



ENABLING BUSINESS PROCESSES



# Meridian VisionDetect

**Enabling Digital Transformation by Leveraging Cloud Solutions**

# Meridian VisionDetect

**Meridian VisionDetect is an innovative solution for real-time face registration and verification, powered by Microsoft Azure. It supports applications like video KYC, facial access control, and automated attendance systems with high performance and scalability.**

## Applications:

- Facial Attendance system
- Facial Recognition Login
- Secure Facility Access
- Automated Employee Attendance



# Key Features

- Instant Face Registration:** Quickly captures and registers facial images, processing data in milliseconds.
- Customizable Metadata:** Stores and integrates customizable metadata for enhanced data utility.
- Secure Data Storage:** Utilizes Azure Blob Storage and MySQL Database for secure, scalable data management.
- Fast and Accurate Verification:** Verifies faces within 2 seconds with high accuracy, ideal for secure access and identity checks.



# Components

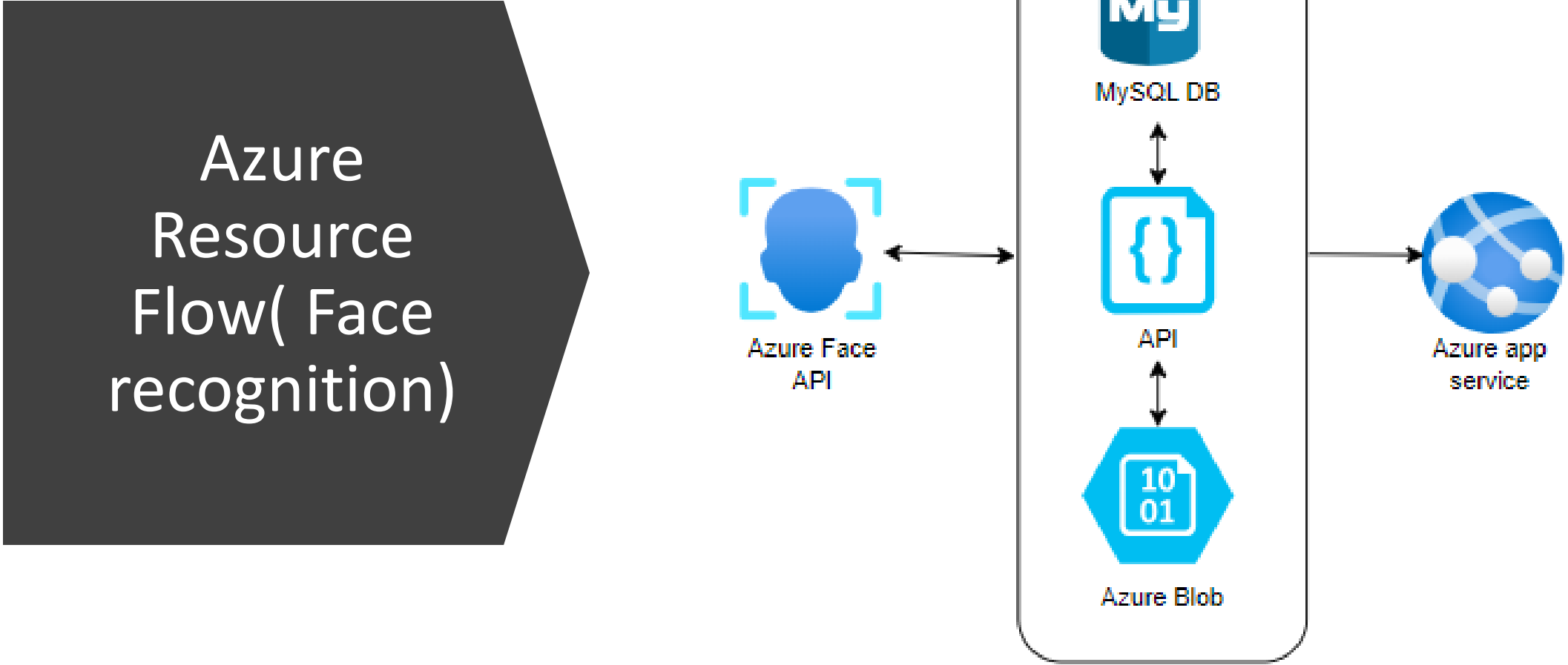
## Face Registration:

- Real time face registration (with respective metadata)
- Face registration module is purely based on customers needed or required metadata.
- Registration time is usually in milliseconds
- Registered metadata will land over azure cloud (blob & MySQL)

## Face Verification:

- Recognizing time is up to milliseconds.
- Real time face verification
- Access validation (Purely based on user customization)
- Real time power BI visualization and dashboarding
- Integrated with azure cloud services (azure data lake, azure MySQL DB, azure web apps)
- Approaching use cases (video KYC, facial access control, entry-exit system)
- Integrated UI (face verification part & BI dashboarding)

# Azure Resource Flow



# Thank You

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