

TeleEye

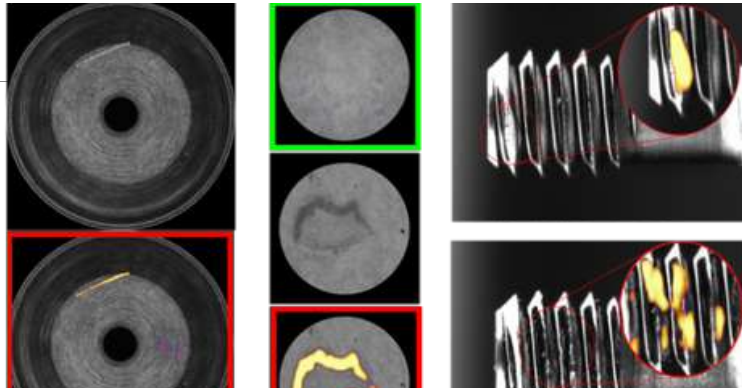
YOUR AI-SOLUTIONS PARTNER

INTELLIGENT VIDEO TECHNOLOGY
REVOLUTIONIZES THE WAY
WE SEE THINGS

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VIDEO INTELLIGENT SOLUTION WITH AI TECHNOLOGY



Visual Defects Finding

- Advanced AI defect detection for complex productions should identify various types of defects, distinguishing critical from non-critical ones.
- AI-based surface defect inspection accurately and reliably addresses complex surfaces, cosmetic flaws, and surface conceptualization.
- Failure analysis to identify a component's flaws and causes of failure.



Safety Reassurance

- Advantages of decreasing human error in door operations, especially in inclement weather.
- Safety of individuals operating doors is improved
- Lower probability of property damage
- Enhanced efficiency in door operations



Early Threat notification

- Monitor areas continuously and immediately identifying any suspicious activities related to robbery or theft.
- AI algorithms can be fine-tuned to minimize false alarms by distinguishing between regular activities and actual security threats



Early Detection of Abnormal Discharge in Drainage system

- Swiftly pinpoint and flag any unusual discharges of pollutants in sewage to avert contamination of natural streams, groundwater, or even oceans, in order to prevent the spread of harmful substances.



Anti-Shoplifting Alert

- AI can analyze customer and employee behavior to identify suspicious or unusual activities. For example, it can detect patterns such as loitering, sudden movements, or frequent visits to restricted areas.



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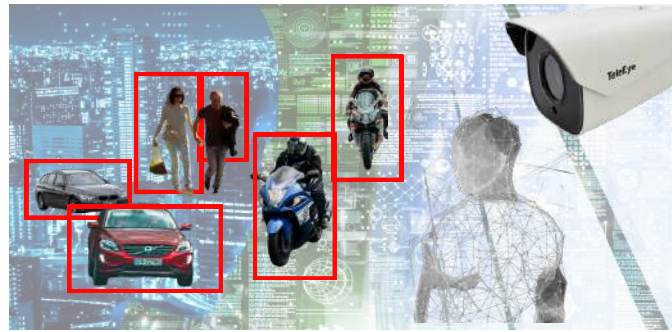
Improve Safety in Building Construction eg. Helmet Detection

- The technology also sends alerts when accidents or safety risks, such as a worker forgetting to wear a helmet or entering a restricted area, are identified, and also tracks people involved in forbidden activities such as fighting.



Object Recognition with Video Analytics

- Object recognition helps filter out non-critical events, reducing the workload of security personnel and enabling them to focus on more relevant incidents.
- Improve security by identifying and tracking objects of interest, such as intruders, vehicles, or illegal parking etc



Smart Manufacturing with Posture Detection

- Posture detection can help identify and prevent poor ergonomic postures and potentially harmful movements, reducing the risk of work-related injuries, such as musculoskeletal disorders etc.



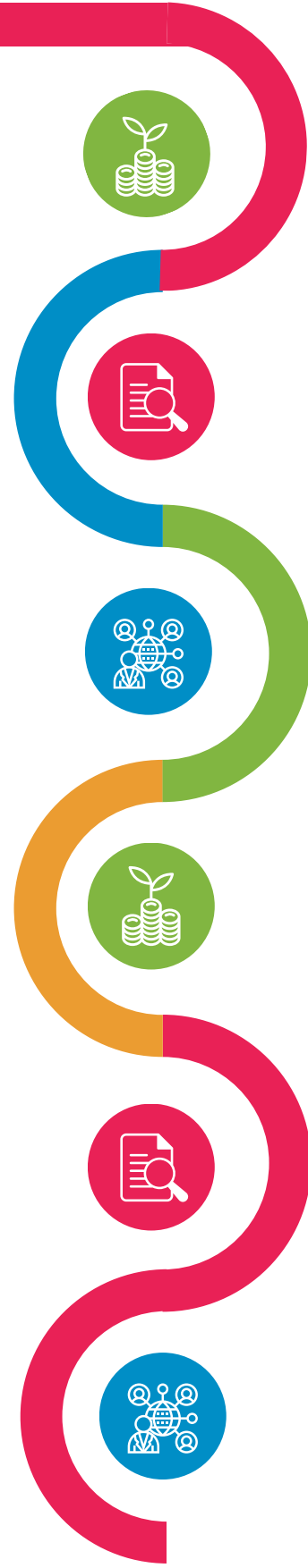
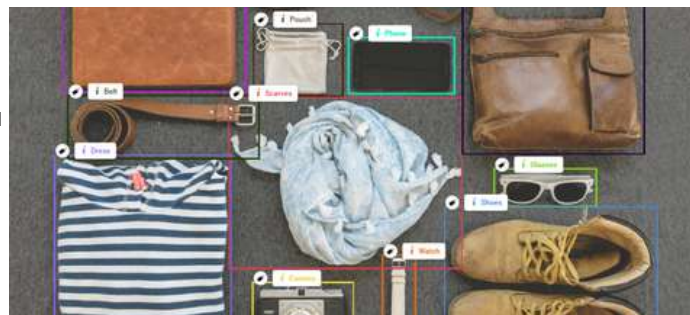
Automatic License Plate Recognition

- ALPR systems help improve security by monitoring vehicles entering and exiting parking facilities, reducing the risk of unauthorized access and vehicle theft.
- LPR can help monitor parking space occupancy and identify available spaces, allowing for better space utilization and optimization.



Products Categorization

- AI-based classification systems can automate the process of categorizing and labeling data, making it faster and more efficient compared to manual methods. This automation saves time and reduces human labor.
- AI systems can maintain consistent classification criteria, eliminating human biases and reducing errors that can occur with manual classification. This leads to more reliable and consistent results.



HOW AI UNLOCK YOUR POTENTIAL OF BUSINESS



05 DEPLOYMENT

After testing the model's functionality, it can be integrated with existing systems, used to create custom applications or services, or incorporated into management reports. The model can also be applied offline to guide decision-making.

04 AI MODEL EVALUATION & REFINEMENT

Upon completing the training of a model, it's essential to evaluate its performance by testing it on unseen data. In case the model's predictions prove to be unsatisfactory, adjustments may be made to its parameters, architecture, or additional data may be acquired to refine its performance.

03 AI MODEL DEVELOPMENT AND TRAINING

The development of an AI model comprises several iterative stages of refinement and training with appropriate data to address a specific problem.

02 DATA ACQUISITION AND PREPARATION

This step entails cleaning the data, addressing any missing values, and optimizing the data for compatibility with the chosen AI model. This phase can be quite time-intensive.

01 IDENTIFY A BUSINESS CASE OR OPPORTUNITY

Establishing a clear definition of the problem to be addressed or opportunity to be pursued is a fundamental step in the development of an AI project.



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