



Identity Check

3D Liveness + Photo ID Match + Age Estimation

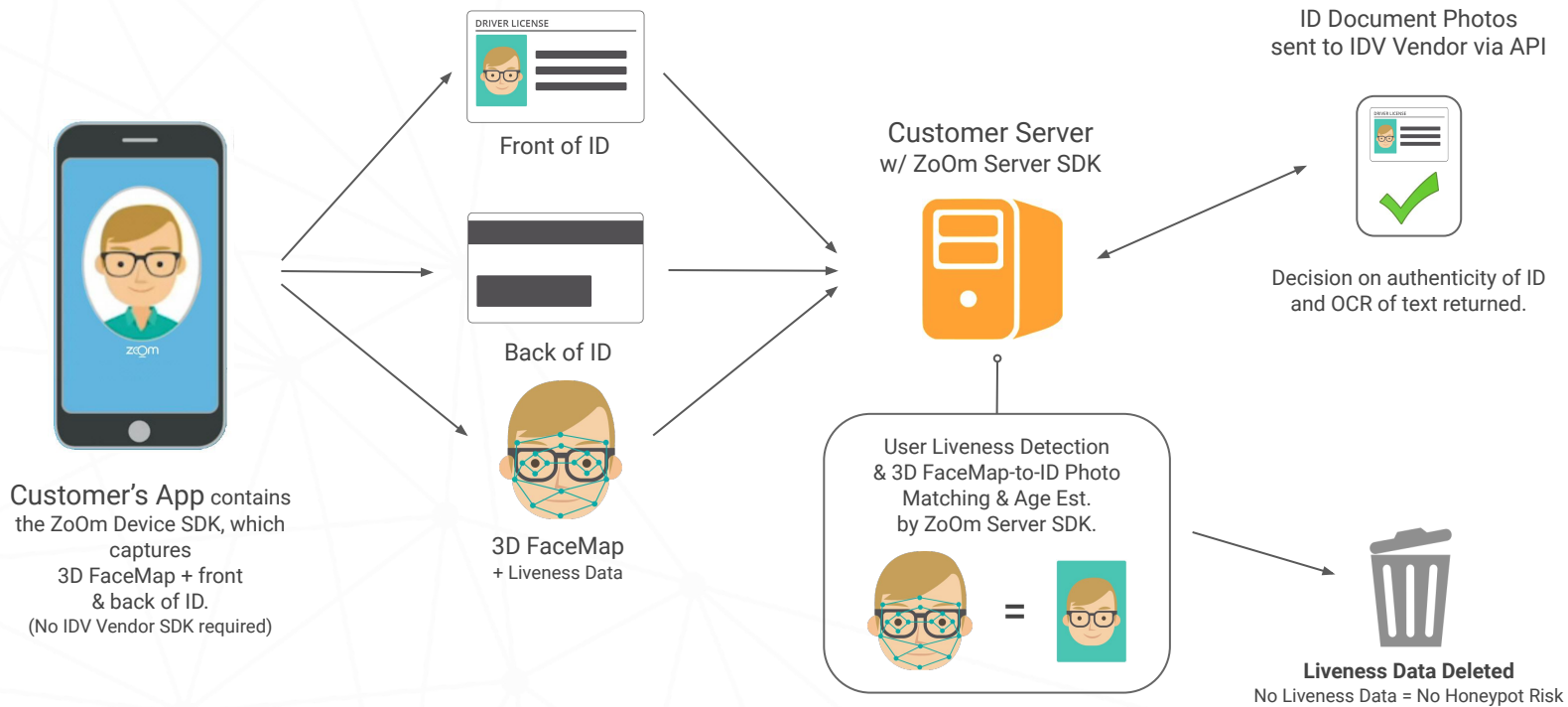


ZoOm® Identity Check: *Features*

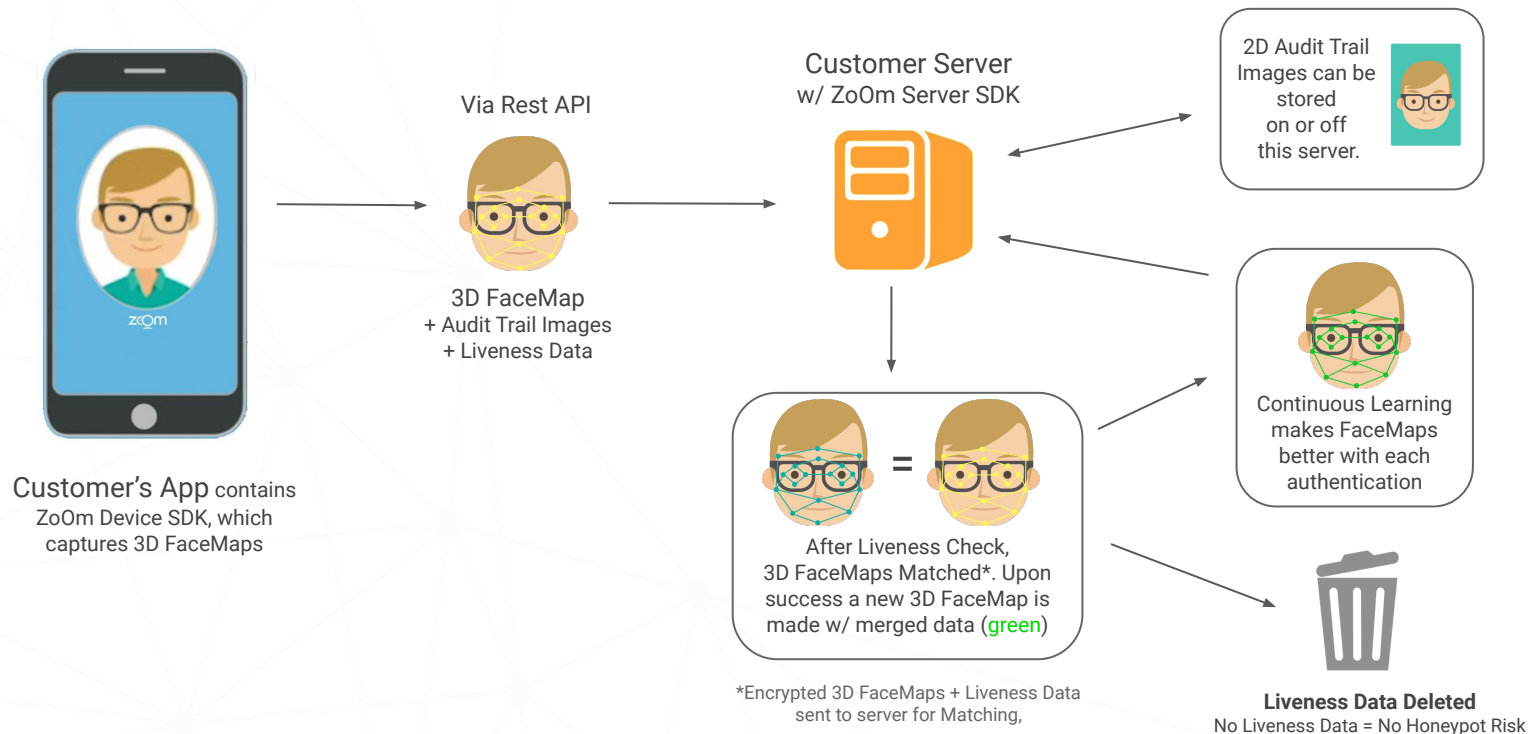


- UI Captures 3D video selfie + front & back of Photo ID
- Certified Liveness Detection proves physical presence
- User's 3D FaceMap matched to Photo ID
- Front & back of ID sent via API to IDV Vendor
- User Age Estimate from 3D FaceMap corroborates ID
- 3D FaceMaps stored for future authentications
- Liveness Data Deleted = No Honey-pot Risk
- iOS & Android SDKs = ~6.7 MB, Browser = ~2.5MB

ZoOm Identity Check: *Onboarding Flow*



ZoOm Server SDK: Authentication Flow



ZoOm Identity Check: *FAQs*



ZoOm Identity Check Device SDK	User Onboarding & Enrollment	Future ZoOm Authentication Sessions
Photo ID front & back captured?	Yes, ZoOm FaceMap matched to photo on ID	No, FaceMap matched to stored FaceMap
Biometric Data processed?	By ZoOm Server SDK	By ZoOm Server SDK
3D Liveness verified?	Yes, User Liveness verified prior to ID match	Yes, Liveness verified during each session
3D FaceMap to Photo ID matching?	Yes, 2D photo to 3D FaceMap (or 2D audit trail image)	No, Photo ID images are not captured
3D-to-3D FaceMap matching?	No, this is the first session the user performs	On-Server (1:1) or (1:N for de-duplication)
Age Estimation from 3D FaceMap?	Yes, every Liveness Check provides an Age Est.	Yes, every Liveness Check provides an Age Est.
Transmitted data size?	TBD by IDV Vendor	3D FaceMap = ~300KB
Devices supported?	Android/iOS, mobile/web browser w/ webcam	Android/iOS, mobile/web browser w/ webcam

ZoOm Identity Check: *Server SDK & API*



ZoOm Server SDK	Customer Managed Compute & Data
At Rest/In Transit Data	Encrypted
Biometric Account Recovery	3D FaceMaps stored on central storage
Biometric Data Stored On	Customer's servers
Server/Cloud Software Required	ZoOm Server SDK (provides private REST API)
Server Sample Code & Demo Apps	Yes, C/C++/Java
Easy Startup Effort	ZoOm Server SDK setup guides (Self-managed, AWS Lambda, EB, EC2, etc.)

ZoOm EZ ID: Verification Flow (optional)

