



EMPOWERING INTELLIGENCE  
DELIVERING SOLUTIONS

***Precision***  
***Innovative***  
***Perpesctive***



**AI BASED**  
**MACHINE VISION**  
**SYSTEM**

**CVIT SOLUTION PVT LTD**

[www.cvit.in](http://www.cvit.in)



# About Us

At CVIT Solution, we are dedicated to pushing the boundaries of computer vision to address critical challenges across various industries. We specialize in developing cutting-edge computer vision applications that harnessing the power of Artificial Intelligence, we enable businesses to automate tasks, gain valuable insights from visual data, and create innovative applications that were once considered impossible.

# Our Vision

Our vision is to be at the forefront of innovation, leveraging the potential of computer vision to solve complex problems. We believe that computer vision has the capacity to transform industries and create safer, more efficient, and intelligent systems.

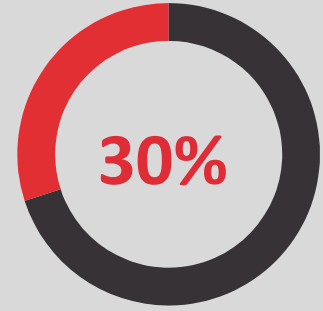
# Customer Benefits



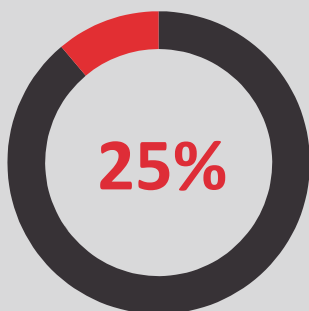
Inspection Accuracy



Increased Production Efficiency



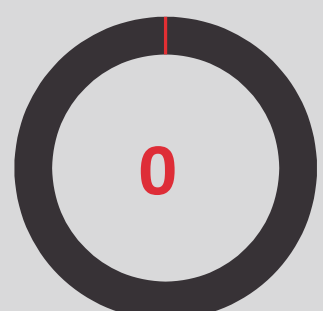
Labour cost saving



Minimise Downtime



Faster Inspection Speed



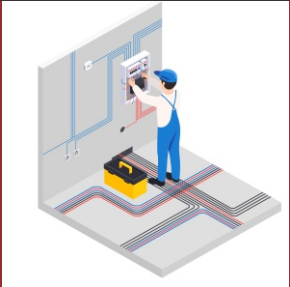
Nil defect free industry



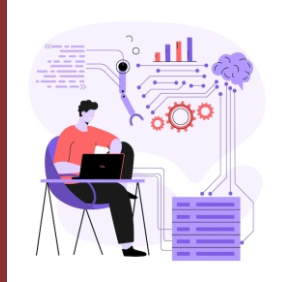
# Our Experties

We are a customize solution provider  
where we takes responsibility of

Complete Design,  
Supply and installation  
of hardware



Development of  
customise AI algorithm



Integration with plant  
machinery and servers



AMC



# Our Features



Accuracy –  
True Positive – 99%  
False Positive – 1%



Integration  
with existing  
machinery for  
rejection.



Operating temp –  
0 to 50 Degree  
Celsius



Operating  
Time- 24x7



Alert generation  
through  
alarm,mail,SMS  
after defect  
detection



Automated  
Inspection  
Report  
generation

*Artificial  
intelligence  
is the science  
and  
engineering  
of making  
intelligent  
machines,  
especially  
intelligent  
computer  
programs.'*

*- John McCarthy,  
father of AI*

# Our solution for automobile industry

1. Part Inspection presence/absence
2. Assembly Verification
3. Robotic Guidance
4. Paint Quality Inspection
5. VIN (Vehicle Identification Number) Reading
6. Sealant Inspection
7. Tire Inspection
8. Welding Inspection
9. Dimension Measurement
10. Pre-Dispatch Engine Inspection
11. OCR (Optical Character Recognition) punch numbers.
12. Barcode Reading
13. Part Counting
14. Kit Inspection
15. Temperature Monitoring
17. Piston Inspection
16. Human action recognition
17. Restricted are person detection
18. Customise vision solution



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## CVIT SOLUTION PVT LTD

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*We are available on following platforms -CVIT SOLUTION*

