Intelligent Damage Detection
by Qapter

Introduce touchless vehicle inspections with Qapter Intelligent Damage Detection

SaaS solution to automate damage reports using state-of-the-art Computer Vision technology

Solera's Intelligent Damage Detection is the next generation appraisal management solution for the lease rental market powered by Visual Intelligence (VI):

- Leverages AI and computer vision to replace the need for physical inspection of a vehicle at policy purchase or notification of loss
- Scalable damage detection solution with 4.5 billion images in store for training
- Enables VI into any workflow through direct API solutions, reducing integration efforts and time to market
- Provides global reach and unmatched depth and quality of data across all car parcs
- Scalable platform to meet specific business needs and requirements

Key capabilities

Solera's Visual Intelligence utilises data science with Repair Science™ technology and knowledge spanning 50 years, incorporating a rich data lake of over 300 million claims worldwide.

Detect damage on external parts of vehicles by processing images through AI and adding contours around the affected areas

Determines the size, type and location of damage

Automatically creates a damage report through PDF report and API

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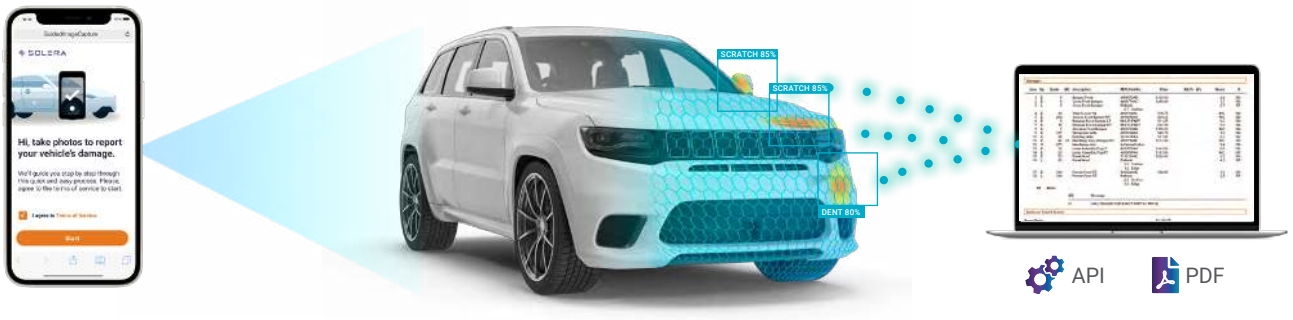
Invitation | Visual Intelligence | Damage report



Driver is sent and SMS to take photos of the vehicle at policy purchase or claim

A damage report is generated by Solera Visual Intelligence

The damage report is then available through API connection or PDF

80%
Less expenses

80% of inspections serviced digitally for:

- Faster turnaround
- Faster damage detection
- Accurate damage inspection at scale

5%
Less accident damage spend

Indemnity spend reduced by:

- Identifying pre-accident damage accurately
- Previous damage investigations eliminated
- Greater consistency

Touchless apprisal process

Guided Image Capture: The process begins with a single set of photos taken through our web app on a smart phone or tablet, allowing the customer to confidently take photos of the vehicle. Patented technology generates a vehicle outline of the exact vehicle (based on VIN) or vehicle type. Combined with photo-taking guidance, this approach ensures AI detects any damage with high accuracy.

Intelligent Damage Detection: Once photos are received by Solera's VI service, they are processed to produce a report on the damage to the vehicle. The AI service uses machine learning to review each image and identify what type of photo it is (close up, full view, not usable) and damaged exterior parts that are identified are outlined with contours.

- Inspection costs reduced by 80%
- Superior customer experience
- Increase in accuracy and consistency
- Validated damage prevents pre-accident damage costs being added at point of claim
- A cloud solution provides faster implementation and reduced hosting costs
- Patented, VIN-based vehicle outline technology generates better images for AI processing

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