

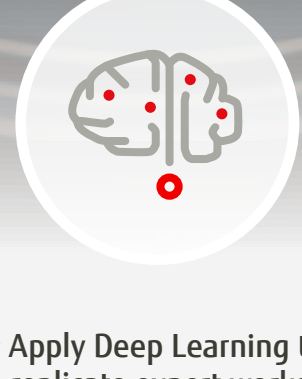
How do you see the invisible?

FUJITSU Advanced Image Recognition

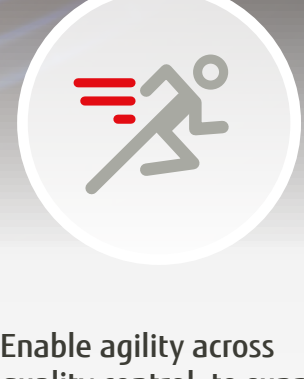
FUJITSU Advanced Image Recognition (F|AIR) enables application of Deep Learning to real world problems.



→ Achieve an 80% reduction in time required to conduct quality control



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



→ Enable agility across quality control, to support expanding product ranges

F|AIR: Quality Control - revolutionized!



Human Cost
Identifying defects during manufacturing costs is high when using staff



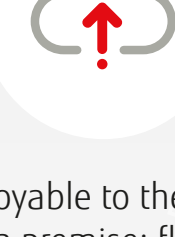
Vision and Judgement
F|AIR replicates the vision and judgement only employees could previously provide

F|AIR: Defect identification by analyzing images of any type captured by any device

Advanced Image Recognition



High detection accuracy achieved by managing ambiguity across defect patterns



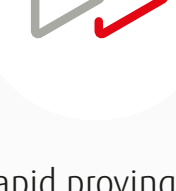
Deployable to the cloud or on premise; flexible UI to support specific requirements



Fast training to quickly adapt to changing product specification



Integrates seamlessly via an API with existing operational systems



Rapid proving of requirements and implementation



Captures full audit across quality control decisions

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

Kenneth Lee Kaser,
Head of SCM, Siemens Wind Power

F|AIR Key Features

Exceptional Accuracy Levels
→ Image Pre-Processing
→ Combines multiple latest Deep Learning Frameworks

Extensible Co-Creation Framework
→ Modular Architecture
→ Adaptable for specific requirements
→ Expert AI Services

Quick and Simple to Train
→ Model learns from small training sample
→ Extensive training sub-system

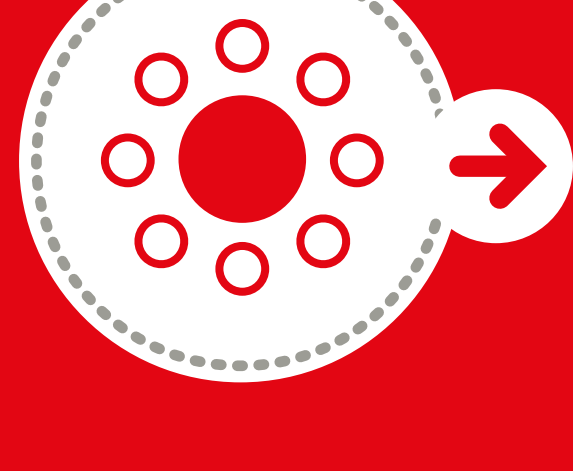
Interoperation with Customer Systems Framework
→ Secure API
→ Integration with any imaging system

Powerful Image Visualization
→ Enables fast and effective results analysis
→ Simple mark-up of images for training and review

Fast Time to Business Value
→ Prove very quickly using customer data
→ Start small and expand

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

FUJITSU Advanced Image Recognition Quality Control - revolutionized!



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