COUNT AI

Pioneering the Future of Manufacturing with AI

We partner with manufacturers to eliminate defects, enhance quality, and boost production efficiency.

WHO WE ARE

CountAI is a deep-tech computer-vision company powering real-time manufacturing intelligence.
We empower global enterprises to transform operations through precision AI and edge-vision systems.

Our leadership brings 30+ years of hands-on experience building and deploying real-time AI systems in:

Autonomous Cars
Object detection, navigation, low-latency inference

Medical Imaging
Diagnostic precision, anomaly detection, signal integrity

People Analytics
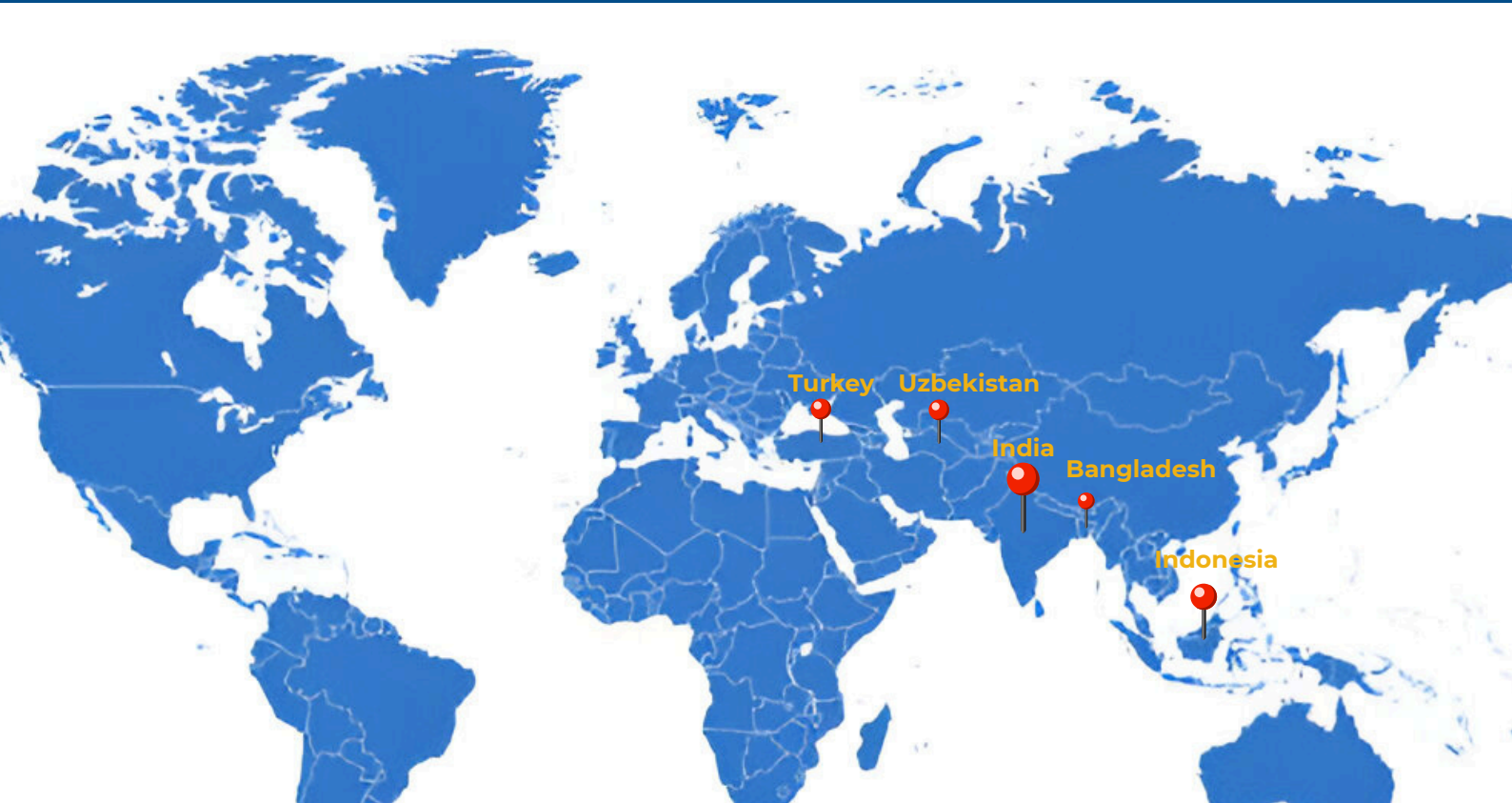Real-time tracking, behavior mapping, anonymization

Industrial Vision
Defect prevention, safety monitoring, and factory floor automation

Our Experience & Deployments: 500+ vision systems deployed across 5+ countries

What Sets Us Apart?

- **Real-Time Edge AI:** Ultra-fast decision-making without cloud latency
- **Built for Scale:** Our vision systems handle millions of frames per day
- **Proven in Industry:** Deployed across manufacturing units in India, Turkey, Bangladesh, and Uzbekistan
- **In-house Vision Pipelines:** Easily adapted to video and image data
- **Privacy-First Architecture:** GDPR-compliant, non-invasive vision tracking

OUR CORE EXPERTISE:

AI + Computer Vision
- Real-time precision & predictive analytics
- Self-learning defect detection
- Operator feedback loops

Big Data & Edge Processing
- High-speed image processing at the edge
- Industrial data-lake integration
- Secure, low-latency infrastructure

Industrial-Grade Engineering
- Rugged hardware for harsh environments
- Retrofit onto existing equipment
- Minimal maintenance, maximum uptime

PROVEN IMPACT

Trusted by Global Enterprise Leaders

OUR FLAGSHIP PRODUCT – KNIT-I

- Detects 25+ defect types in real time
- Autonomously prevents defective fabric
- Minimal human intervention
- Proven in 5+ countries

Turkey site prevented **100+ rolls** of defective fabric in **3 months**

Bangladesh plant improved output by **18%** and achieved ROI in under 5 months

BEYOND KNIT-I

- Yarn Quality Inspection
- Cop Color Sorting
- Safety & Production Monitoring
- Inspecting over 0.5 million cones daily

WHY PARTNER WITH COUNTAI?

THE ENTERPRISE ADVANTAGE

- Proven Deployments Across 3 Continents
- Scalable & Cost-Efficient AI Infrastructure
- Deep Domain & Engineering Expertise
- Customizable to Any Manufacturing Workflow
- Fast Iteration & Local Support