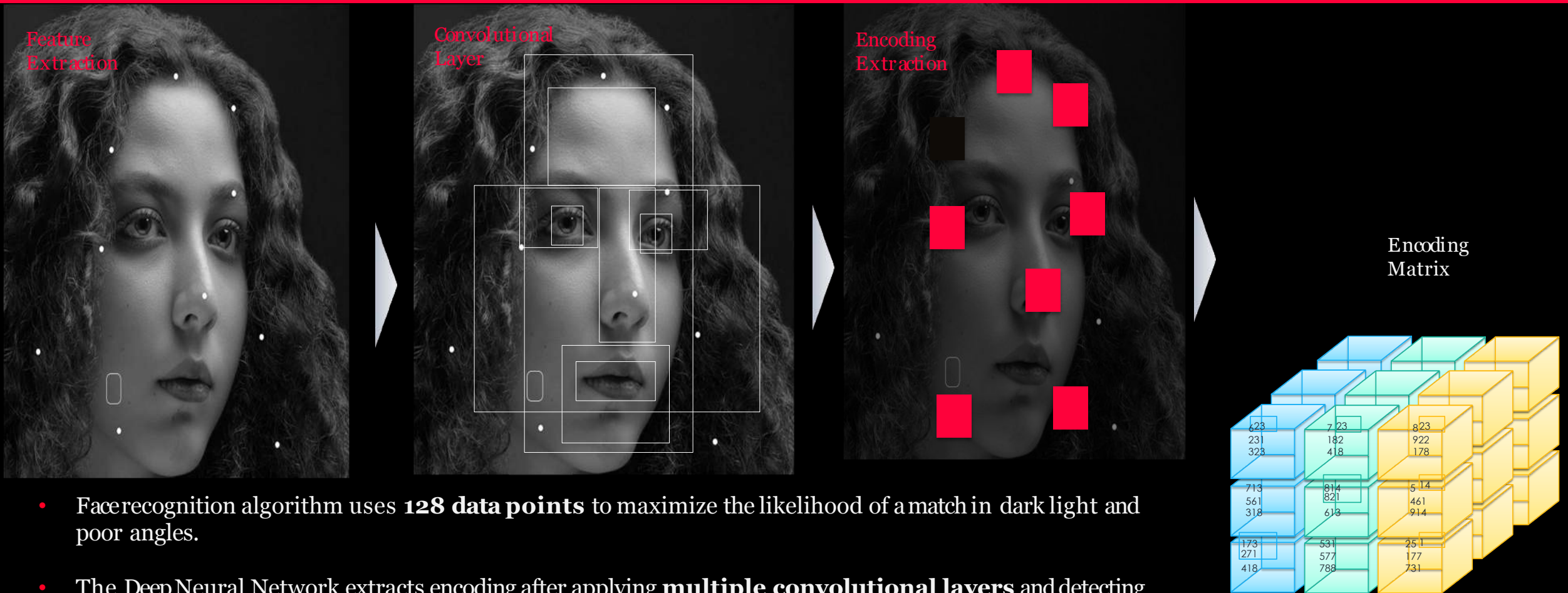


Computer Vision for Malls



Face Recognition – Computer Vision



- Facerecognition algorithm uses **128 data points** to maximize the likelihood of a match in dark light and poor angles.
- The Deep Neural Network extracts encoding after applying **multiple convolutional layers** and detecting multiple features of a face.
- Algorithms can recognize a face in **Full HD at 30 Feet** and in **4K at 100 Feet** distance.
- Uses state of the art **Edge computing** to recognize and match faces

Computer Vision for MALLS - Features

Customer Analytics

Customer

Loyalty Customer
VIP
Black Listed
Visit count
Time Stamp

Demographics

Age
Gender

Store Visit

In & Out Count
Time

Path Tracing

Crowd Analytics

People Count

Ingress
Egress

Occupancy Monitoring

Heat Maps

Dwell areas
Interest Areas

Crowding detection

Shopping Zones

Identification
Dwell Time

Queue management

Security

Intrusion detection

Perimeter security breach

Fire or Smoke detection

Unidentified baggage

Video Search

Live or Archived
Based on Attributes
(object, behavior & event)

Dashboards & Alarms

Customers

Honeywell

FUJITSU

TICKETECH
Parking Technology Solutions

DENSO

