



Capgemini  engineering

AI ASSISTED VISUAL INSPECTION

Capgemini 
engLens



Our mission is to enable infrastructure and manufacturing companies to accelerate the adoption of deep learning AI in visual inspections quickly, cost-effectively and successfully, with our engiLens platform

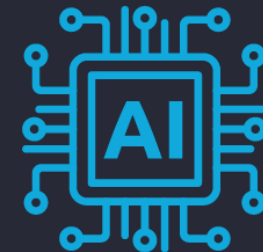


DL Models: No-Code
Data Centric MLOps

powered by [LandingAI](#)



Image/Video Analysis



Anomalies Intelligence



Deep Learning based. Deals with subjectivity and complexity in images, no digital image processing



One single universal platform to support all your AI based visual inspection automation needs. Integrates with other adjacent techs (Generative AI, 3D, VR,...)



From training to deploy and back. Cycling to refine the AI model using data from the live solution requires one-click



Work with limited datasets (when you only have 50 defects images instead of 50 million). Quality of data vs quantity



Best fit for visual quality controls. Focused models with technology superiority



No-code. 10x faster in model building. 90% less time to deploy. Fast & Easy to update

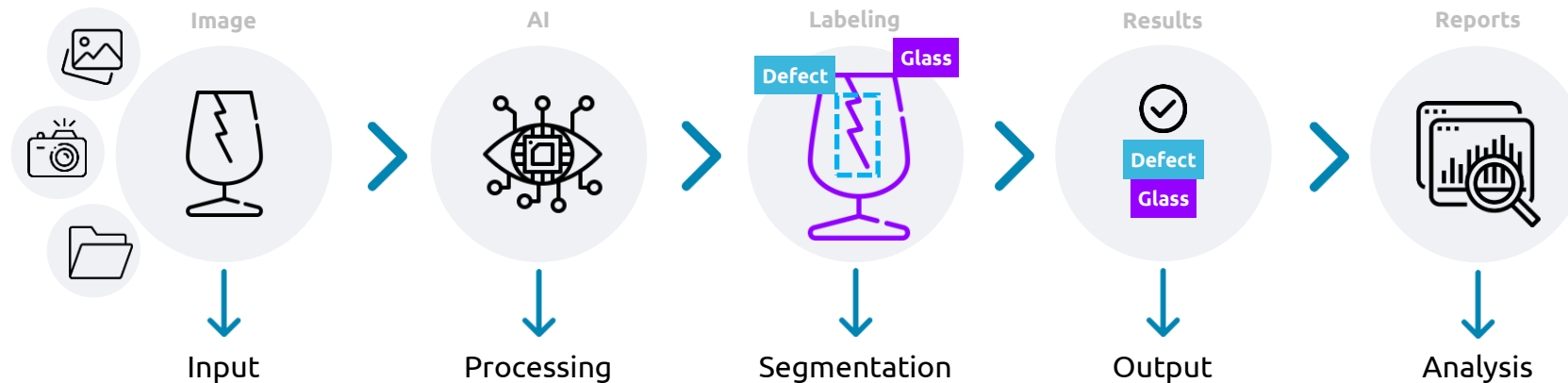


Quality managers and SMEs can also label and teach this AI



AI has emerged as a revolutionary tool that ensures high levels of efficiency, quality and success, transforming current industries.

engiLens is a visual inspection solution designed to quickly and accurately analyze and evaluate images or videos improving product quality, reducing costs and increasing production line efficiency





engiLens, an end-to-end solution developed by Capgemini Engineering, is a visual inspection platform for images that can train, test, and deploy a functional AI model. The solution aims to fill a market gap where deep learning solutions meet the real needs of the industry, without worrying about the intermediate steps from image acquisition to the final output (report, signal to middleware, etc).

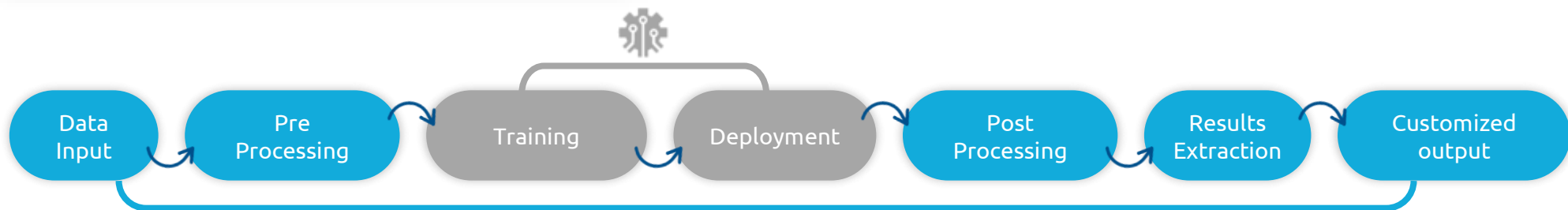


App + UI: customization of the user interface, performing pre/post-processing of images, and leveraging the data generated by the computer vision algorithm.

Neural network: provided by LandingLens, enables training and deployment of computer vision algorithms.



Thanks to **engiLens'** capabilities, the customer only needs to worry about inputting data into the system to continuously train the model and leverage the algorithm's results.



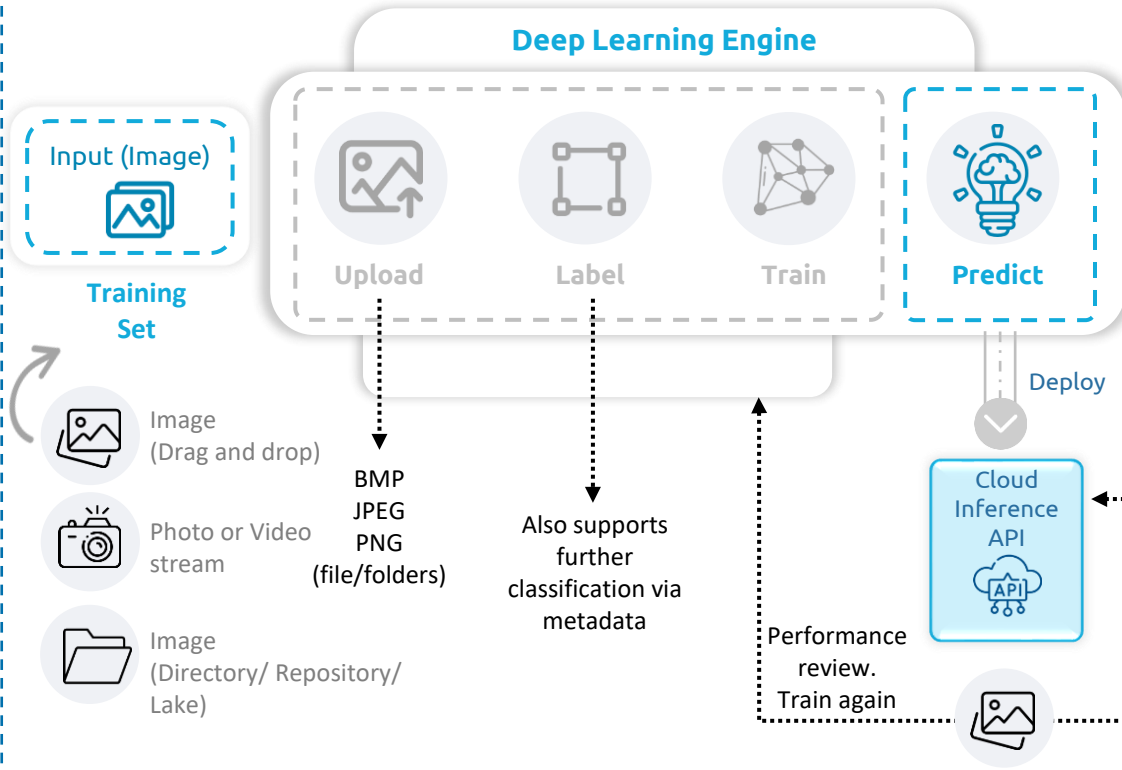


engiLens Core

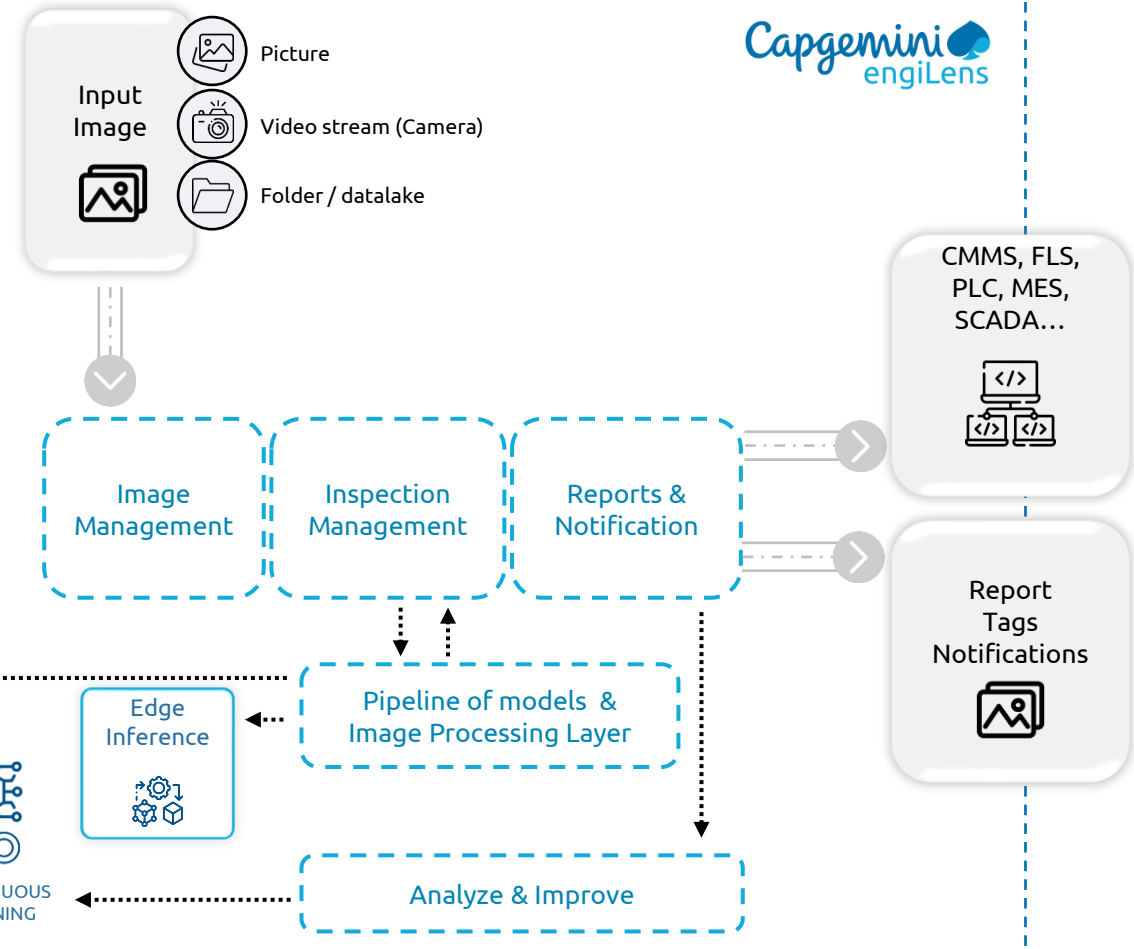
No-Code Data Centric MLOps engine integrated with a Visual Inspection and Assets engine

A) Train and deploy your models: engiLens relies on our partner platform LandingLens for neural network training and deployment (MLOps)

Powered by LandingLens



B) Run visual inspection and improve





About Capgemini Engineering

Capgemini Engineering combines, under one brand, a unique set of strengths from across the Capgemini Group: the world leading engineering and R&D services of Altran – acquired by Capgemini in 2020 - and Capgemini’s digital manufacturing expertise. With broad industry knowledge and cutting-edge technologies in digital and software, Capgemini Engineering supports the convergence of the physical and digital worlds. Combined with the capabilities of the rest of the Group, it helps clients to accelerate their journey towards Intelligent Industry. Capgemini Engineering has more than 52,000 engineer and scientist team members in over 30 countries across sectors including aeronautics, automotive, railways, communications, energy, life sciences, semiconductors, software & internet, space & defense, and consumer products.

Capgemini Engineering is an integral part of the Capgemini Group, a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of over 325,000 team members more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2021 global revenues of €18 billion.



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