

# Atos Data Labeling Solution

Accelerate AI projects with data labeling productivity

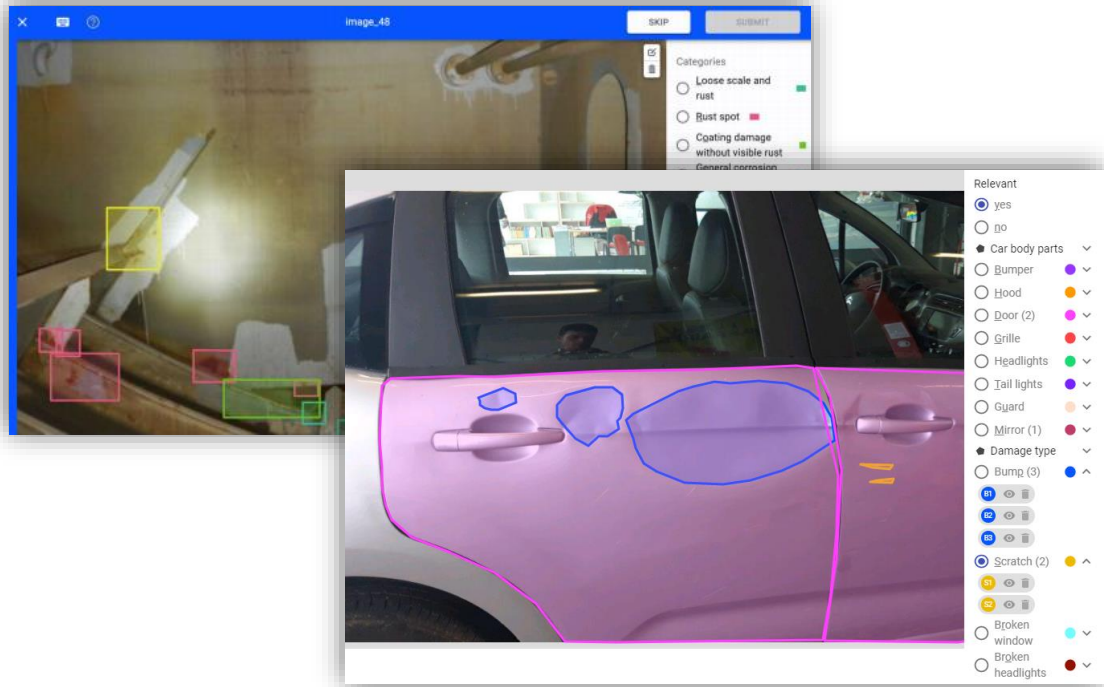
Use Case Examples

Trusted partner for your Digital Journey

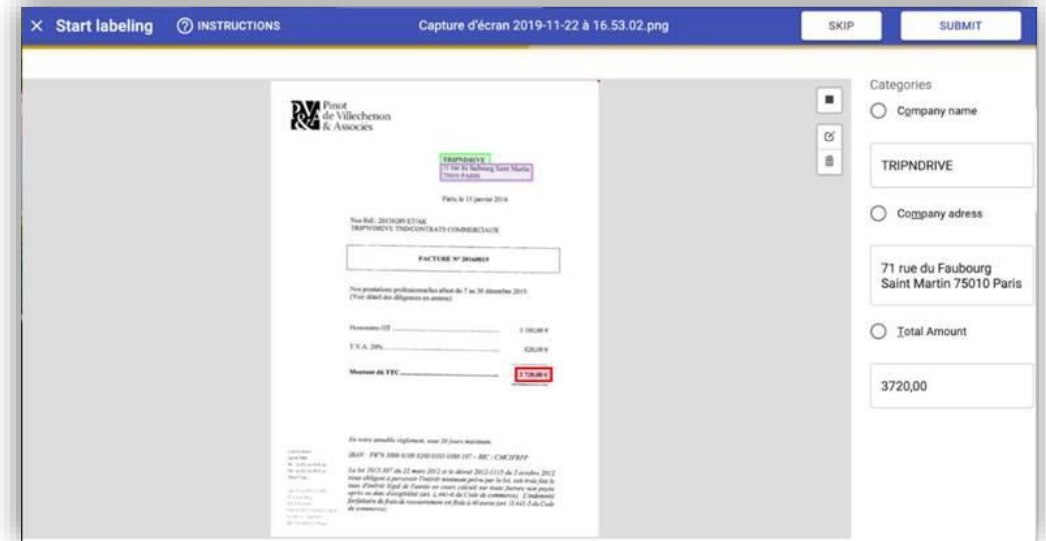
The Atos logo is displayed in a bold, white, sans-serif font. It is positioned in the bottom right corner of the slide, overlaid on a background of glowing blue and orange digital circuitry and data visualization elements. The background features a silhouette of a human head in profile, filled with intricate circuit patterns and data points, symbolizing artificial intelligence and data processing.

# Use case examples

## Insurance



Damage localization  
(property, cars, etc.)

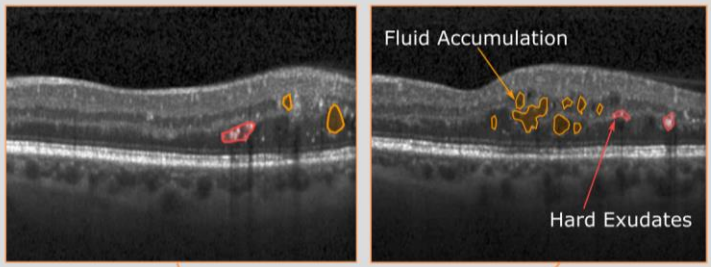


Invoice classification &  
information extraction

# Use case examples

## Healthcare

### Retinal tomography annotation



Fluid Accumulation

Hard Exudates

40/97 frames 3 FPS

- Pathological
- Normal
- Retinal pathology
  - Diabetic Macular Edema
    - Fluid accumulation (2)
  - Retinal thickening
  - Hard exudate (1)
  - Age Macular Degeneration
  - Macular hole
  - Retinal detachment

Tomography analysis and annotation

### Named entity recognition

#### OCT Measures of Diabetic Macular Fundus Photographs

Andreas Maunz,<sup>1</sup> John Michon,<sup>2</sup> Zdenka Haskova,<sup>2</sup> Jeffrey R. Willis,<sup>2</sup> and Marco Prunotto<sup>1,3</sup>

What is the topic of this paper

- Immunology
- Ophthalmology
- Virology
- Psychiatry

Identify terms specific to

- Ophthalmology (6)
  - Diabetic Macular Thickening
  - Color Fundus Photographs
  - diabetic macular thickening
  - color fundus photographs
  - central subfield thickness
  - central foveal thickness
- Deep learning (6)
  - Deep Learning
  - deep learning
  - DL model
  - area under the curve
  - deep convolutional neural network
  - DL algorithms
- Authors (3)
  - Filippo Arcadu
  - Fethallah Benmansour
  - Andreas Maunz

Tomography analysis and annotation

### Patient data transcription

#### Patient Medical Record

Patient Information

Birth Date: March 21 1972

Weight: 62.69

Height: 157

4026 Hickory Lane  
Washington, Washington DC(DC), 20036  
United States

Work phone: (323) 650-1865

Measles: NOT IMMUNE

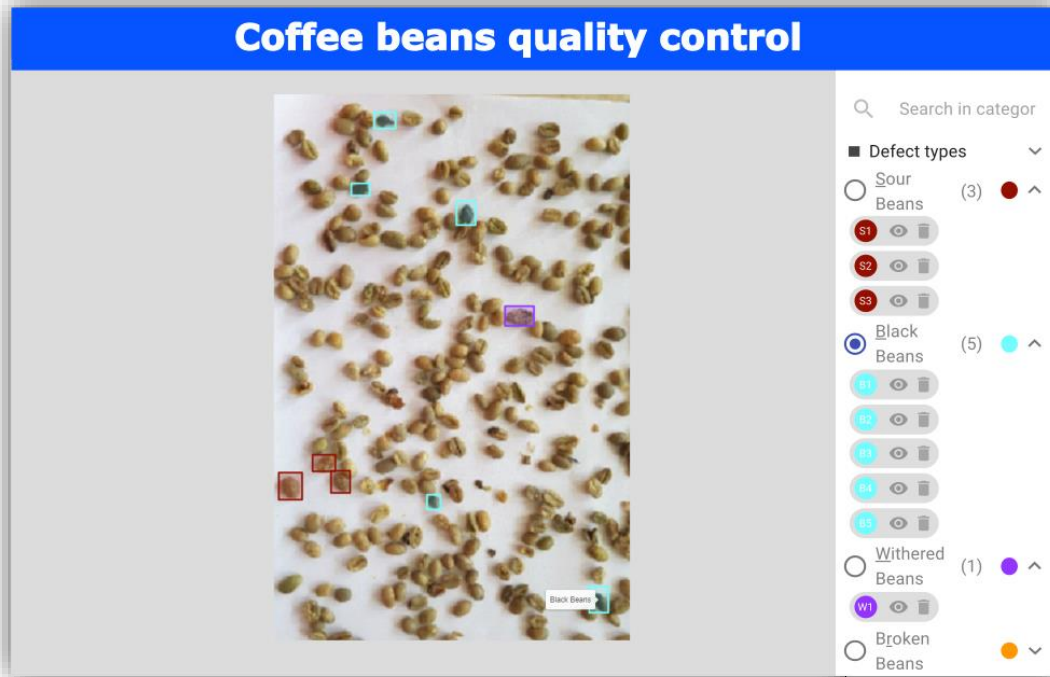
Categories

- Patient name (1)
  - Goldie R Chisolm
- Patient height (1)
  - 157
- Patient weight (1)
  - 62.69
- Varicella immunity (1)
  - Not immune
- Emergency contact (1)
  - Bertie C Rowell

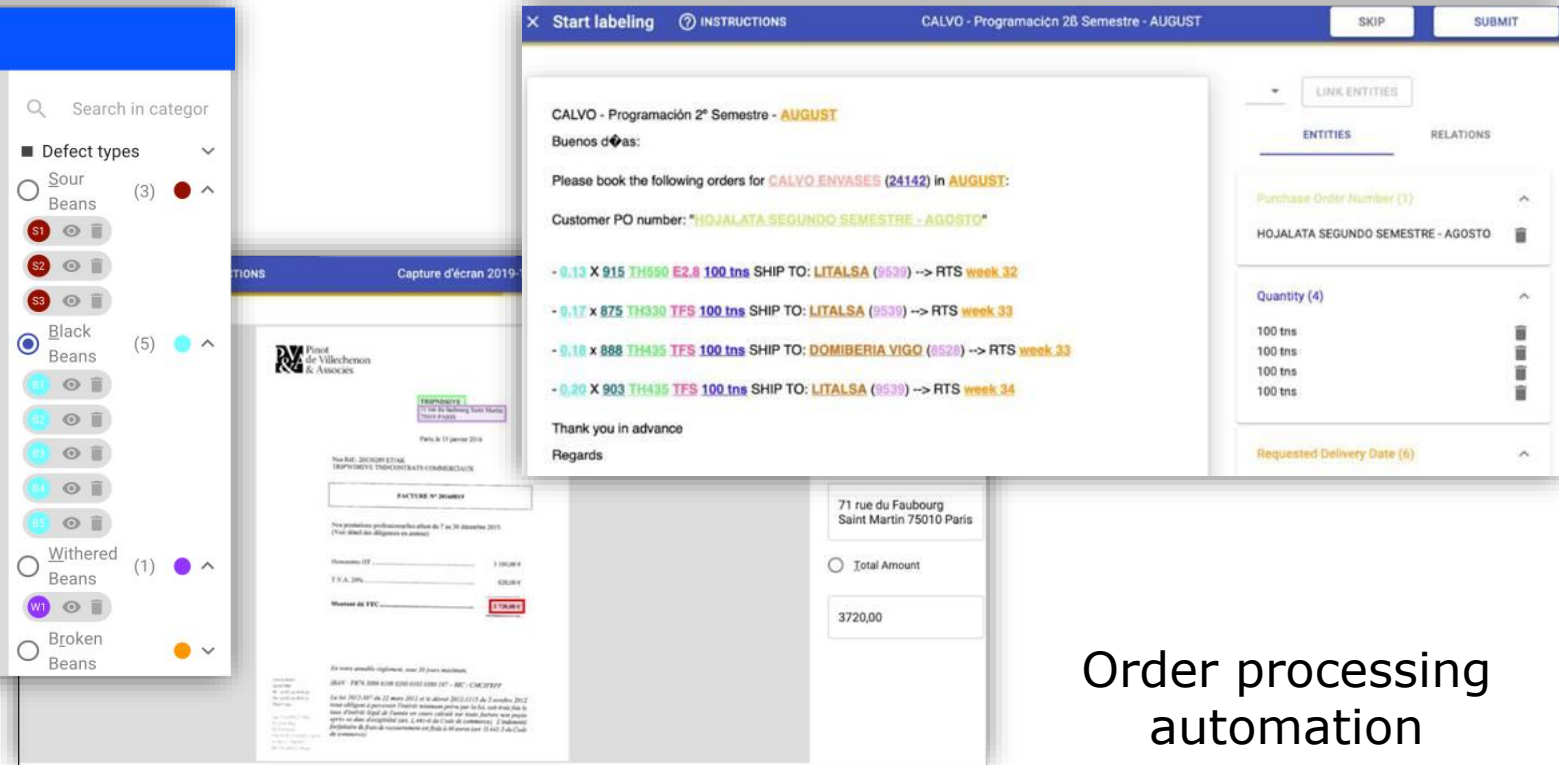
Patient data extraction

# Use case examples

## Manufacturing



Visual inspection & quality control



Invoice classification & information extraction

Order processing automation