

Welcome



Tericsoft Technology Pvt Ltd

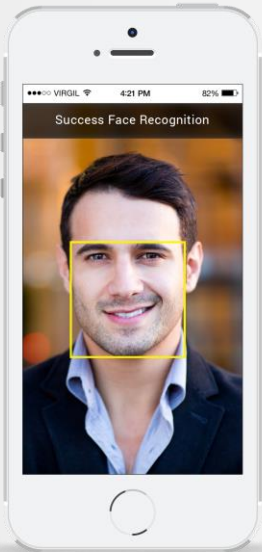
Technology Through Computer Vision & Artificial Intelligence

Unified Platform

What is Face Recognition?



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Face Recognition is a way of recognizing human face through technology. It is biometric technology through visual data. The biometric facial features are mapped onto recognizing a face from the stored face in the database. Face Recognition helps in personal identity creating a faceprint.

Current market size of Face Recognition is valued at ~\$4 Billion market size. It can be used in everything and everywhere from Security to Marketing.

- Facial Recognition are of 2 versions. Version 1.0.0 deals with Edge Device deployment.

Tericsoft supports 3 Edge Devices:

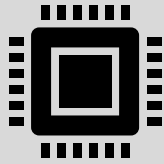
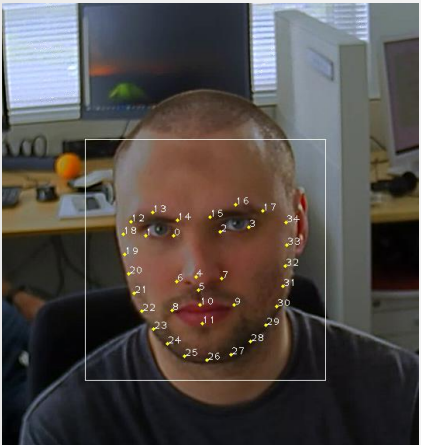
- Jetson Nano
 - Raspberry Pi
 - Mobile Phone
- The collection of data, computation of data, and validation of data is done on the Edge Device. The Edge device will be deployed on the user's ground.
 - Dashboard is created to each user to review the identity and analytics of the face.
 - The user can add as much as dataset for training where the computation takes place in either user's GPU and Teric's GPU. Since, training requires high computation power, GPU servers are used.
 - The user can login into Teric Portal and review the validation results.

Teric FaceLink- v1.0.0 Pipeline



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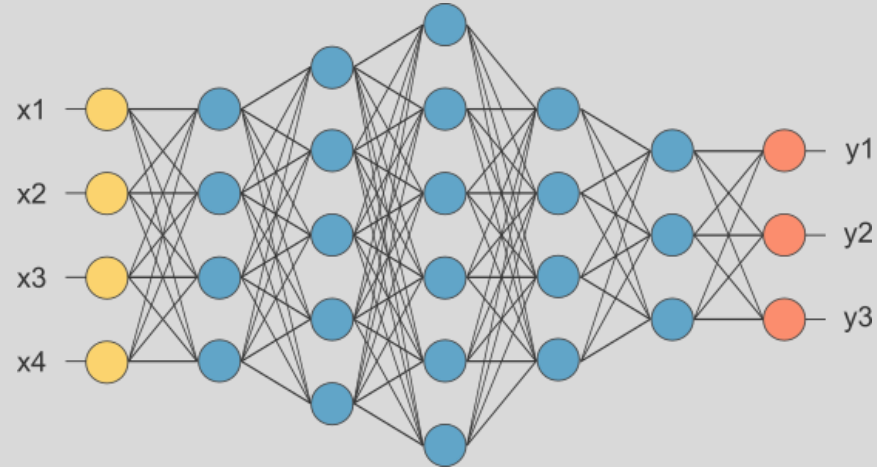
Data Collection (Input and Training)



- Jetson Nano
- Raspberry Pi
- Mobile Phone

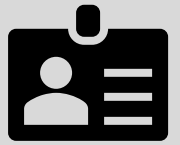
On-Edge Premises

On-Server Computation (Training and Prediction)



Server Premises – GPU (Users/Teric)

Teric Dashboard



Teric Portal

Teric FaceLink v1.0.1



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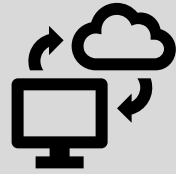
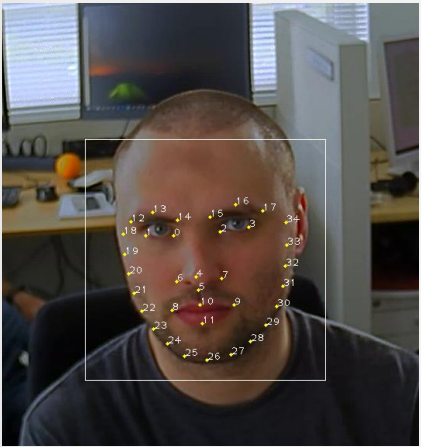
- Teric Face Recognition v1.0.1 deals with cloud computing. The cloud services offered are either AWS or GCP.
- The data will be directly uploaded to the cloud from the edge device. The account maybe of the user or Teric.
- The training and validation will be done on the cloud services and Teric takes care of the task ending process once the training reaches it saturation point of accuracy.
- The model prediction and running of the use case will be through cloud.
- The prediction done on the cloud shall be retrieved by the Teric Dashboard, where identity and analytics are being shown.
- Even here, the user can add as much as dataset for training and do the computation and validation, but purely on the cloud.



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Teric FaceLink- v1.0.1 Pipeline

Data Collection (Input and Training)



- Jetson Nano
- Raspberry Pi
- Mobile Phone

On-Edge Premises

Cloud Computation (Training and Prediction)



Cloud GPU Instances (Users/Teric)

Teric Dashboard



Teric Portal

Business Editions



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v1.0.0 Edition

- Edge Device
- Server Usage
- Extra Features depending on the use case
- Teric Portal (Dashboard)

On-Premises
Deployment

v1.0.1 Edition

- Cloud API
- Docker Based
 - GPU Instances
 - Cloud storage
- Extra Features depending on the use case
- Teric Portal (Dashboard)

Pay as Use

Enterprise Edition

Customized
Solution for
Enterprise
Requirement
(Large Scale Deployment)

Pricing Depends on the
use case