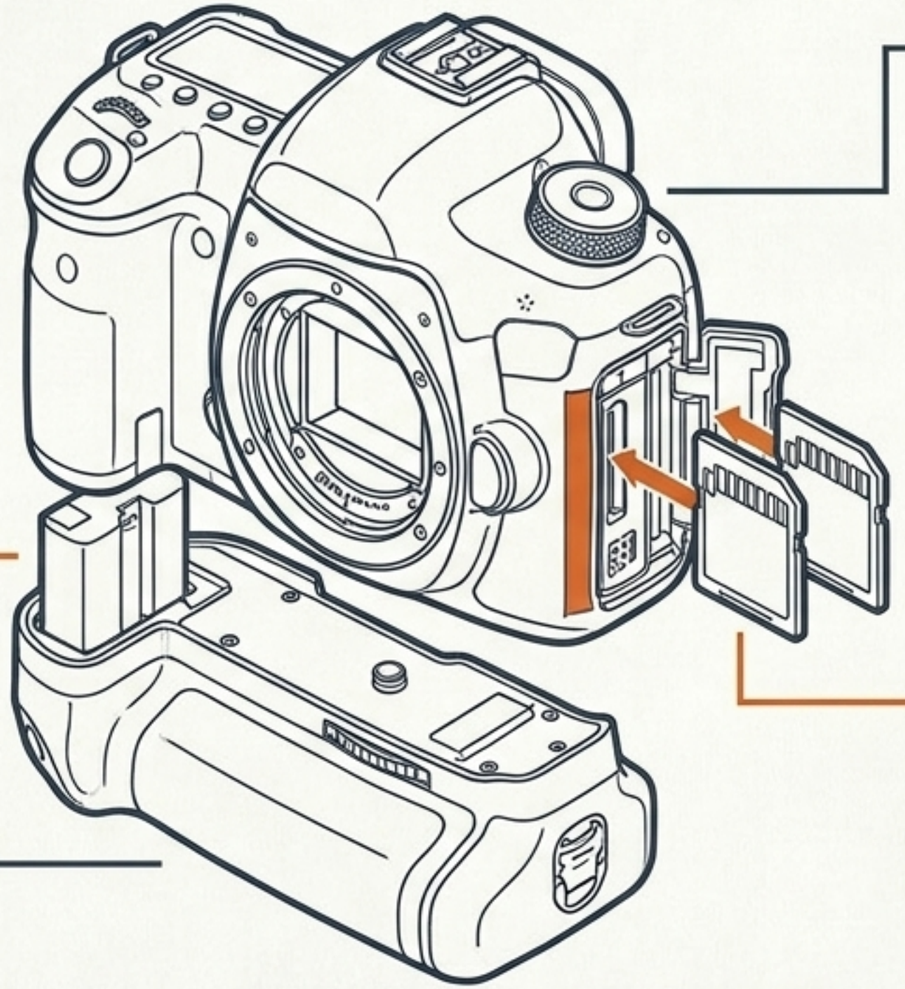
# The Hardware Fortress: Kit & Backup Standards

## Power Redundancy

Minimum dual spare batteries, fully charged before T-90 arrival.

## Capture Integrity

Calibrated exposure triangle settings, white balance, and autofocus checks. Safe posing setups requiring neutral, wrinkle-free backdrops.



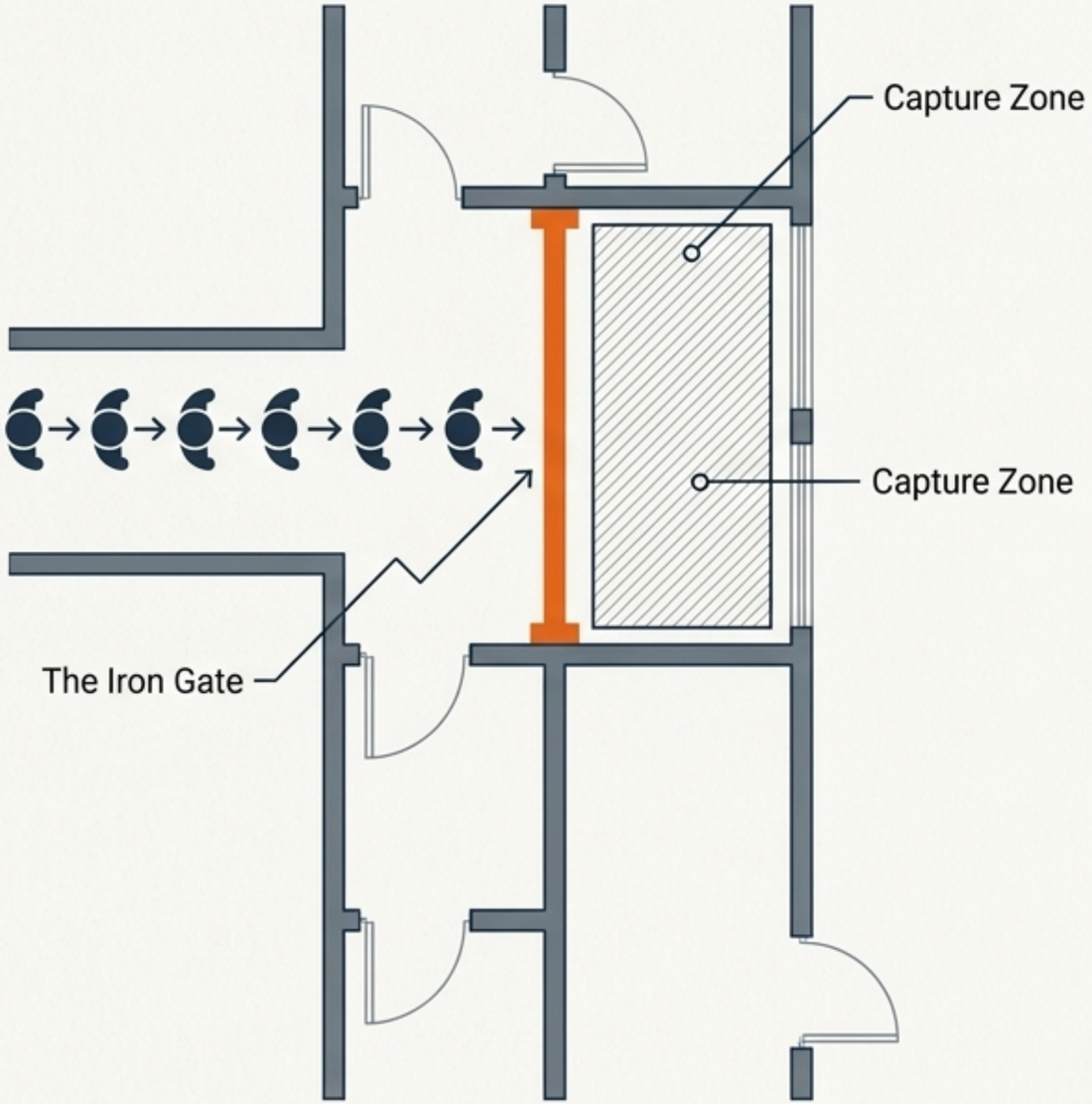
## Storage Redundancy

Two verified data copies must exist before clearing any media card. Retain the original secure backup and work strictly from a working copy.

## Failure Protocol

If severe weather or equipment failure compromises safety or data integrity, suspend capture immediately and escalate to operations.

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# The Iron Gate: Guardian Consent Verification

## 1. Consent Check-in

No player enters a photography station until their parental permission and child assent are verified against the official roster.

## 2. Opt-Out Enforcement

Actively identify and respect opt-outs and no-photo lists.

## 3. The Supervision Mandate

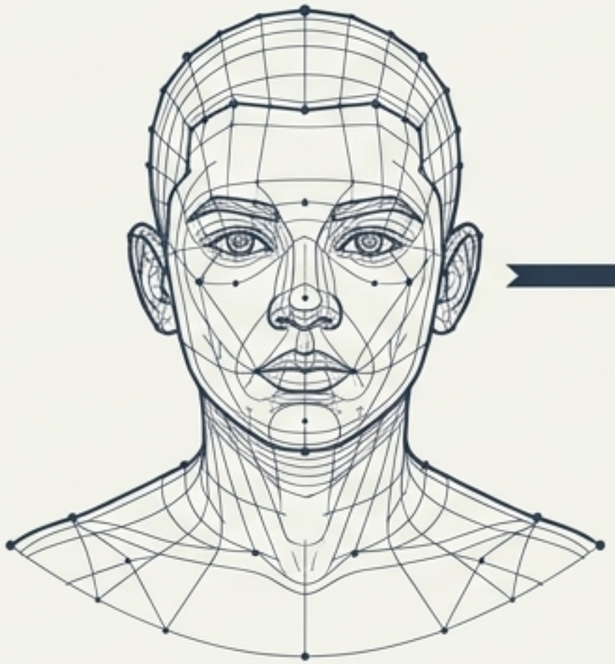
A coach or league liaison must remain present at all times. No adult photographer is ever permitted to be alone with a child.

## 4. Escalation

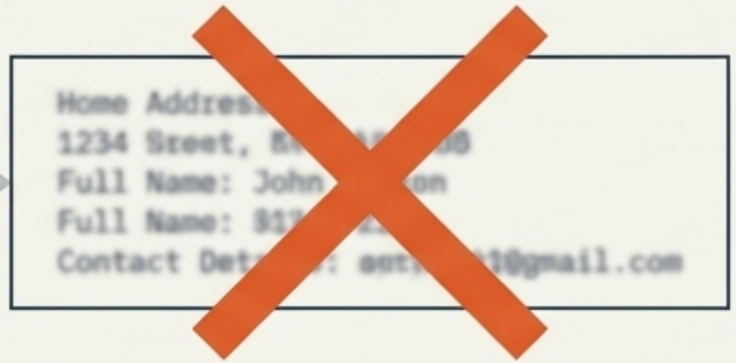
Missing league authorization or parental permission requires an immediate hard stop.

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# Digital Safeguarding: Synthetic Athlete Mapping



ATH-001




## Zero PII Exposure

Protect child names, roster information, and parent contact details. Never expose official identification slips in parent galleries.

## The Synthetic Token

Map images exclusively to non-public athlete IDs (e.g., ATH-001), Team IDs, and Job (YEAR_STATE_CITY_LEAGUE_SPORT_DATE).

## Facial AI Restrictions

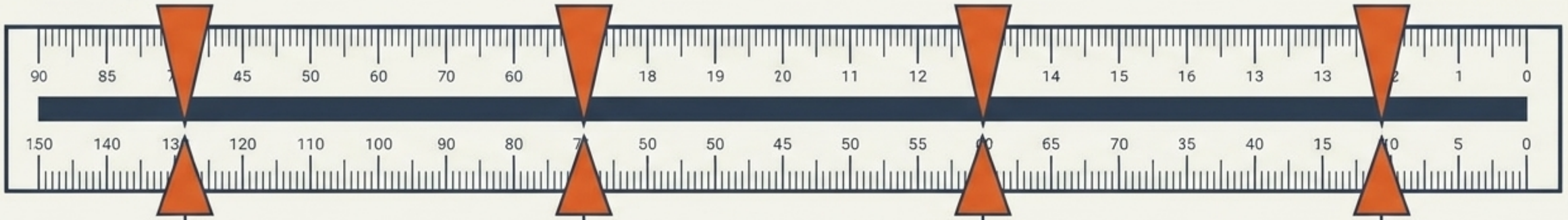
Biometric facial recognition is never the sole identification authority. Requires 100% manual human verification before gallery release.

## The Zero-Defect Rule

A single misidentified athlete or unauthorized image exposure completely blocks publication.

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# The 90-Minute Mobilization Timeline



## T-90 to T-60 (Secure the Site)

Arrive, identify emergency exits, safety-walk the venue, secure cable paths, and verify the opt-out roster.

## T-60 to T-30 (Technical Lock)

Test exposure, focus, white balance, and backdrop. Verify spare media/batteries and conduct a test upload.

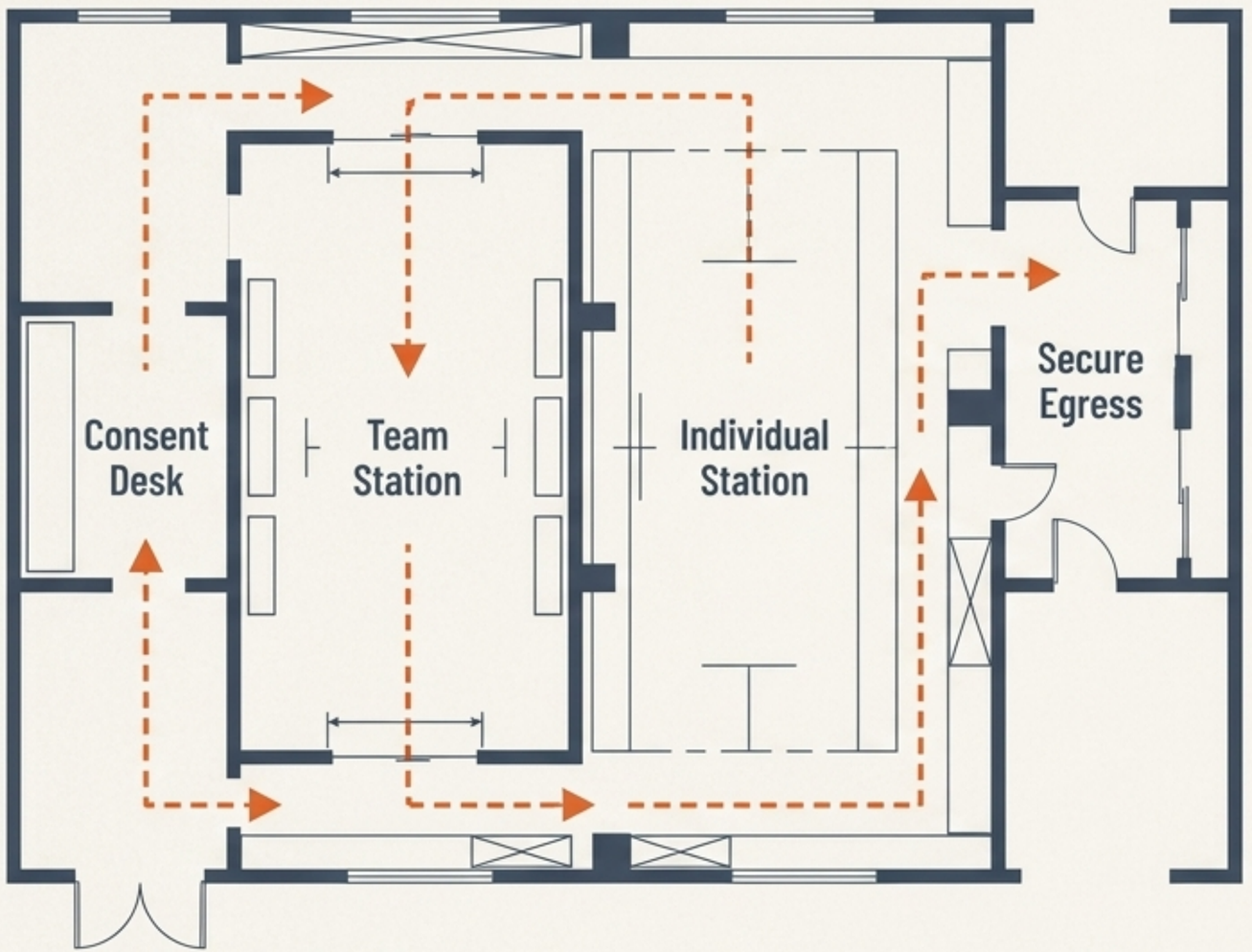
## T-30 to T-10 (Staff Sync)

Brief coaches and staff. Establish the color-coded queue tokens and escalation contacts.

## T-10 to T-0 (The Iron Gate)

Receive the first team block. The consent-verifier physically checks the roster and locks the group order.

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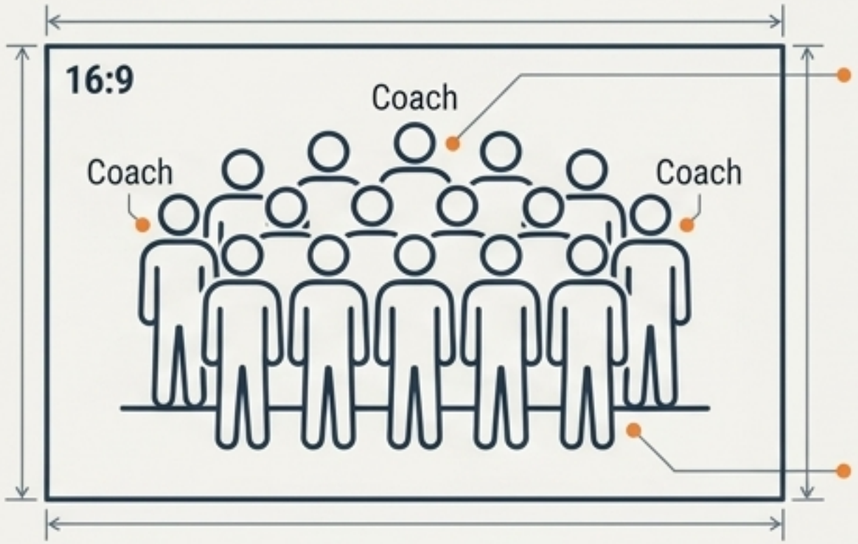

# Spatial Blueprint: The Photo Day Floor Plan

- **Zone 1: Queue & Consent**
  Verified check-in against the official league roster.
- **Zone 2: Team Setup**
  Sized for 10-15 players plus coaches.
- **Zone 3: Individual Setup**
  Marked foot positions strictly 4-6 feet ahead of the backdrop.
- **Pacing Metrics**
  Allocate exactly 12-20 minutes per 15-player team (with 2 working stations). 18 teams require approximately 6 hours of continuous operation.
- **Safety Imperative**
  Secure all cable paths; ensure direct lines of sight to coaches at all times.

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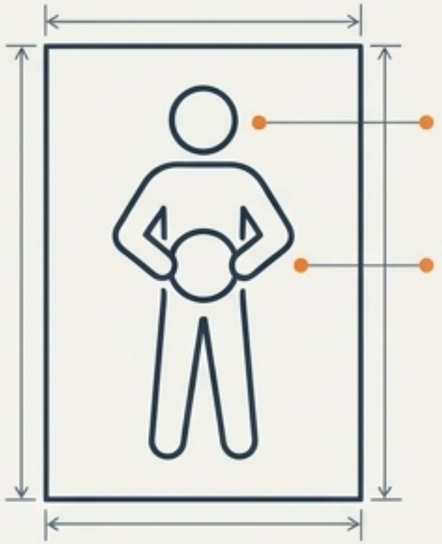
# Capture Architecture: Team vs. Individual Workflows

## Team & Coach Riser




- **Posing:** Two rows minimum (shorter front, taller rear). Coaches visible at edges/rear.
- **Framing:** Centered at team face height. Edge clearance required. No blocked jerseys.
- **Optics:** Moderate focal length. f/5.6 - f/8 required for full depth of field.
- **Capture:** Minimum three full-team frames. Audit for blinking and face visibility.

## Individual Ball-In-Hand



- **Posing:** Feet shoulder-width, body turned slightly. Ball held securely at waist/mid-chest.
- **Framing:** Capture head-and-shoulders, three-quarter, and full-length versions.
- **Optics:** Strict 4-6 foot distance from backdrop. f/5.6 - f/8 where light allows.
- **Edging:** Leave generous breathing room around hair, elbows, and ball for AI background removal.

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CHAOS FRAME: PRE-MASKING




ISOLATED FRAME: POST-MASKING

# The Clean Frame: AI Background Safeguards

## Masking Protocol

Use approved tools on a duplicated RAW file. Zoom to 100% to manually refine translucent gaps, hair, and ball edges.

## Factual Integrity

Never alter a child's appearance, body shape, or facial features. Reject hallucinated logos or false backgrounds implying unverified locations.

## Placement Rules

Place isolated subjects on approved league-branded or neutral sports backgrounds. Match subject scale, horizon, and shadow direction exactly.

## Formatting

Maintain layered master files. Preserve generous crop margins for 8x10, 5x7, wallets, and banners.

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# The 48-Hour Delivery SLA

### Hour 0: Dual Ingest

Copy original files to encrypted storage. Verify checksums. Create a second protected backup before formatting any cards.

### Hour 12: Cull & Edit

Strip unusable frames. Select one approved team hero hero and individual hero per athlete.

### Hour 24: Synthetic Tag

Apply ATH-001, Job ID, and consent status tags. Manually verify 100% of facial recognition associations.

### Hour 36: QA Test

Run simulated parent-access tests. Verify watermarks, least-privilege access, and pricing packages ($29/$49/$79).

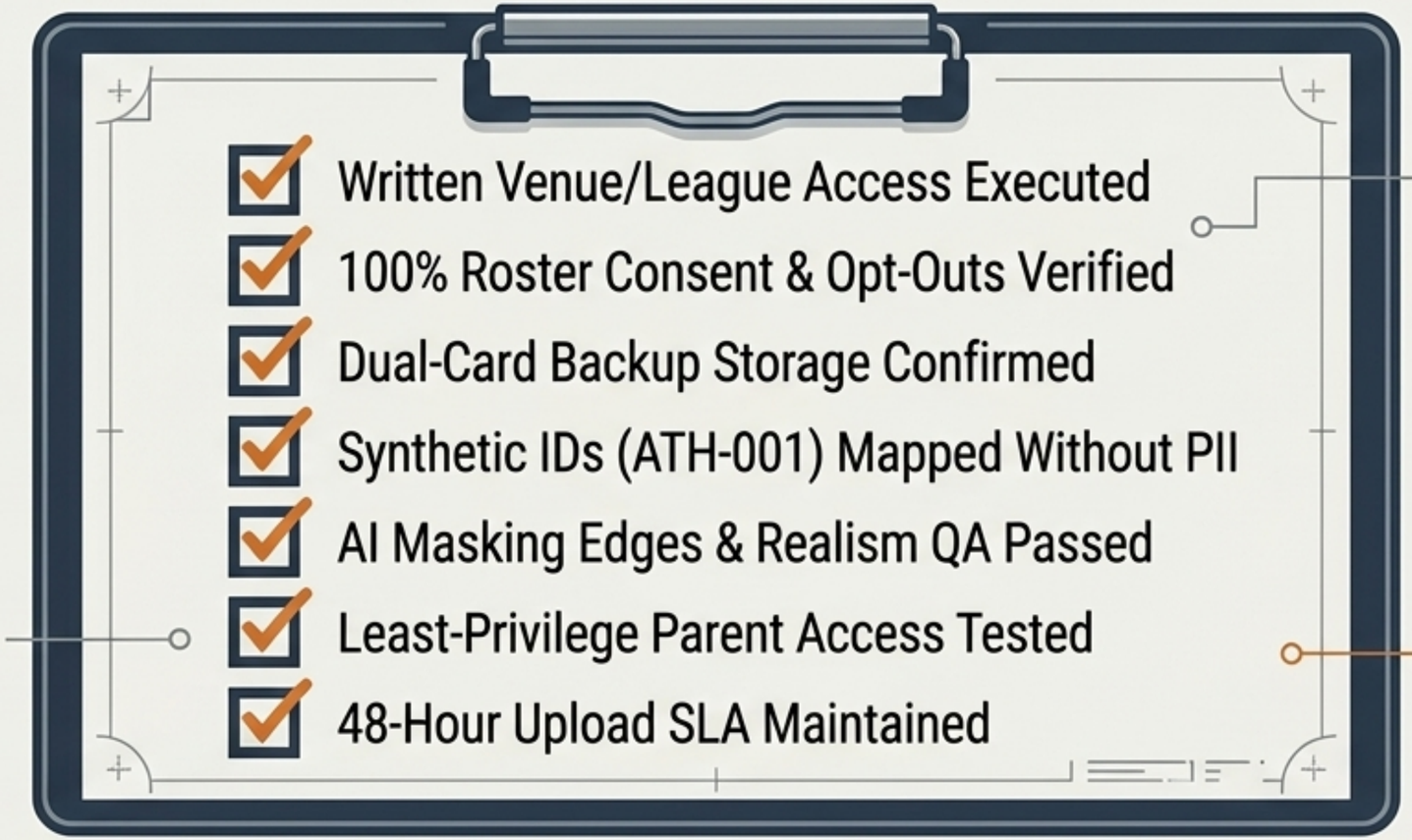
### Hour 48: Authorized Release

Publish only after strict privacy and quality sign-off. Route notifications strictly via approved league channels.




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# Day 37 Pipeline Validation Checklist




**FINAL DIRECTIVE:** Certification requires 100% adherence to safety, consent, and tagging protocols. Any unresolved critical defect suspends launch.

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