

# How Zenith Arabia AI helps Saudi Arabia to use AI to Cut Visual Pollution and Restore Beauty public sector

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Computer Vision: Clearing the View



# Clearing the View: How Zenith Arabia AI helps Saudi Arabia to use AI to Cut Visual Pollution and Restore Beauty public sector

## Use Case Overview:

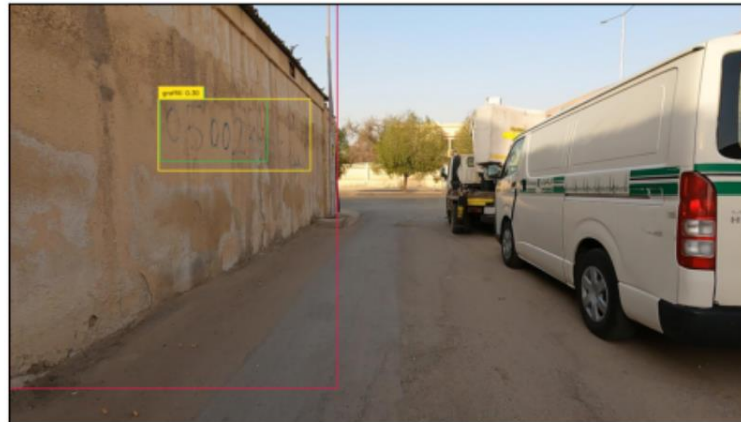
In Saudi Arabia's lively cities, visual distortion is a significant issue. Visual pollution, arising from waste, advertisements, deteriorating buildings, and more, adversely affects citizens' well-being and the environment.

Our solution incorporates advanced technology. We utilize Computer Vision, a sophisticated tool, to rapidly identify and address these visual problems. In doing so, we assist governments in more than just cleaning up the city – we're elevating the essence of urban life, safeguarding culture, and preserving nature for future generations.

Original



Annotated



Masked



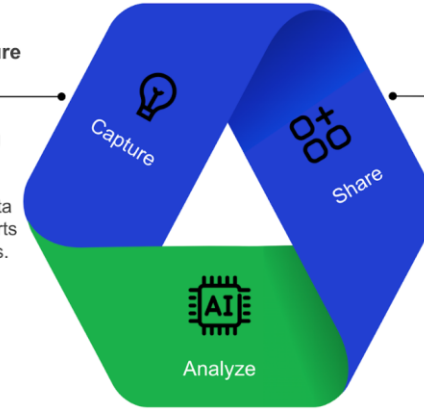
## Challenges/Pain Points:

- Manual identification of these visual pollutants is inefficient due to the lengthy time it takes to detect and notify the team about these issues.
- Visual pollution can affect the physical and mental health of people who come into contact with it.
- Visual pollution can distract drivers and endanger pedestrians. It also hurts the beauty of the city and has a negative impact on tourism.



### Automatic and Manual Capture of visual distortion points

- Automatic visual pollution monitoring through mobile mapping and hand observation techniques
- Establishing a geographical information system for collected data and managing visual pollution reports and following up on their fulfillments.

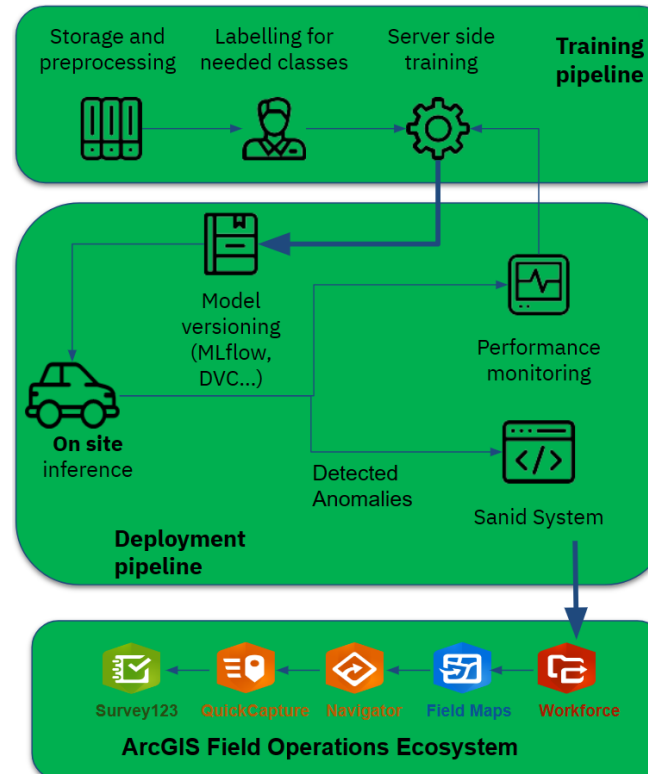


### Issuing Reports and Performance Metrics

- Process and analyze data from monitoring and creating visual pollution reports
- Analyze geospatial data and create dashboards

### Create AI models to extract features & objects

- Applying AI technologies to automatically identify visual pollutants



## Solution:

Our innovative solution leverages state-of-the-art Computer Vision technology, coupled with AI models and GIS databases, to tackle visual distortion effectively. Here's how our approach works:

## Benefits:

**Comprehensive Approach:** We provide a One Stop Shop for Enterprise AI Solutions, eliminating the hassle of managing multiple components and providers.

**A Better Image:** we make Saudi Arabia more attractive to visitors, investors, and residents.

**Improved Quality of Life:** Creating a pleasant environment enhances physical, mental, and social health, ensuring the well-being of citizens.



التشوهات البصرية

اصول الطرق

- الشوارع و الطرق
- اعمده الازم
- لوحات الارشادية
- الارصفة
- ممر صناعي (مطلب)
- منازل الشوارع
- الحاويات
- اللوحات الاعلانية

التشوهات البصرية

الموقع

المدينة	اسم الاصل	نوع الاصل	موقع الاصل	الوصف	حاله الاصل

الرئيسية  
الاصول  
المشاريع  
التشوهات البصرية  
جدول المعاينات  
خطة المدينة  
لوحة مؤشرات الاداء  
التقارير



A light blue network diagram with nodes and connecting lines is visible in the background. On the right side, there is a large blue rounded rectangle containing a white stylized logo that resembles the letters 'ai'. A green semi-circle is partially visible at the bottom right corner.

## Contact us

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**Book Your FREE Consultation now**

[Calendly - Zenith Arabia AI Sales](#)