



# Computer Vision Fact Sheet

Computer vision offers a significant competitive advantage, operational efficiency and top-line growth for early adopters.

## 99%

accuracy rates if current deep learning models at identifying & classifying images in a key benchmark data set - improved from 50% in the last decade



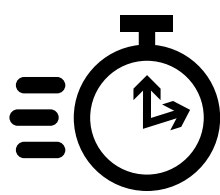
## \$17.4 B

forecasted market size of the 2024 computer vision market - if you aren't utilizing this technology, your competition is.



## 15 mins.

the time it takes to process very large sets of images - not that long ago, this would take weeks



## 3 billion

the amount of images that are shared each day using various social media platforms

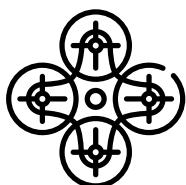


## 50%

The percentage of all online searches through voice or image search

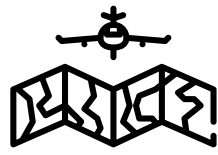


**Mosaic has helped several aviation customers put computer vision to work for them.**



### Autonomous Routing

ML interprets and responds to outside environments by processing data from sensors, including cameras, lidar, and radar.



### Asset Identification

Organizations need to conduct inspections on their physical infrastructure, computer vision more accurately predicts degradation & alerts maintenance.



### Defect Alerts

Aviation operators can train deep learning models to identify defects in their aircraft, improving air safety and mitigating risk.



### Facial Recognition

Computer vision excels at identifying unique people using facial recognition. Low hanging fruit include the use cases around security, loyalty and segmentation.



### Targeting Systems

AI can be utilized to enhance or automate targeting systems, an essential development with faster missile systems which require faster reactions than humans can provide.



### Baggage Detection

Manage baggage operations more efficiently and effectively by counting and capturing bags and containers as they are loaded on the aircraft.

## Artificial Intelligence Adoption Numbers

## 47%

of business executives say their companies have embedded at least one AI capability in their business, 21% say they have embedded AI in several business units, and 30% say they are piloting AI, with 20% planning to deploy across in their business in 2019.

## 70%

of the companies using AI, will obtain capabilities through the cloud, these cloud applications will make it easier for companies to benefit from AI, accelerating adoption and disbursing benefits.

## 42%

of business leaders point to lack of AI talent & 43% cites lack of clear AI strategy among top challenges in AI adoption.