

Intelligent Video Analytics

Quantiphi's Computer Vision-based Intelligent Video Analytics Platform provides near-real-time situational awareness and forensic video analysis integrating with video management systems and on-premise cameras leveraging computer vision technologies



Quantiphi Has been recognized as an IDC Innovator in AI services. Our engagement model takes clients from ideation to pilot to production applications to a enterprise-grade scalable model for AI solutions



Quantiphi has been rated a LEADER in The Forrester New Wave™ Computer Vision Consultancies, Q4 2020 in terms of strategy & breadth of offerings.

Applications of IVA

**Automated Video Surveillance.**
Manual monitoring of live-video streams is effort-intensive, causes fatigue to operators, and is often a reactive approach to solving safety and security issues.

**Safe & secure premises.**
Detection of specific and context-heavy instances like an intrusion, tracking a person of interest, identifying suspicious behaviour is limited by current technology and needs.


**Positive visitor experiences.**
With the opening of large recreational premises, theme parks and stadiums - crowd management, analysis of social-distancing compliances while maintaining a positive visitor experience is now a necessity.

**Improved operations & workforce management.**
Manually inspecting assets and machinery spread around the premises for anomalies & defects is time-consuming and prone to human error. Missing out on these results can result in significant downtime, loss of reputation and, in severe cases - life-critical situations.


Quantiphi IVA Capabilities

Intelligent Surveillance


Safety & Security



Unsafe Behaviour




Suspect Search




Distress Detection

Crowd Compliance




Person Tracking




Forensic Analysis


Customer Experience




Wait Time Analysis




Wait Time Prediction




Abandoned Objects




Suspicious Behaviour




Intruder Detection



PPE Detection



Social Distancing




Visitor Churn




Footfall Forecasts

Intelligent Operations


Workforce & Capacity Management




Workforce Management



Fleet Management




Capacity Evaluation and Optimization




Parking Management

Visual Asset Inspection




Asset Quality Assessment & Prediction




F&B - Waste Management

Inventory Management



Inventory Accounting



Barcode Scanning & Order Validation

Features:



Edge / Hybrid Cloud



Integration with VMS



API Based applications



Metadata Enrichment for video feeds



Real time and Batch processing

Applications of Intelligent Video Analytics



Safety & Security



Crowd Compliance



Customer Experience



Intelligent Operations

Safety & Security

Suspicious/ Unsafe Behaviour(Crowd)



Abandoned Objects



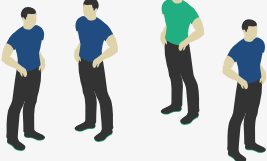
Intruder Detection



Customer Safety & Preventive Maintenance



Person Tracking & Contact Tracing



Suspicious/ Non-registered Vehicle Detection.

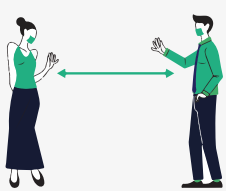


Crowd Compliance

Congestion Detection



Social Distancing



PPE & Mask Detection



Customer Experience

Parking Management



Queue Wait Time Analysis

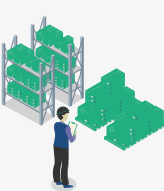


Customer Churn & Footfall prediction



Intelligent Operations

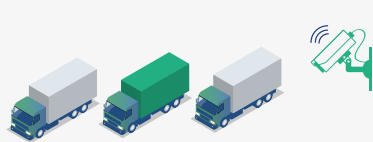
Inventory Accounting



Workforce planning



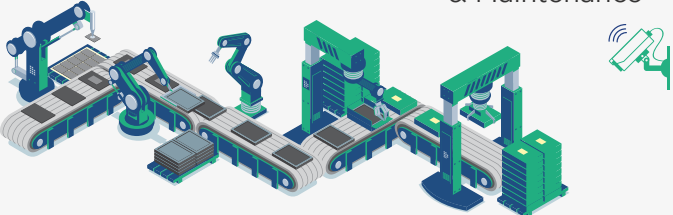
Fleet Management



Barcode Scanning & Order Management



Asset Quality inspection & Maintenance



Leveraging Intelligent Video Analytics to solve multiple use-cases in large theme parks, stadiums and data centres.