Custom Computer Vision Buyer And Rollout Checklist

Work through each section with your vendor before the next stage starts, and keep the signed copy with the project file.

SITE _____ DATE _____ COMPLETED BY _____

01 Define The Problem

- [ ] Write a definition of every class that two labellers would apply the same way
- [ ] State the action each detection should trigger and who receives it
- [ ] Confirm that packaged analytics or a non-vision method cannot do the job
- [ ] Estimate the manual effort and cost the system would replace or avoid

02 Check The Cameras And Site

- [ ] Measure pixel density at the point of detection for every camera
- [ ] Check tilt and yaw against the task's limits
- [ ] Measure light at the target, by day and by night
- [ ] Confirm the analytic stream is pulled from the camera with smart codecs off
- [ ] Check network latency, packet loss and switch headroom

03 Settle Data And Privacy

- [ ] Decide where footage is processed and stored
- [ ] Complete a privacy impact assessment where people are on camera

- [ ] Agree who labels training footage and when it is deleted
- [ ] Agree model ownership in writing

04 Run Feasibility And The Pilot

- [ ] Receive a written go or no-go with its reasoning
- [ ] Agree the metric, threshold and held-out footage before the pilot starts
- [ ] Report accuracy for each camera, and night separately from day
- [ ] Write down the production criteria before the pilot begins

05 Run It In Production

- [ ] Connect detections to the systems operators already use
- [ ] Schedule a regular audit of sampled events for each camera
- [ ] Name the owner of retraining and the response time
- [ ] Survey a zone again whenever its camera is moved or its view changes