

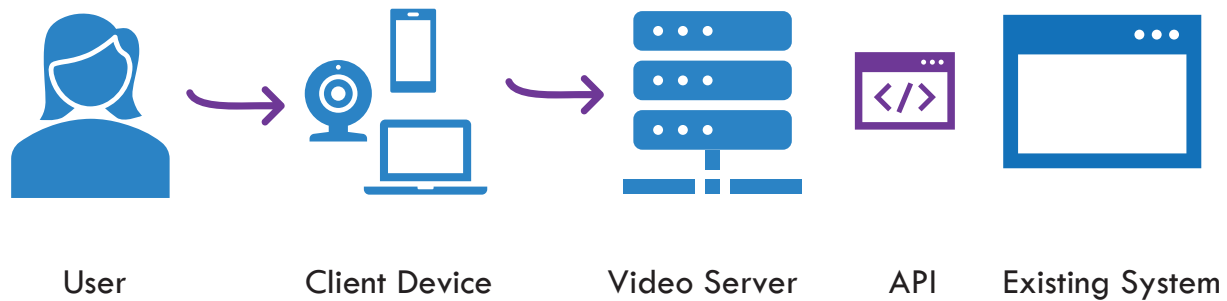


Concept Note

eMudhra Video Management System

eMudhra Video KYC System is a comprehensive solution to manage Video system including the recording, retrieval as well as face recognition functions

Simple Integration, Secure Verification..!!



Components

Video Manager Core

Centralized system for core video management, with support for various globally accepted standards in video management

Video Recorder Interface

A comprehensive set of client components to integrate and achieve browser-based video recording from desktop & mobile

Video Admin

A back office portal to administer, configure and take high level reports on overall functions and operations of the system

Video Manager API

An Application Programming Interface to connect and be consumed by external system, through advanced REST APIs

Video Verification Module

A subset module for robust video verification functionality including face detection, liveness check, and face matching services

Video Recorder for Mobile Apps

A Software Development Kit (SDK) to integrate and consume the system in any native mobile apps in Android and iOS

Key Features

- Centralized Video Management
- Quick photo matching from existing KYC data or a photograph from alternate channel
- Unique identifier for videos for easy mapping and retrieval
- Can be consumed by any authorized third party system
- Robust API services for variety of functions
- Deep Learning Framework with continuous learning
- High accuracy rates with competitive Area Under Curve probability
- Supports scalable storage devices to handle high data size
- Configurable video minimum and maximum duration
- Customized questions to display to user while recording the video

Benefits and Advantages

- 100% digital & instant KYC solution
- Simple to integrate and enable existing applications to capture / record videos
- Enable your customers / users to use their device to submit videos for KYC
- Enhance your system with dynamic verification results from simple API results
- Accurate Data Extraction & Validation for face recognition
- In Person Verification through your existing system, fully digital
- Platform Agnostic Deployment with APIs for your systems and SDKs for mobile apps

Prerequisites for On-Premise -PoC

- **Number of Servers:** Two
- **Operating System:** Windows 2012+ / Linux* (check for recommended Linux editions / version)
- **Server Configuration:** Two Octa Core Processor 2GHz+, 128 GB RAM, 1 TB SAS / SSD Usable Storage, RAID 5/6 Control, 1Gbps Network Interface
- **Internet:** Minimum 20 Mbps public internet connectivity
- **Public interface:** Public IP address with DNS name mapped, with SSL/TLS certificate
- **Target Capacity:** 10000 Recordings

About eMudhra

Much like the name, which is an embodiment of the seal of authenticity in the electronic or digital world, eMudhra is a cyber security solutions company and a trust service provider that is focused on accelerating the world's transition to a secure integrated digital society. With presence in 5 continents and a global delivery center in Bengaluru, India, eMudhra is empowering secure digital transformation of over 45 global banks, several Fortune 100 customers and thousands of SMEs.

