MODULE 10

Ingest, Backup & Digital Asset Management

Academy Days 68-75 | The Chain of Custody Pipeline

Transforming raw captures into protected, monetizable assets.



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MISSION & ROLE OWNERSHIP



ROLE: DIGITAL ASSET & GALLERY OPERATOR

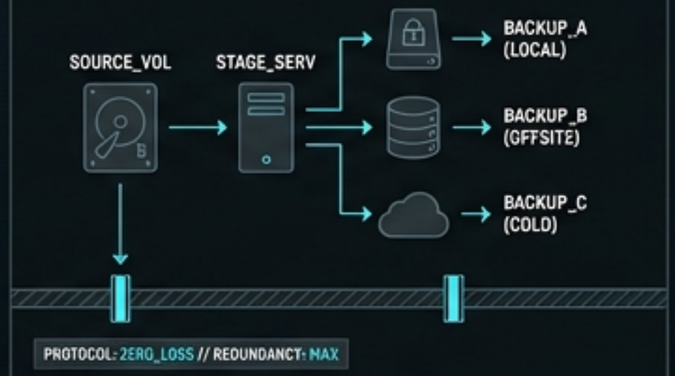
Core Responsibilities:

- Own backup integrity → VERIFIED
- Cryptographic ingest validation [01100011 01110010 01111001] ✓
- Manual athlete identification (ATH-001) — ID: ATH-001
- Private publication SLA — T-MINUS 47:59:59

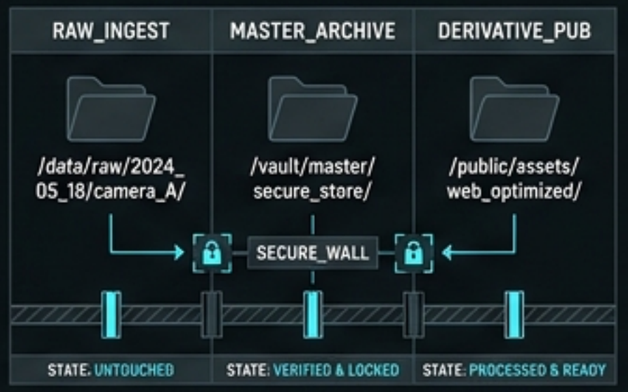
SECURE_ACCESS_LEVEL: OPERATOR // STATUS: ACTIVE

CORE LEARNING OBJECTIVES

01. Execute faultless local staging and redundant 3-2-1 backups.



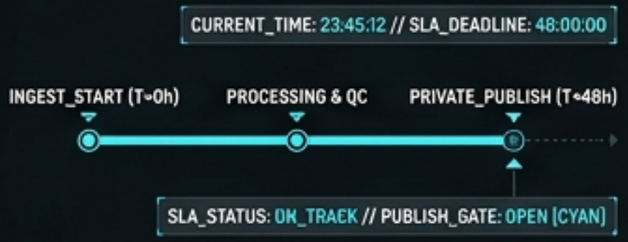
02. Maintain strict raw, master, and derivative asset separation.



03. Apply 100% verified manual identity tags to authorized rosters.



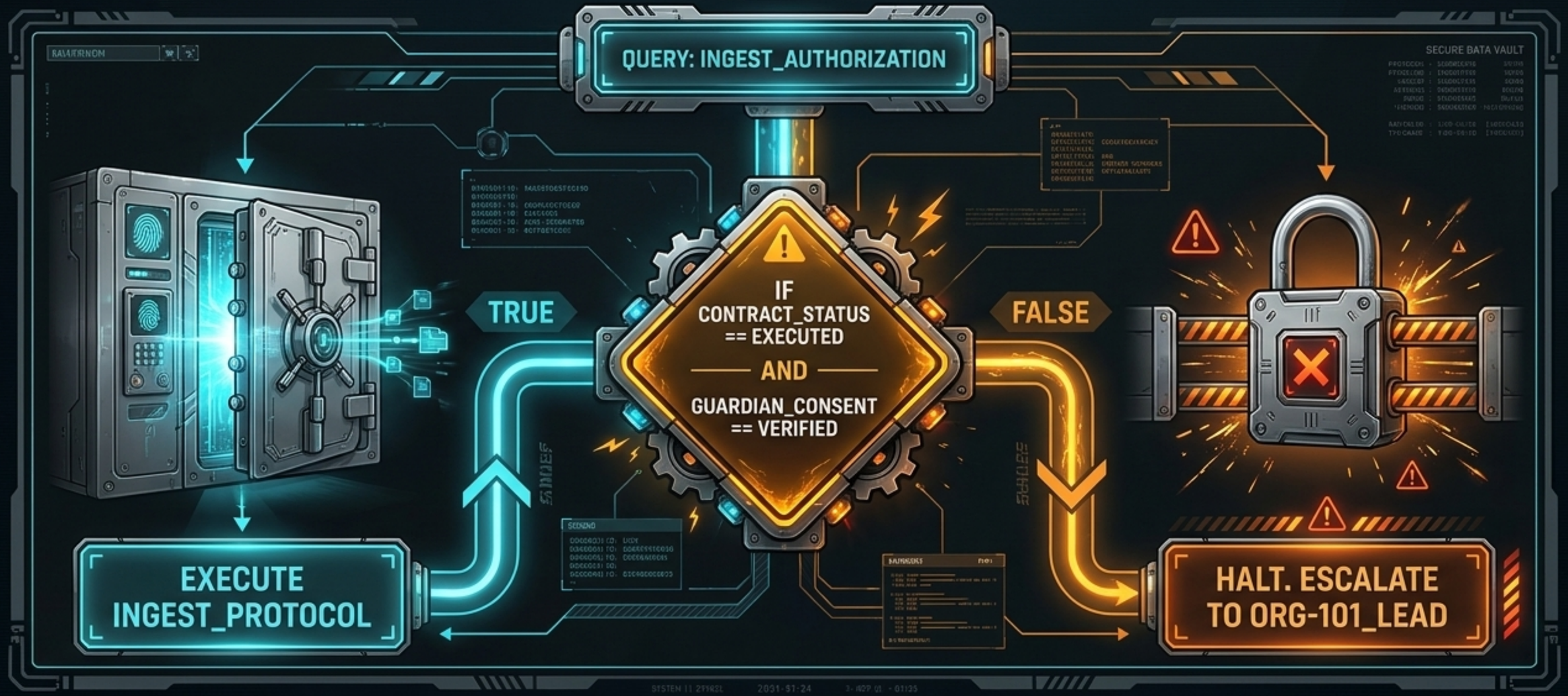
04. Achieve safe, private publishing within the 48-hour SLA deadline.



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THE ABSOLUTE GATE: LEGAL BASELINE

Exclusivity and access are never assumed. Zero data movement occurs without written municipal authorization and validated consent.



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PHASE 1: SECURE INGEST & CHECKSUMS

Always verify checksums against original cards. Never rely on OS file-size estimations.



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THE 3-2-1 REDUNDANT BACKUP POLICY



CRITICAL: Two independent, verified backups must be completed and logged before formatting any field capture card.

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RAW ASSET ARCHIVING & LIFECYCLE

TIER: RAW ASSETS

FORMAT: .CR3 / .ARW
LOCATION: Read-only encrypted archive



PERMISSIONS: Strictly no overwriting; preserve original factual integrity.
LIFECYCLE: Indefinite per retention policy.

TIER: MASTER EDITS

FORMAT: .PSD / .DNG
LOCATION: Working drive



PERMISSIONS: Exposure, crop, and approved AI masking applied here.
LIFECYCLE: Retained for 24 months post-season.

TIER: DERIVATIVE ASSETS

FORMAT: .JPG / .PNG
LOCATION: Staged for web upload



PERMISSIONS: Full-resolution exports with safe crop margins for print.
LIFECYCLE: Purged locally after successful cloud validation.

ALERT: Ensure all RAW and MASTER assets are securely backed up before processing DERIVATIVES. Data integrity is paramount.

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DIRECTORY & NOMENCLATURE PROTOCOLS

Never include parental contact info in image filenames.



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THE CRUCIBLE: CULLING & DISQUALIFICATION

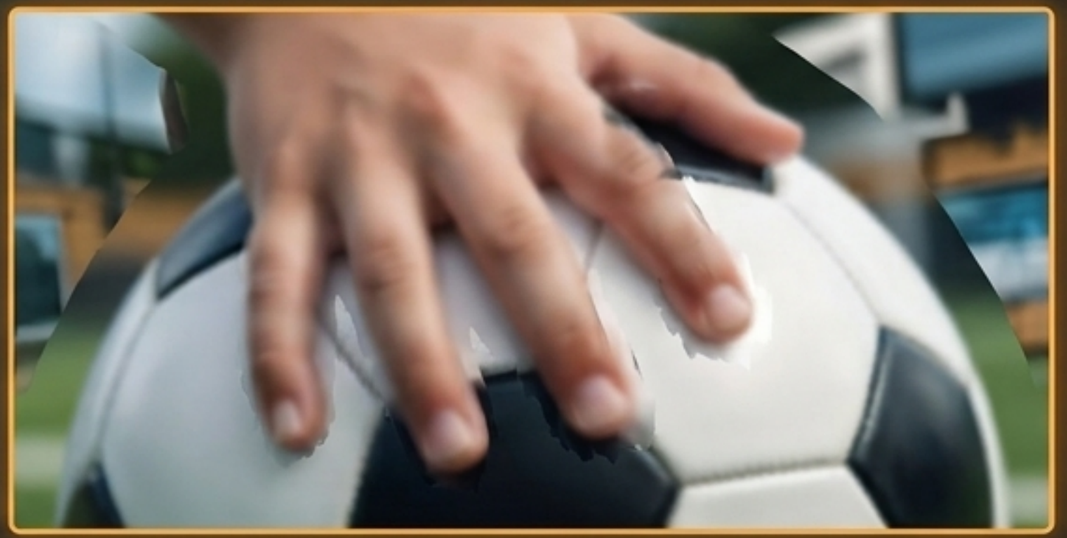
APPROVED ASSET

Sharp focal point on the eyes.
Complete ball and hand edges.
Confirmed roster mapping.
Age-appropriate factual realism.



DISQUALIFIED ASSET

Translucent gaps or AI edge clipping.
Hallucinated logos or fake environments.
Missed focus or motion blur.
Athlete opt-out flagged.



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METADATA & IDENTITY TAGGING

AI is an assistant, never an authority.

HIERARCHY MAP: Market > League > Season > Sport > Team > Athlete ID

STERILE DATABASE

TEAM_WILDCATS		
No. 14	ATH-001	VERIFIED
No. 15	ATH-002	VERIFIED

HUMAN VERIFICATION



A single wrong-player attribution blocks publishing.

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THE 48-HOUR UPLOAD SLA

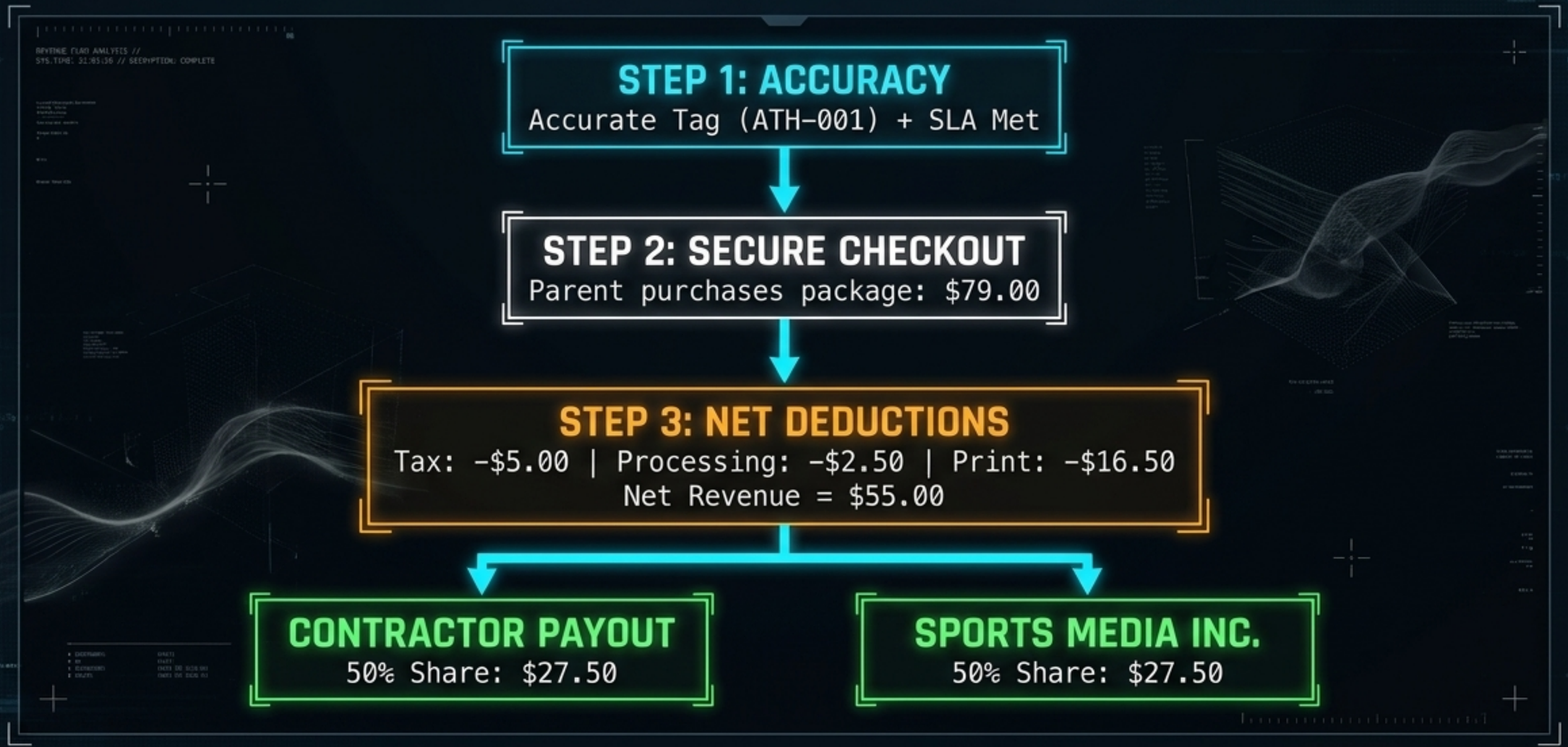
Delaying this SLA directly delays parent notifications, destroying conversion rates.



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THE REVENUE CONNECTION: 50% NET PAYOUT

Unverified tags mean unnotified parents. Sloppy data literally costs you money.



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APPLIED EXERCISE: DAYS 68-75

OJT Mission: Prove you can run the vault.

01. INGEST & VERIFY

Transfer the synthetic sample shoot. Execute a duplicate check and demonstrate a full backup-and-restore drill.



02. MAP & TAG

Tag 10 synthetic images (ATH-001 to ATH-010) against the provided dummy roster. Test wrong-player correction workflows.



03. DRAFT MANIFEST

Draft a complete system upload manifest using exact directory syntax rules.



04. GENERATE EXCEPTIONS

Produce an exception report documenting simulated missing IDs or failed backup alerts.



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PASS / FAIL CRITERIA

In the realm of child privacy, “mostly **right**” is a **failure.**

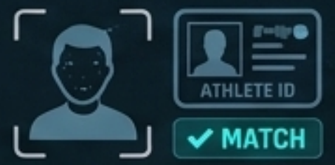
QUIZ SCORE THRESHOLD

Minimum 85% required on technical knowledge. No exceptions.



TAGGING ACCURACY

100% required. A single wrong-athlete tag (e.g., ATH-001 mapped to wrong identity) or misidentified synthetic ID is an instant fail.



PRIVACY & SAFEGUARDING

Zero unauthorized images exposed. 100% adherence to opt-out lists and data access controls.



TECHNICAL VERIFICATION

Flawless demonstration of 3-2-1 backup restore and cryptographic checksum verification. System integrity must be confirmed.



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EXCEPTIONS & ESCALATION ROUTES

You own the vault. If data is compromised, pull the alarm.

TRIGGER: Wrong-child exposure or missing guardian consent.

STOP PUBLISHING IMMEDIATELY.
Pull gallery offline. Escalate to Legal/Program Operations.



TRIGGER: Hardware failure or SD corruption before backup.

ISOLATE HARDWARE.
Do not attempt formatting. Escalate to IT Support for forensic recovery.



TRIGGER: 48-Hour SLA missed due to missing league roster data.

HALT UPLOAD.
Do not publish partial teams. Escalate to ORG-101 Community Lead.



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