

How do you see the invisible?

FUJITSU Advanced Image Recognition



FUJITSU Advanced Image Recognition enables application of Deep Learning across critical inspection processes.



Achieve **> 80% efficiency gains** across inspection processes



Apply **Deep Learning** to replicate expert workers' vision and judgement



Enable **agility** to react **quickly** to new and changing requirements

Quality Control - revolutionized!

+ **Defect Detection**
Improved quality and consistency of inspections through exceptional defect detection accuracy

+ **Reduced Risk**
Applies a low risk delivery approach to deliver rapid ROI

Enables powerful automated inspection of almost **any data type** captured from **any device**

Advanced Image Recognition



High accuracy levels achieved through ability of Deep Learning to identify complex defects



Deployable to the cloud or on premise, flexible framework able to adapt to specific requirements



Learns quickly from sample data, able to adapt quickly to changing requirements



Seamless integration via a secure API with operational systems



Rapid proving of requirements and implementation



Captures full audit across inspection decisions

By adopting Fujitsu ground-breaking AI technology it takes only a quarter of the time previously required to perform an inspection

Global Wind Turbine Manufacturer



Key Features

Exceptional Accuracy Levels

- Image pre-processing
- Applies latest Deep Learning algorithms

Extensible Co-creation Framework

- Modular Architecture
- Adaptable for specific requirements

Quick and Simple to Train

- Learns from small training sample
- Intuitive training sub-system
- Enables control for adapting recognition models

Seamless Interoperability

- Secure API
- Integration with any imaging system
- Share results instantly with any operation system

Powerful Results Framework

- Graphical UI enables fast and effective results analysis
- Captures feedback for continuous learning and accuracy improvement

Fast Time to Business Value

- Proven very quickly using customer's sample data
- Start small and expand

Optimize efficiencies by **over 80%** enabling skilled operators to prioritize focus



FUJITSU Advanced Image Recognition Quality Control - revolutionized!

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