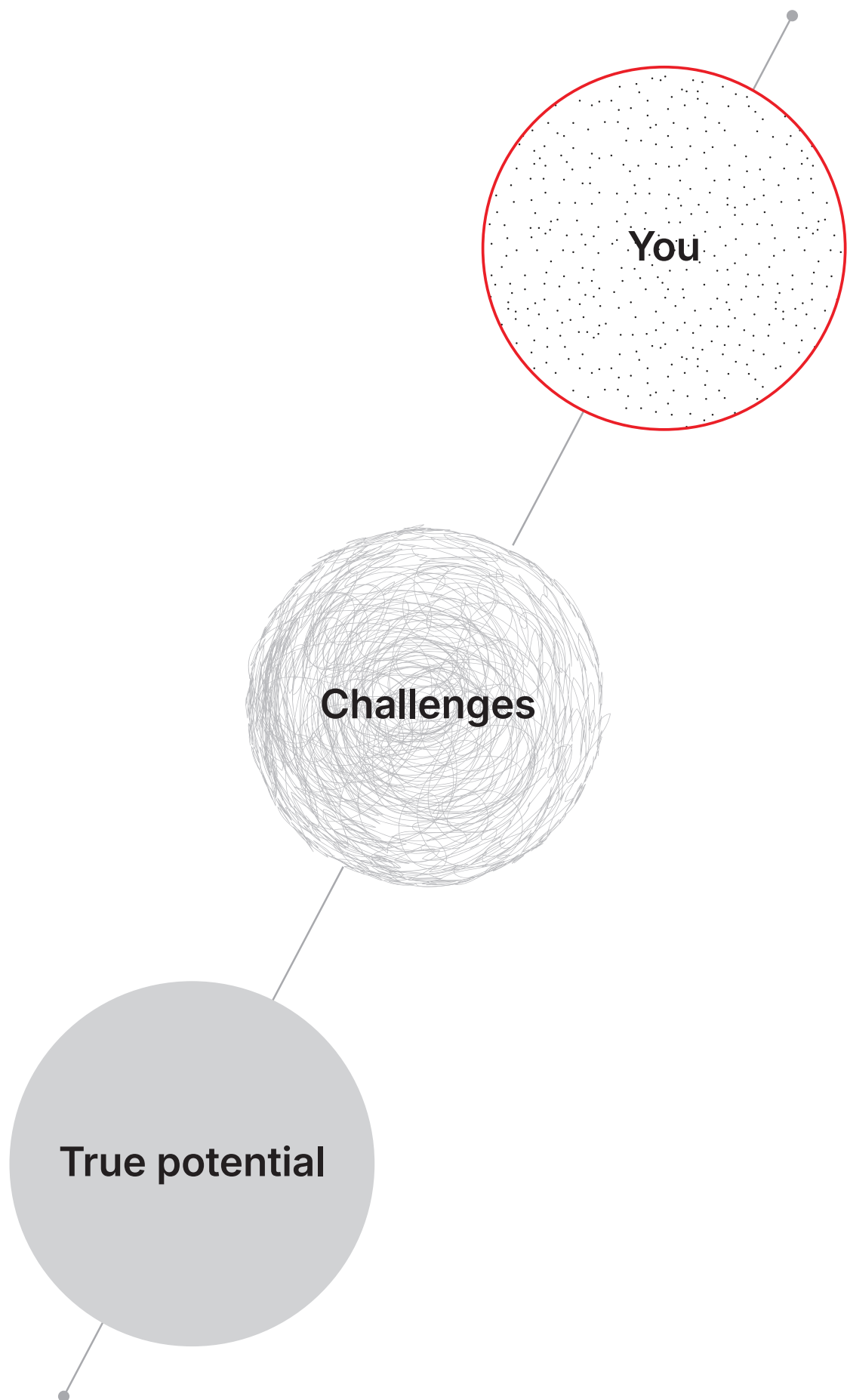


SEE BEYOND VISION



About Us

*Your **growth potential**, revealed*

The future is limitless, opportunities are infinite and so should be your vision. WebOccult helps businesses to see beyond the usual vision, break free from the constraints of the ordinary, and seize the extraordinary possibilities offered by AI.

We create solutions that challenge the status quo and drive industrial transformation. For us, it is not just about creating AI solutions, it's about unlocking your real potential.

AI Vision Solutions

Computer Vision | Machine Vision | Edge AI

Real-time Image & Video Analytics



Object Detection & Tracking: People, vehicles, tools, or products



Event Detection: Falls, intrusions, loitering, fire, smoke, spill, leakage, theft, etc.



Anomaly Detection for Quality & Operational Monitoring



Zone Monitoring & ROI Analysis: Entry/exit, dwell time, or safety compliance

Machine Vision Automation



Automated Inspection: Surface Defects, Label and Barcode readings



Production Line Monitoring and Throughputs Measurement



High-Precision measurement and gauging solutions



Vision-based robotic guidance & alignment



Integration with factory automation tools: PLC, Conveyors, Robotic Arms, Printers, Stamping Machines, Scanners, Actuators and more.

Computer Vision Consulting



Use-case discovery and ROI-focused solution mapping



Domain-Centric Strategy planning



Computing devices, Camera and Hardware selection and deployment advisory



Toolchain & Technology Advisory

Vision System Design & Integration



End-to-end Solution Architecture: Cameras, Lighting, Processing devices, Sensors & IO signals.



Integration with industrial systems: PLCs, SCADA, MES, ERP



Proof-of-Concept (POC) development & Feasibility checks

Dataset Services



Data Collection & Acquisition



Annotation tools: Manual, semi-automated, and AI-assisted



Synthetic data generation (photorealistic and domain-randomized)



Custom Ontology & Taxonomy Design

ML Model Training & Optimization



Custom AI models: Object detection, Classification, Segmentation, Recognition, OCR, Emotion, Pose Estimation and Anomalies.



Model Fine-tuning



Model version control with MLOps integration



Automated Model Training Pipelines



Hardware-aware model optimization - Model Pruning & Quantization

Deployment at Edge (Edge AI)



Deployment on industrial cameras & edge devices (Jetson, Ambiq, ARM SBCs)



Model Compression & Optimization - TensorRT/ONNX for faster inference



Embedded vision on ultra-low power microcontrollers



Remote orchestration and OTA (over-the-air) updates for edge devices



Offline and low-latency processing for bandwidth-limited environments

Monitoring and Alerting Mechanisms



Visual dashboards for KPIs (e.g., defect rate, footfall, production flow)



Real-time alerts via PLC, Emails, IO Signals or APIs



Trigger-Based Hardware Integration to Activate buzzers, lights, etc.



Historical trend analysis and predictive insights

Vision Software Platforms & SDK



Vision pipelines building using Low-code/no-code tools



SDKs and APIs development in Python, C++, REST



Data sync and export to BI tools, CSV, or SQL



Deployment on Cloud and On-Premise



Windows, Linux and Mobile applications

Security, Privacy & Compliance services



Regulatory compliance guidance (FDA, CE, GDPR, etc.)



Encryption for data at rest and in transit



Role-based access control (RBAC) Standard deployments



Privacy techniques: Face blurring, object masking



Support for on-premises, hybrid, and sovereign cloud deployment

Industry-wise use cases

Full spectrum solutions across industries

Manufacturing

AI-powered quality control can reduce defects by **up to 50%**



Defects control



Packaging quality control



Worker safety monitoring



Hazard detection



Batch monitoring system



Production line monitoring



Real time occupancy



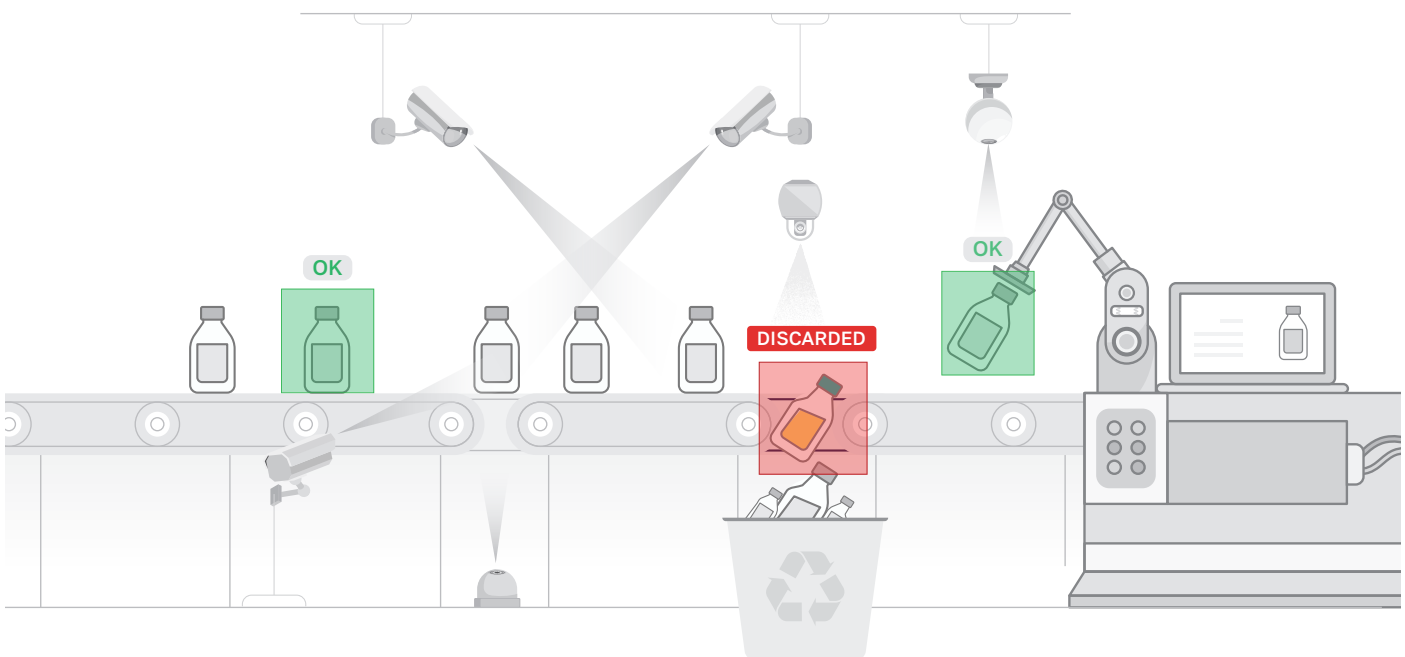
Staff entry validation



Restricted area control



Parking twin



Track presence, monitor productivity & optimize workforce allocation

Simulate different factory scenarios with digital twin

Detect and alert personnel to potential hazards like fires, smoke



Industry-wise use cases

Transportation

Automated number plate recognition can process vehicles **up to 10 times faster** than manual methods



Container OCR



Unauthorized vehicle access



Number plate scanner



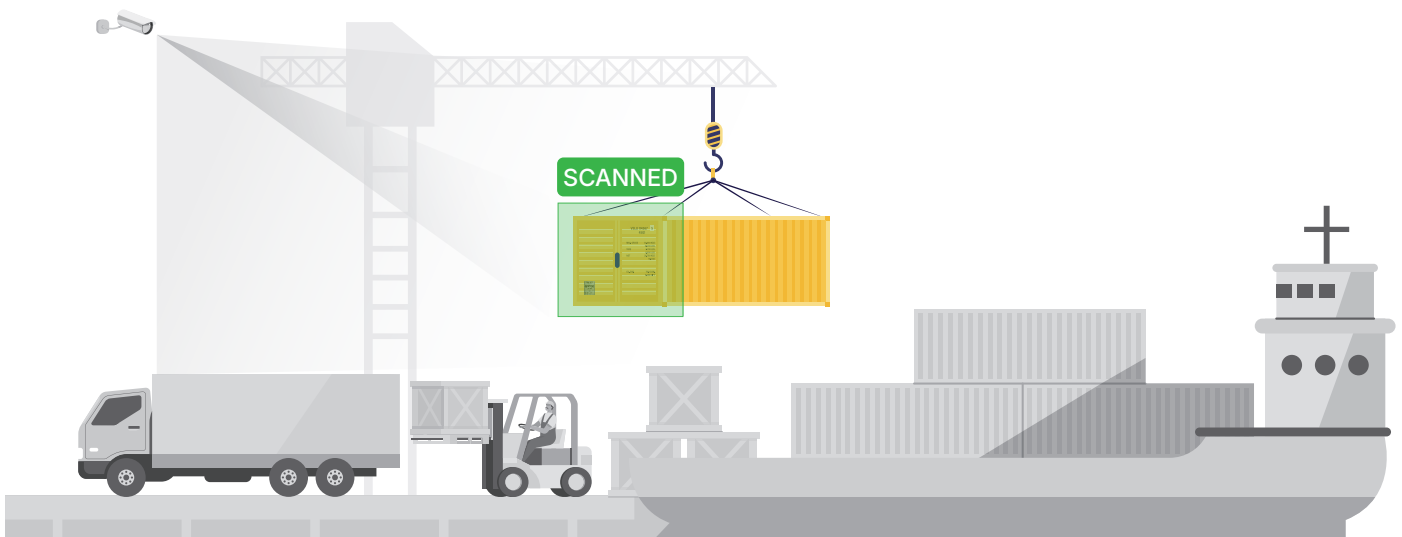
Parking twin



Warehouse digital twin



Real time inventory tracking



Real-time detection of unauthorized vehicles
& potential security threats

Accurate identification
and tracking of containers

Faster response times
and reduced bandwidth
requirements



Industry-wise use cases

Retail

AI-driven customer behavior analysis can increase customer lifetime value by **up to 30%**



Unique people counting



Staff management



Theft identification



Product placement optimization



Customer behavior pattern



Energy consumption optimization



Storage rack management



Product visual search



Gain valuable insights for improving marketing strategies and product offerings

Automate inventory tracking, optimize stock levels, and prevent stockouts

Analyze customer preferences for personalized recommendations



Industry-wise use cases

Government

AI-powered disaster relief coordination can reduce response times by **up to 60%**



Highway potholes/animals monitoring



Wildlife, deforestation, pollution monitoring



Bridge, roads, dams damage inspection



Railway track monitoring for individual/animals



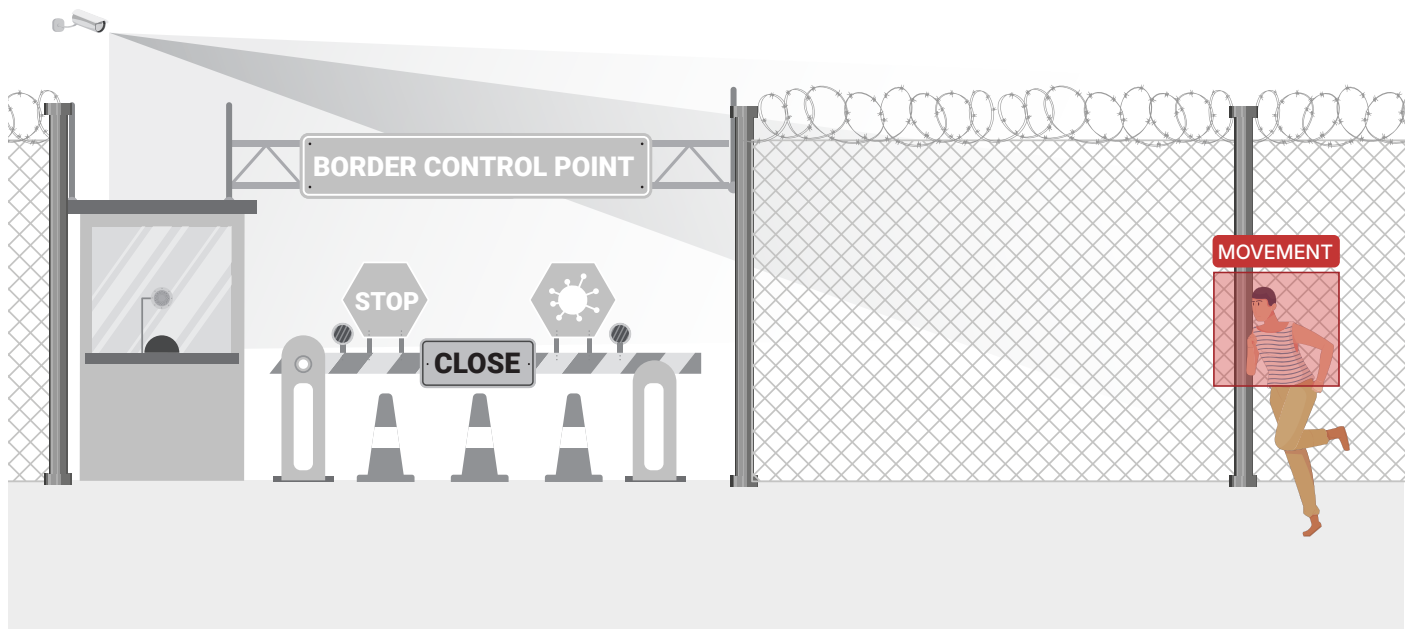
Relief effort coordination



Traffic monitoring



Border surveillance for activity



Identify potential criminals with facial recognition

Optimize irrigation and fertilization based on real-time data

Analyze historical data, simulate scenarios & develop response plans



Industry-wise use cases

Education

AI-powered student activity monitoring can improve student engagement by **up to 40%**



Auto attendance



Attention measurement



Student activity monitoring



Teacher behavior monitoring



Weapon detection



Identify AOI & provide real-time feedback

Analysis of student behavior patterns

Automate administrative tasks like attendance



Industry-wise use cases

Banking & Finance

Automated KYC solutions can reduce onboarding times by **up to 80%**



Signature validation



Document OCR



Automated KYC



Anti-money laundering



Theft prevention



Branch staff optimization



Access control



Accurately verify customer identities and prevent fraud

Analyze customer data to make informed decisions

Automate customer onboarding processes & reduce paperwork



Industry-wise use cases

Heavy Equipment

AI-based unauthorized machinery operation alerts can reduce accidents by **up to 40%**



Machine utility tracking



Unauthorized machinery operations alerts



Cargo management



Material handling



Traffic flow optimization



Safety monitoring



Analyze equipment movement patterns and optimize traffic flow

Track the location and usage of machinery

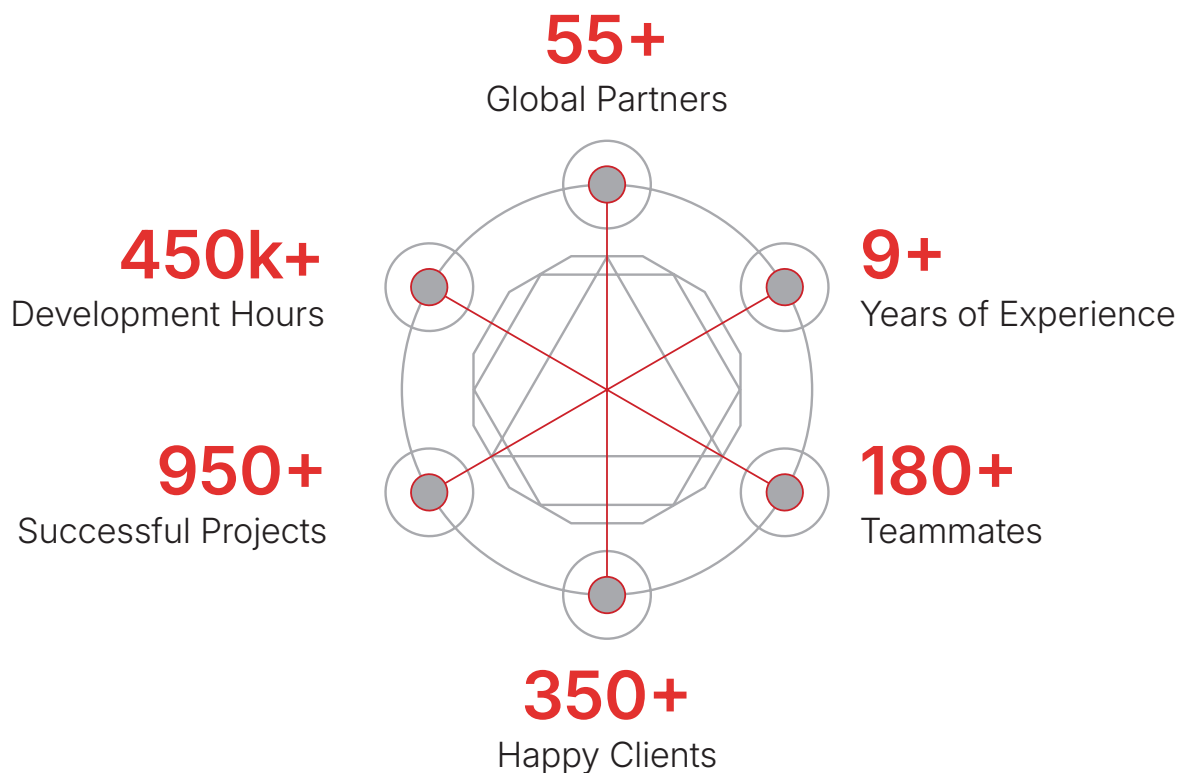
Get alerts on unauthorized usage



Experience

How we have *led so far*

Trusted by clients from around the world, we're backed by a team with an appetite for innovation. Our thrill for discovery helps businesses make data-driven decisions at the right time.



Team

Company Key Members



Ruchir Kakkad
Executive Director



Disha Joshi
Managing Director



Bhumini Vadhania
Business Director



Hardik Sonchhabda
COO



Parth Talaviya
Microsoft Dept.

Business Partners



Smit Khant
USA



Kota Harada
Japan



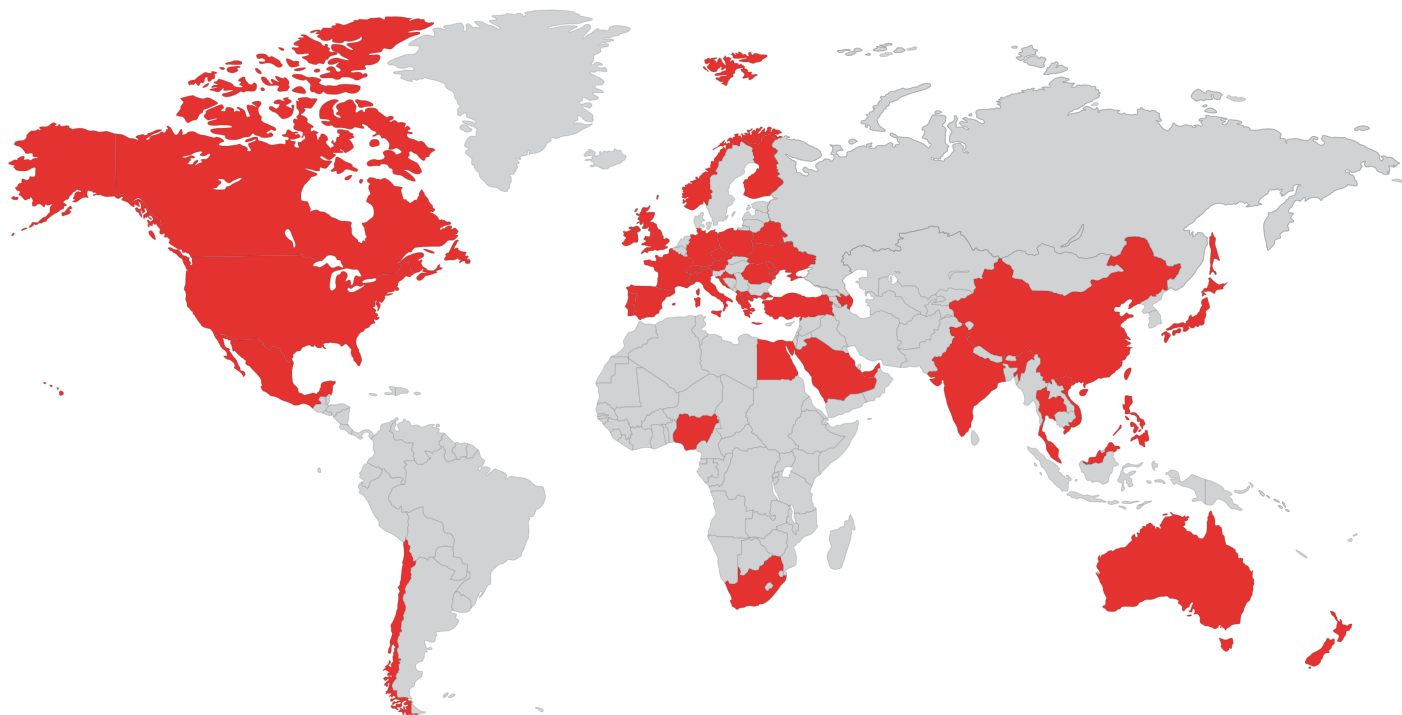
Antonio Di Ninno
Italy



Pieter Meyer
USA

Global footprints

We *shape innovation*, globally



Clients

Trusted by *leading innovators*

Partners

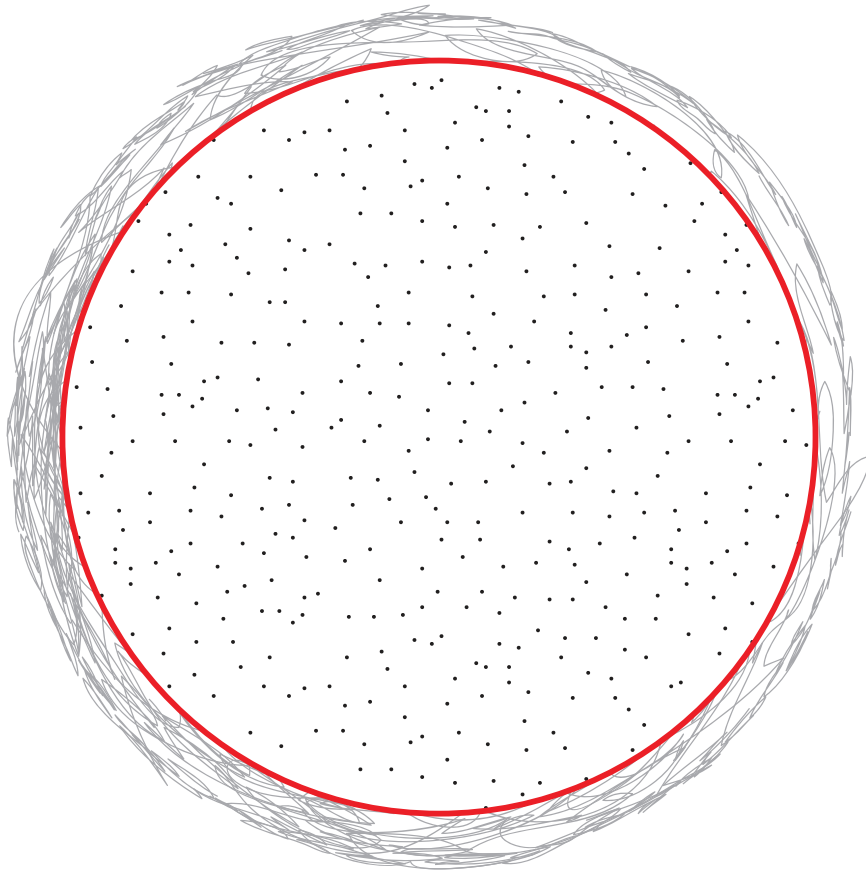
Associated with *industry leaders*

The outcome

Blending technology with thoughtful strategies, we specialize in using AI-powered insights, analytics, and data to help your business grow. Our mission is simple - to steer you toward success by helping you make informed decisions as you see beyond vision.

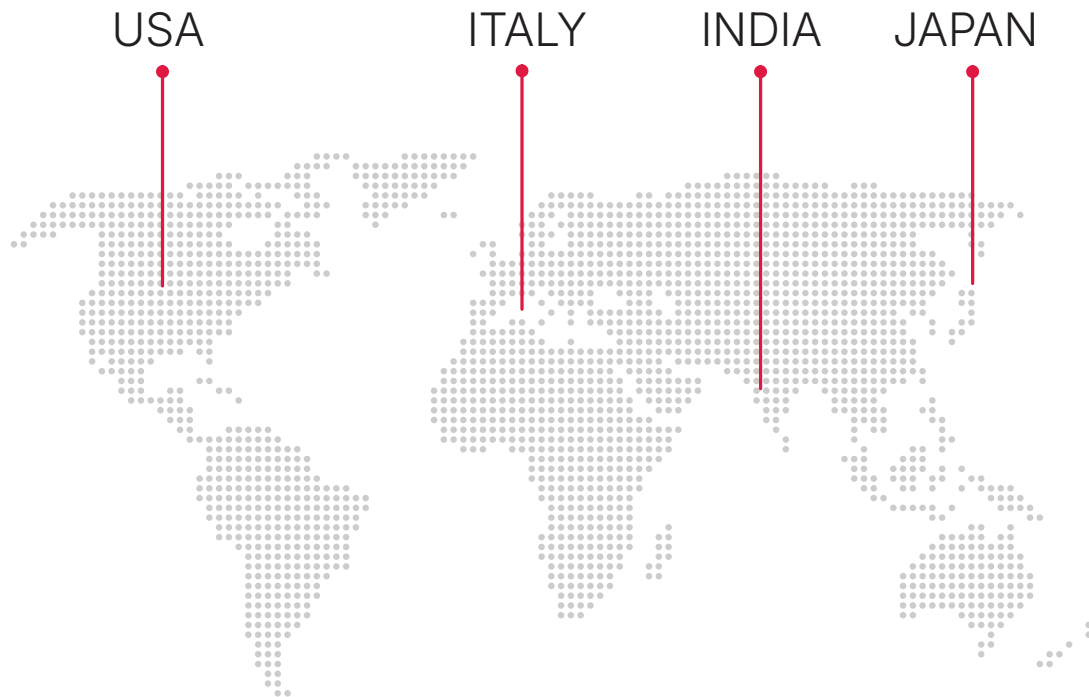
Every move we make is grounded in data and past insights, allowing us to predict the best course of action for your business. From there, we work closely with you, step by step, to turn those plans into reality and ensure that your goals are achieved effectively.



***We are WebOccult,**
your view-gallery in the digital cosmos.*

The **future of vision** is here.

Stay informed.



Global Presence



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Global Delivery & Research Center



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