

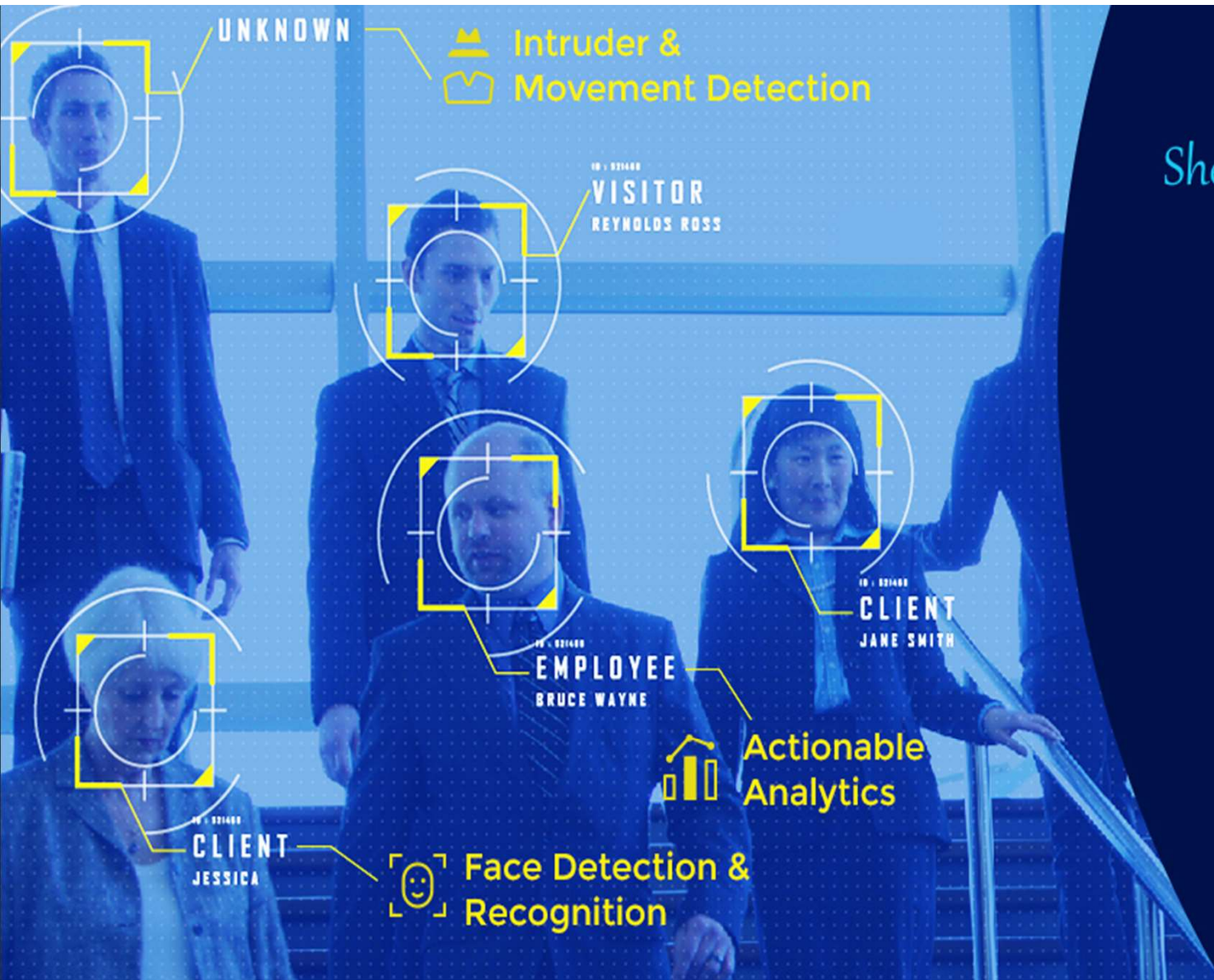


Agile & Incremental Digital Transformation

About ShepHertz

- Trusted by **75,000+** registered customers in **150** countries
- Processing **200+ Billion API Calls**
- Large Enterprise customers in BFSI, Retail, Media, Aviation, Real Estate & Gaming
- Multiple years of experience in **Managed Services** on the Cloud with various providers.
- Partnership with largest companies – IaaS, SI/IT Services, Resellers, Advisory cos.
- Providing Products & Solutions since 8+ years
- One of the largest product line in the Cloud & Platform space (PaaS, APIs, DevOps, Real-time Messaging, Actionable BigData, AI & ML)
- Experience across IaaS Providers – AWS, MS Azure, IBM Cloud, VMWare vCloud Air, Alibaba cloud, OnPremise etc.
- Servers in 9 countries





UNKNOWN

 Intruder &
 Movement Detection

10 - 001480
VISITOR
REYNOLDS ROSS

10 - 001480
CLIENT
JANE SMITH

10 - 001480
EMPLOYEE
BRUCE WAYNE

10 - 001480
CLIENT
JESSICA

 Actionable
Analytics

 Face Detection &
Recognition

ShepHertz APPLIED AI
COMPUTER VISION

Vertical Solutions

 Attendance
Management

 Visitor
Management

 Retail
Analytics

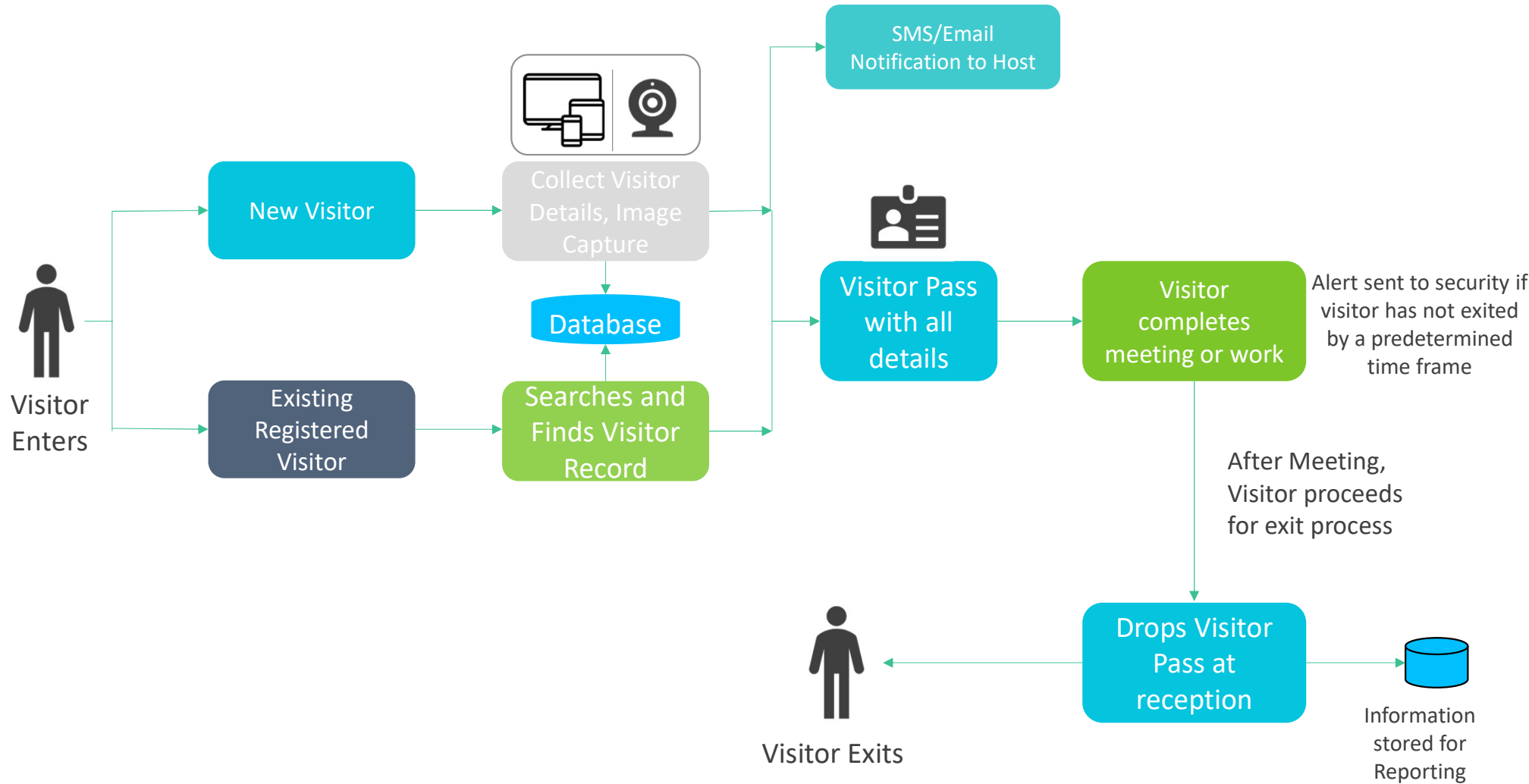
Visitor Management Solution



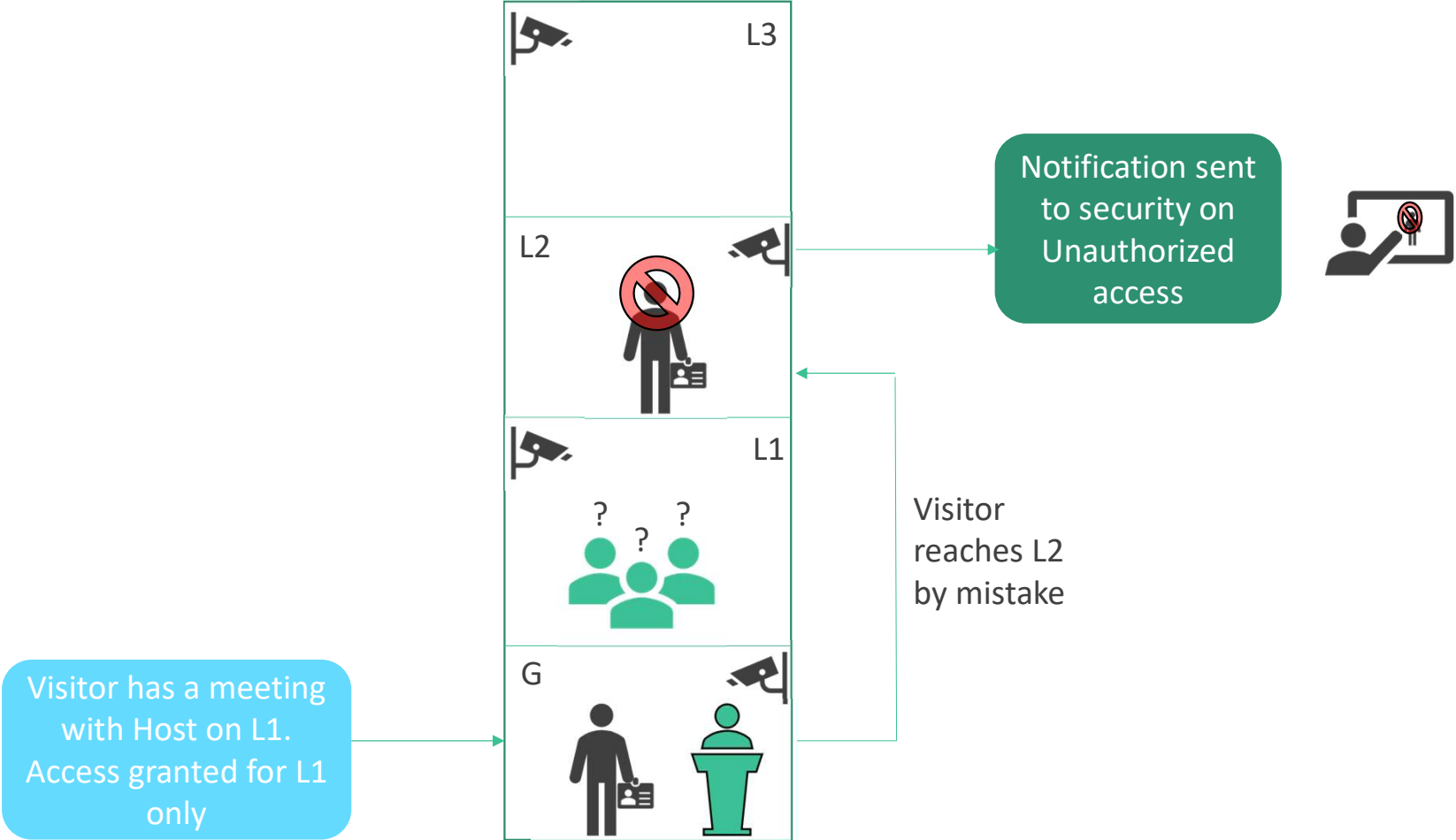
Conventional vs New-age Visitor Management

Conventional	New-age
<ul style="list-style-type: none">➤ Long queues at reception desks➤ Inconvenience to visitors in terms of long waiting times➤ Tedious and repetitive entry procedures at every check point➤ Repeat/Frequent visitors need to register on every visit➤ No track and control of visitor movement in premise once he crosses the entry gate.	<ul style="list-style-type: none">✓ Intuitive Self-service kiosk reduces queues at reception desks Inconvenience to visitors in terms of long waiting times✓ Saves Time – Repeat visitors are automatically detected, and entry pass is generated without having to fill all the details again and again.✓ Notifications to Hosts – SMS & Emails✓ Restrictive Access to visitor✓ Gather useful insights in Large exhibitions/shows – Rich analytics in terms of analyzing periods during which there was a spike in visitor inflow, most visited stall etc.✓ Detect suspicious behavior – in crowded places✓ Minimize spends on reception & security staff thus better resource utilization.

Visitor Registration



Visitor Access



Analytics

- Visitors count day wise – Total number of visitors visited on the specific dates.
- Visit count – Number of times each visitor visited.
- Visitors Overstayed – Details of visitors who stayed after the expected time out.
- Visitors Overstaying – Details of visitors who are staying after the expected time out.
- Appointments List.
- Appointments Missed.
- Contractor Attendance Daily, Weekly & Monthly reports

Other Indicative Use cases using Face Recognition

- Detect Intruders
 - Unknown people
 - Identifying users who are in a Secured/Restricted Area
 - Detecting suspicious characters
 - People carrying objectionable/dangerous objects e.g. Knife
 - Wearing helmet or covering face e.g. Use case : ATM
 - Not wearing uniform : Use case Manufacturing
- Trigger Notifications/Alerts and Alarms to security
- Automatic locking of Doors in case the intruder is identified – Usecase: IoT
- Analytics
- Detect unusable behavior/Anomaly/Outlier detection : Our of the normal movements.

Omni-Channel Digitization Platform

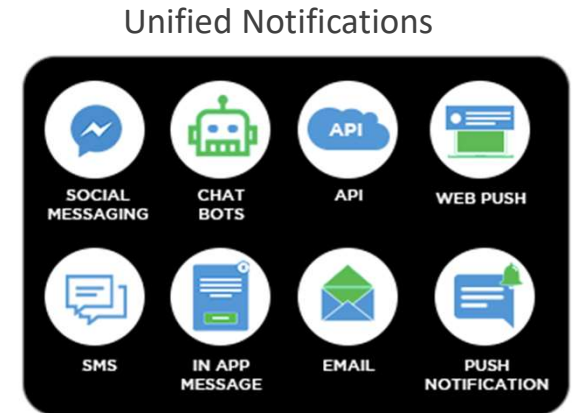
Verticalized Point Solutions
(Sales Automation, Geo- Attendance etc.)

Build & deploy B2C, B2B, B2Partner, B2Employee
Omni- Channel Apps



Omni-Channel Single View of
Customer/Asset/Employee

AI & ML



42CLOUD
API



Visualization & Reporting

**ShepHertz
Digital Hub**

42MA

Actionable analytics & automation

App42 BDC = Bigdata Connectors

Big Data

App
Behavior

Transactional

Unstructured

Real Time

Offline

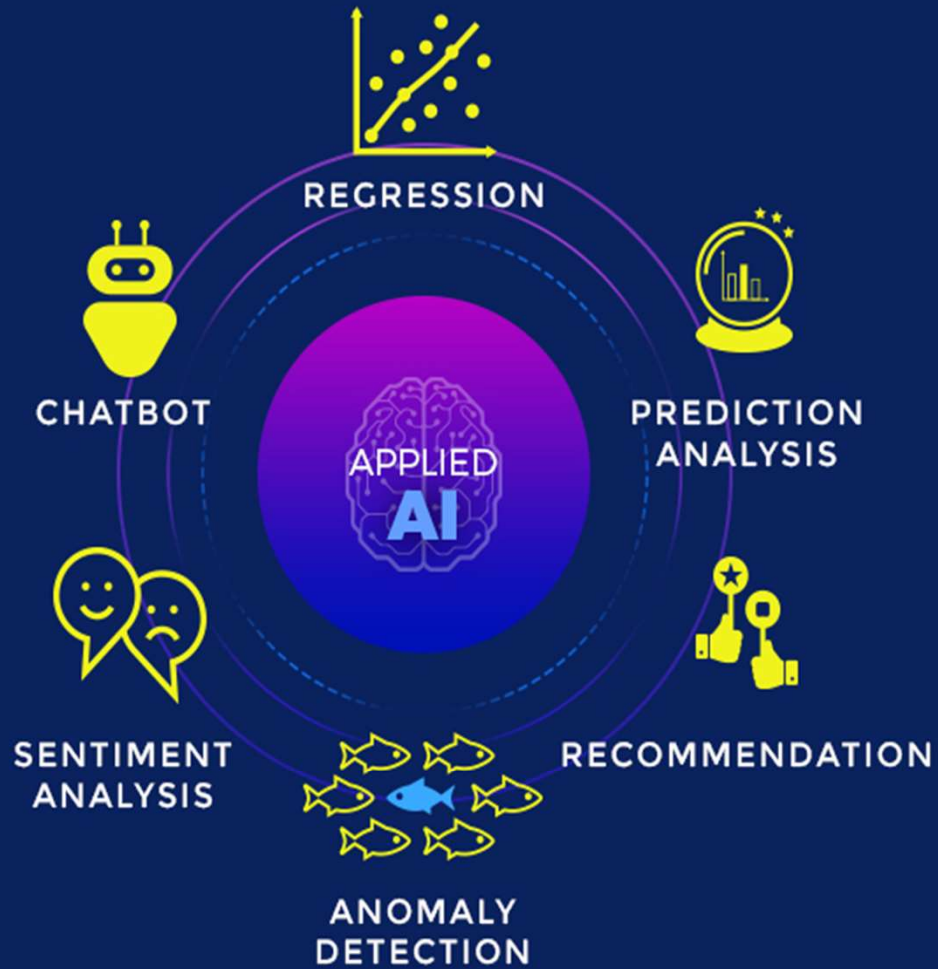
Legacy Apps

External Apps

42 API
GATEWAY

ShepHertz

AI SERVICES



AI Use cases

BOT

- Dialog – FAQ based
- Intelligent BOT - Free flowing Text/Voice interaction
- Support for Live Chat – Seamless Handover from Bot to live agent

Sentiment Analysis

- Social Media – Twitter, FB etc.
- Chat
- Competition & influencer analysis
- Metrics

Anomaly detection

- Outlier detection

Face Recognition

- Visitor Management
- Employee attendance
- Gesture recognition
- Intruder detection

Recommendation

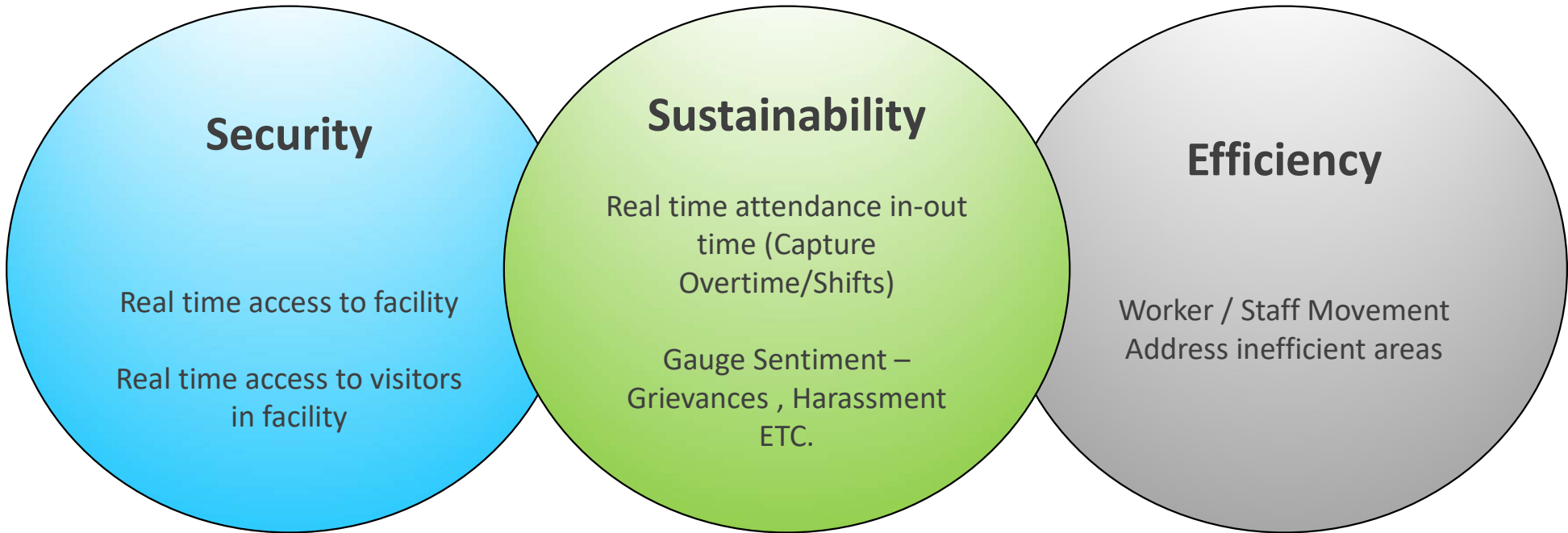
- User similarity
- Item similarity
- Content tagging
- Clustering

Prediction Analytics

- Propensity to buy/churn
- Customer Life time value
- Customer Segmentation
- Up and Cross selling
- Lead Scoring
- Improved content distribution
- Analyzing optimal campaign channels , content & time
- Document Automation
- Image Recognition

Classification

- Hyper Personalization



Security

Real time access to facility
Real time access to visitors
in facility

Sustainability

Real time attendance in-out
time (Capture
Overtime/Shifts)

Gauge Sentiment –
Grievances , Harassment
ETC.

Efficiency

Worker / Staff Movement
Address inefficient areas



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Thankyou