

# IMARECON<sup>®</sup> ES MAKING ENTERPRISES SMARTER APPLYING INNOVATION

STATE-OF-THE-ART IMAGE & VIDEO ANALYTICS  
POWERED BY NEURAL NETWORKS AND DEEP LEARNING ALGORITHM  
PROVIDING REAL TIME MONITORING & MANAGEMENT INSIGHTS



## “Enterprise Suite”

with

## Centralised Command Center

IMARECON<sup>®</sup>  
SECURE

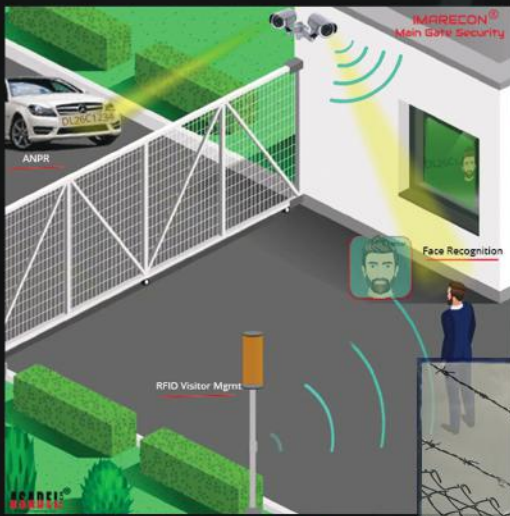
IMARECON<sup>®</sup>  
SAFE

IMARECON<sup>®</sup>  
RESOURCE

IMARECON<sup>®</sup>  
QUALITY

IMARECON<sup>®</sup>  
QUEUE

IMARECON<sup>®</sup>  
DIAGNOSTIC



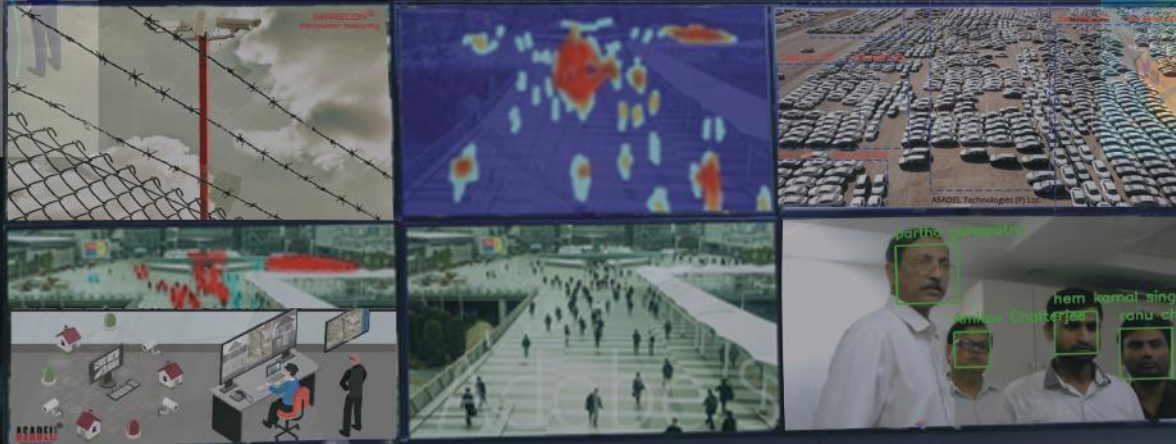
Secures boundaries from unauthorised entries with alarms & alerts  
 Monitors and alerts movement of people and material along perimeters  
 Automated monitoring of vehicle movement & number plate capture @ gate  
 Automated visitor management and tracking at Gate / reception  
 Automated management & tracking suppliers and sub-contractors

Face recognition based attendance system  
 Tracking employee movement  
 Automated capture and report machine & jig efficiency on daily basis  
 Automated monitoring of employee productivity (daily, weekly & monthly)  
 Accurate object & people counting  
 Detail analysis & report module



**IMARECON® SECURE**

**IMARECON® RESOURCE**



**IMARECON® ENTERPRISE SUITE**

**IMARECON® SAFE**

**IMARECON® QUALITY**



Automated capture and alarm/alert on missing 'safety helmet', 'safety jacket', 'safety boot'  
 Detecting accident and reporting including fall  
 Auto detection of loitering or entry in 'No Entry' / 'Unauthorised' zones with alarm / alert  
 Fire & smoke detection

**Camera based Artificial Intelligence Solution**

Automated quality check using fixed CCTV cameras to accurately detect & report exceptions in,  
 > defined color  
 > defined shape & size  
 > dimensions, etc.  
 Accurate estimation of area and volume of finished products either in shop-floor or store



# MORE FUNCTIONAL SPECIFICATIONS

EXPERIENCE THE RICH FUNCTIONALITIES OF EVERY MODULE POWERED BY FULLY TESTED ML/DL ALGORITHMS PROVIDING INTELLIGENT INSIGHTS FOR PREDICTIVE ANALYSIS.

IMARECON <sup>®</sup>	SECURITY	SAFETY	RESOURCES	QUEUE	QUALITY	DIAGNOSTIC
LICENSE PLATE RECOGNITION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VEHICLE COLOUR IDENTIFICATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VEHICLE CLASS IDENTIFICATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INTEGRATION WITH RTA DATABASE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VEHICLE SPEED DETECTION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONGESTION DETECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VEHICLE COUNT (LANE-WISE)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VEHICLE COUNT (DIRECTION-WISE)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VEHICLE TRACKING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
STATIC VEHICLE IN ZERO CONGESTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PARKING LOT MANAGEMENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ACCIDENT DETECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ILLEGAL PARKING & WRONG-WAY DET.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HEADCOUNT IN QUEUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WAIT TIME IN QUEUE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
QUEUE SERVICE TIME	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CROWD FORMATION ALERT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ATTENDANCE SYSTEM (FACE RECOG.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VISITOR & EMPLOYEE TRACKING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AUTHENTICATION USING FACIAL BIOMET.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COUNTING OBJECTS & PEOPLE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
NO HELMET, JACKET, BOOT DETECTION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERIMETER & BOUNDARY CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INTRUSION DETECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LOITERING ALERT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SMOKE DETECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ORAL CANCER SCREENING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SCREENING THORACIC DISEASES (CXR)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SKIN CANCER SCREENING (IMAGES)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Other Product from ASADELTECH<sup>®</sup>

## ISOSU<sup>®</sup> ENTERPRISE SUITE

AN ENTERPRISE COMMAND & CONTROL APPLICATION WITH WOMEN & PERSONAL SECURITY APP CAPABLE OF TRACKING, MONITORING AND RESPONDING TO EMERGENCIES IN REAL TIME.