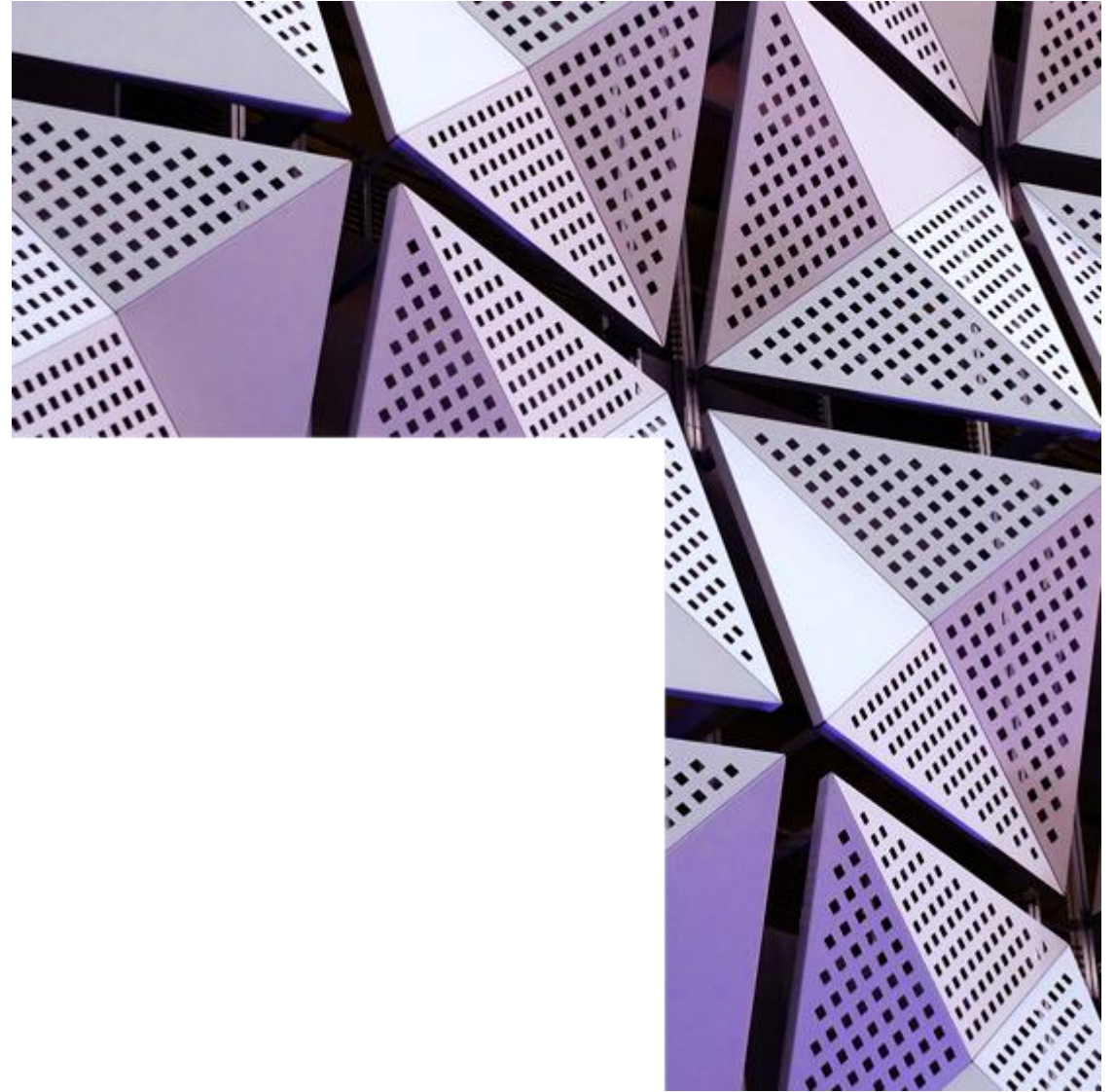


Introduction to CGI Machine Vision IP



Machine Vision Capabilities

Track the water level

Asset Monitoring

Continuous automated inspection of infrastructure



Follow the car

Object Tracking

intelligent tracking of moving objects in complex landscapes



Build model of bridge

Digital Twins

Automated construction of digital twins from drone footage



Track the woman in front

People Dynamics

Intelligent differentiation of individuals in crowded spaces



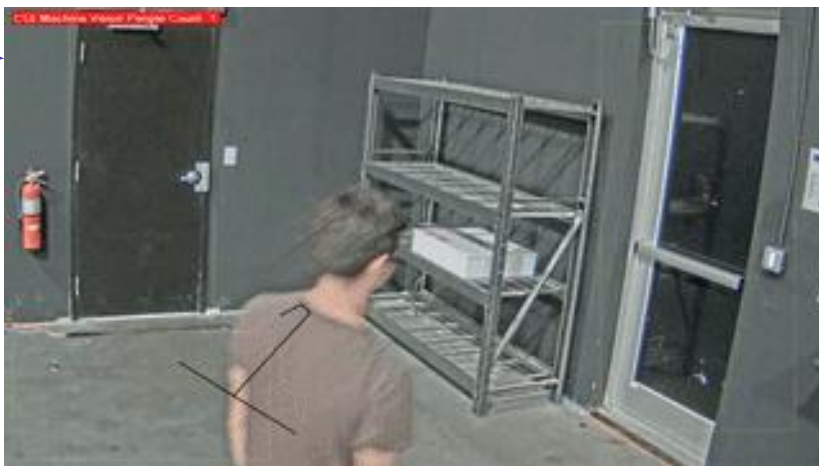
→ The new frontier – Generative AI for Vision

Machine Vision Capabilities

Track the man in the brown t-shirt

Multi-Object Tracking

Tracking of individuals despite occlusion and leaving the space



Check for safety clothing

Safety Monitoring

Identify if workers are complying with safety measures / space



Track the bowler

Virtual Coach

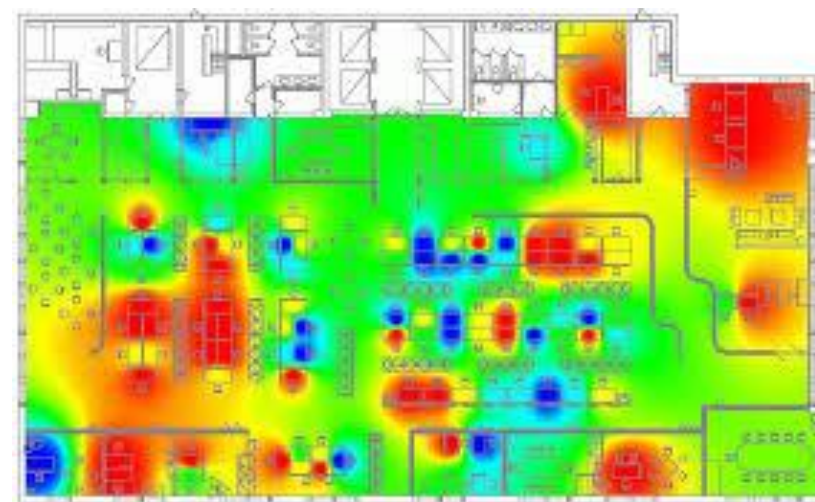
Assessment of sports performance and coaching to improve technique



Monitor dwell time

Interest Analytics

Heatmaps to determine dwell time in commercial spaces



→ The new frontier – Generative AI for Vision

Machine Vision Capabilities

Monitor the gas burn

Flare Monitoring

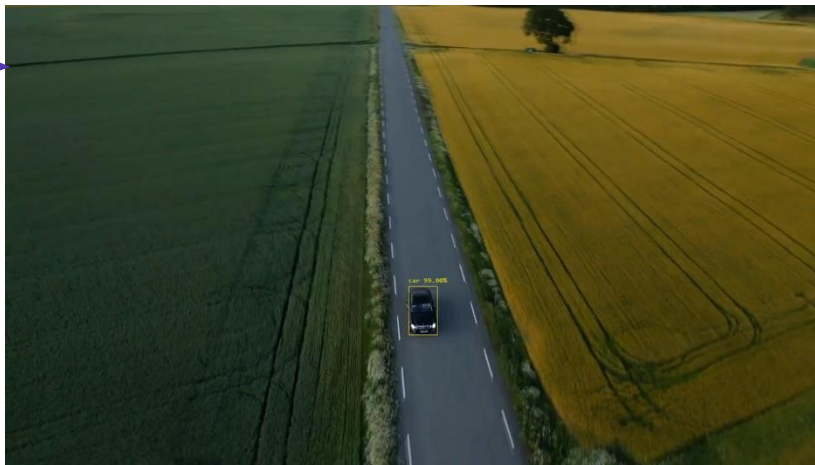
Tracking gas burn and other pollution sources



Follow the car with a bounding box

Targeted Tracking

« Follow the car »



Identify what you can see

Dynamic Asset Discovery

Real-time ID of assets from moving camera



Track the cats

Track

« Track the cats »



→ The new frontier – Generative AI for Vision

Machine Vision Capabilities

Natural Language

Real Time

Communication with the model using natural language

Hidden object detection

High accuracy

Tracks multiple partially hidden objects

Identify what you can see

Dynamic Asset Discovery

Real-time ID of assets from moving camera

Multi mode

Object > Pose

Dynamic realtime model shifting



→ The new frontier – Generative AI for Vision



Video
streams



IoT
networks



Environmental
sensing

Summary

Machine Vision is a transformational generative-AI solution that is changing the economics of how companies see and monitor their world

Deep Knowledge

through machine learning of millions of images

Business Insights

not possible through traditional monitoring solutions or human inspection

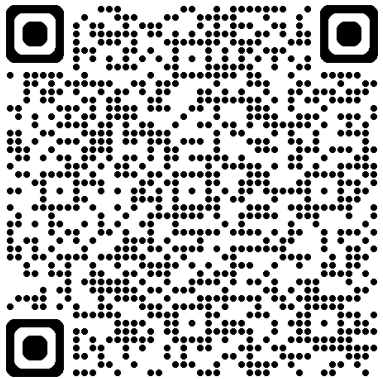
IoT Enabled

Compatible with most device and sensor standards

Real Time

Edge technology embedded at point of monitoring

Machine Vision – Resources & Links



CGI Solution
Page

[CGI Machine
Vision Solution
Description](#)

Published
Overview

[CGI Machine
Vision Solution](#)

Press
Releases

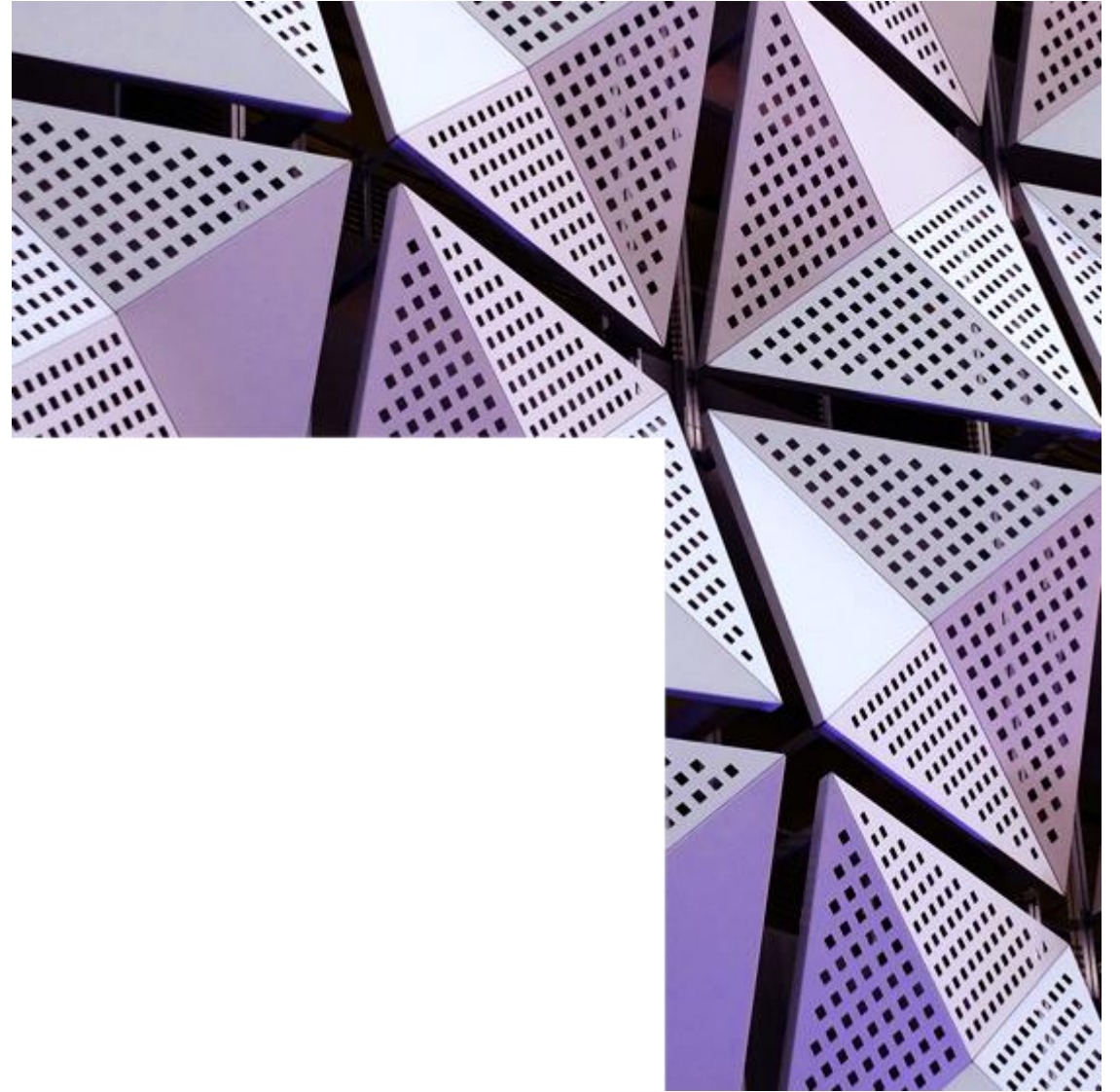
[Press Release](#)

Videos

[Overview
Video](#)

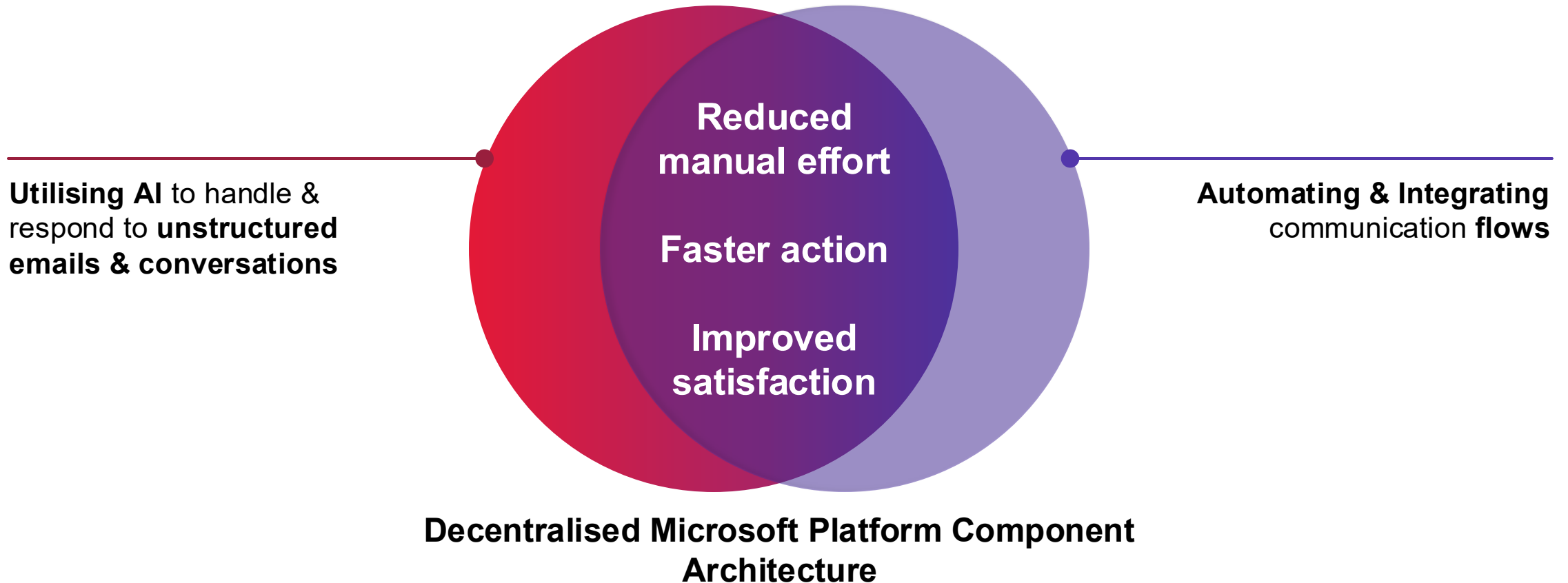
Introduction to CGI Intelligent Modular Agent

CGI



CGI Intelligent Modular Agent

Agentic solutions that leverage your Power Platform investment



Enables building POCs in days not months

CGI Intelligent Modular Agent in customer service

