



# **IMPLEMENTED ATTENDANCE SYSTEM FOR OVER 87000 EMPLOYEES AT NARAYANA GROUP**



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# Statistics

1. **Application** - Time and Attendance with Face Recognition Device.

2. **Size** -

**Face Attendance & Narayana Schools & Medical Collages**



**More than 69700 Users**

**Face Attendance & Narayana Medical Institutes & Hospitals**



**More than 18100 Users**



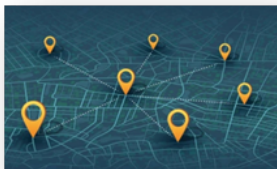
**(VF600)**

**864 AI based Face Recognition machines.**

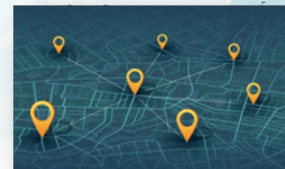


**(VF600)**

**110 AI based Face Recognition machines.**



**777 Locations**



**58 Locations**



**More than 43000 employees attendance punching on daily basis**



**More than over 7000 employees attendance punching on daily basis**

# Customer Site overview

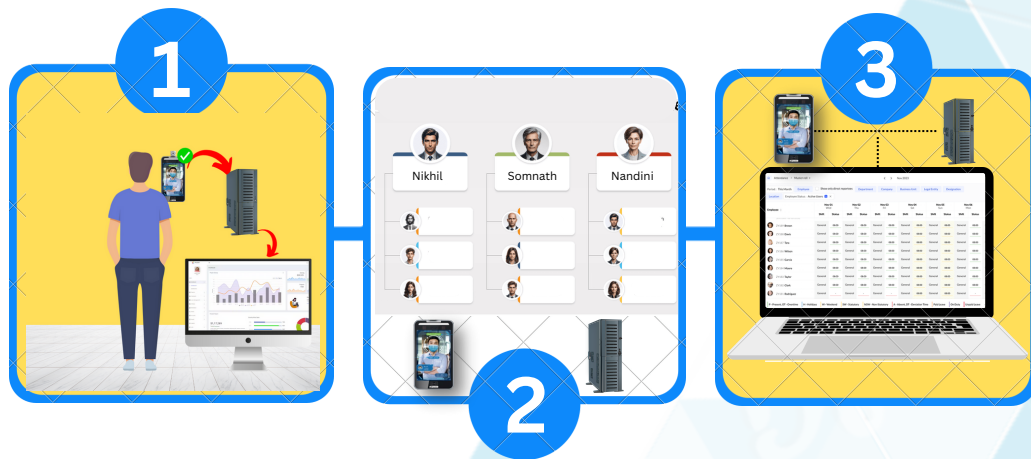
Customer has 835 locations, they have more than 87000 active users have punch in daily basis. They have Multiple Shift to manage and data need to integrate with their ERP System. They wants data in their central server database.

## Initial Challenges faced

- **Localised Attendance Software:** Customer previously used a Localised Attendance Software, They searching for centralised attendance management software.
- **Local Data Management:** Previously Customer has a local dependency and data will be manipulated for local software.
- **Finger Print Biometric:** Earlier Customer was using Finger based biometric devices, many employees has problem in their Finger Print so they cannot give the attendance properly.
- **Integration with ERP:** Customer has an Oracle based ERP system, they want to integrate the attendance with the Oracle table.
- **Device Management:** Customer wants to manage remote locations devices centrally for onboarding employees and for employee registration.

# Typical requirement & challenges

1. **Managing the Employee Master from Central Server with ID & providing the Employee White List from Central Server on Face Device (for Face Registration)**
2. **Managing the Remote location Device Administrator for Registering the Face for the White Listed Employees**
3. **Capturing of Employee Profile Photo at the time of Face registration without information to Employee**



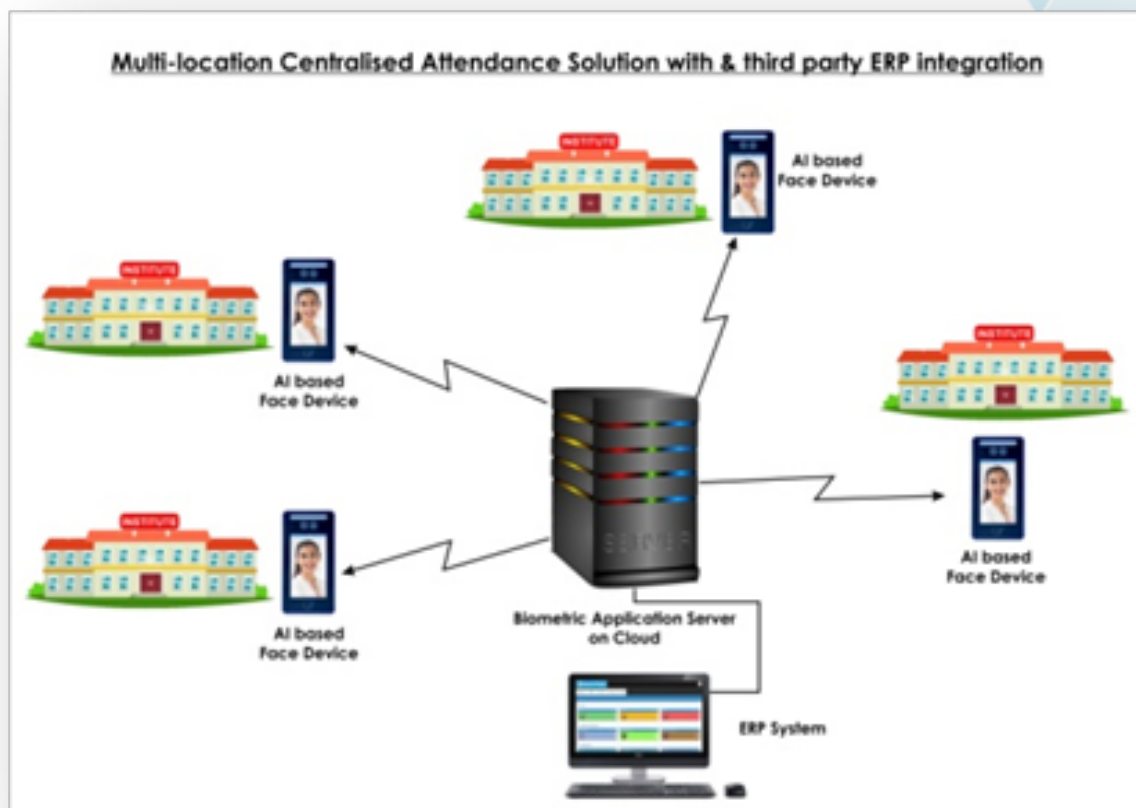
# The following Unique feature for Face Attendance Device, are seamlessly implemented to make System Complete & Effective:

1. **Whitelisted Id's can only be Registered using Face on the Face machine.**
2. **Privilege wise Super Admin & Face Enroll Admin at Devices : Super Admin will have full control on Device. Face Enroll Admin can only Register Faces of whitelisted Users.**
3. **Date & Time setting Provision from Device disabled.**
4. **Holiday Validation at Devices : It will allow only Certain list of users to mark the attendance on Holidays.**
5. **Centralised Management of Device Admins (2 Types, as mentioned above) from Central Server Software**
6. **Employee Live Image Capture at the time of Punching.**
7. **Unsent Punch Records display on Device Idle Screen.**



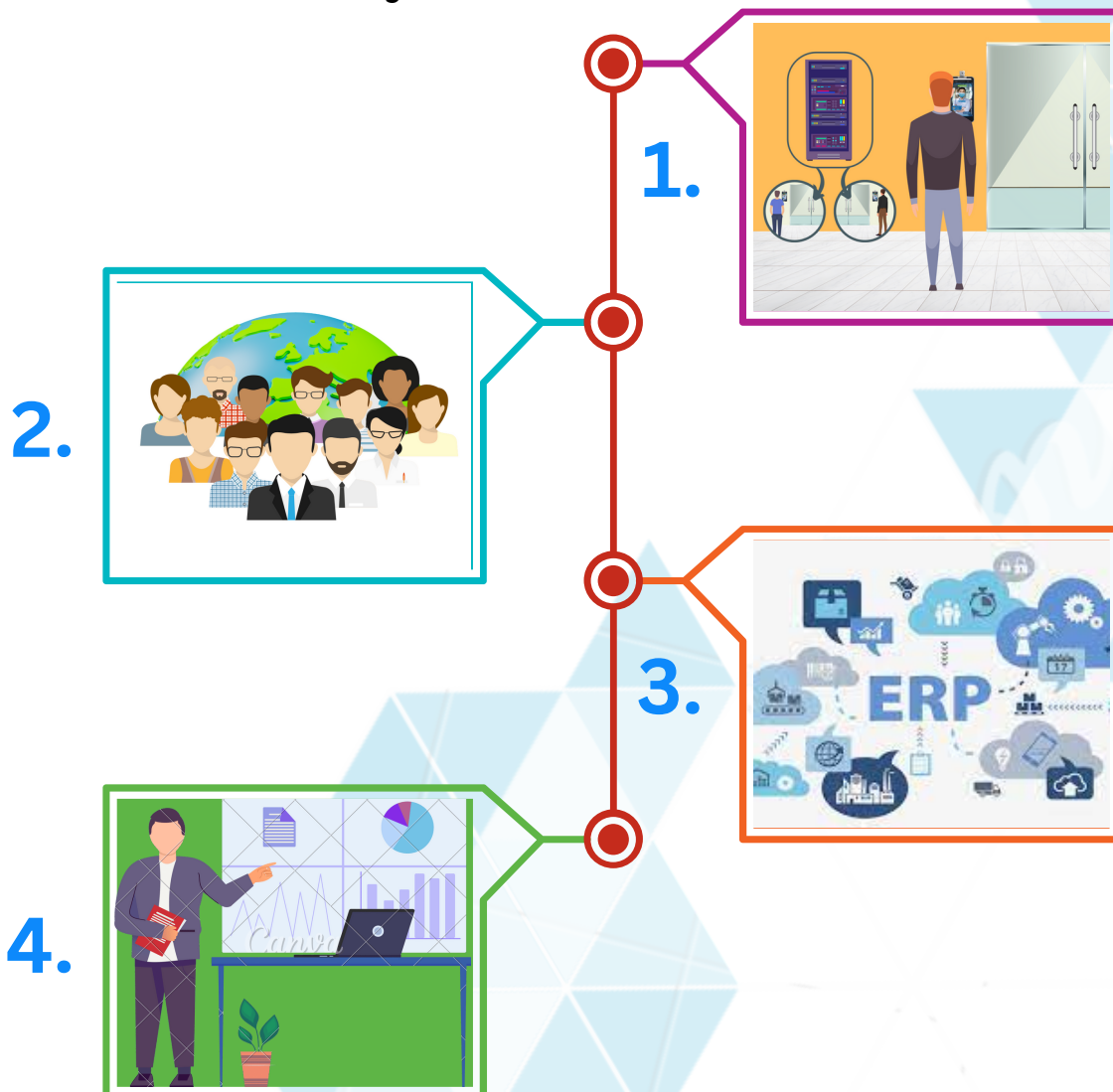
# Implemented solution and Flow Diagram

We have provided them Face Recognition attendance device for solving the finger problem. Cloud based Attendance Software with Centralised attendance and Data management. We have successfully done the integration with their ERP System. The provided software can manage over 87000 active employees data centrally and can give the live attendance data for all locations.



# Results

1. More than 87000 active employee onboarding currently
2. More than 50000 employees attendance punching on daily basis
3. We have provide the attendance data to their Oracle table so they can manage the attendance from their ERP System.
4. Centrally they can manage the employees data. Template Transfer, template delete, employee enrolment easily.



**\*all data mentions about are updated on 30th dec, 2023**