

Case study

# Aerospace engine inspection



## Problem

Inspection productivity

## Solution

Mentor Visual IQ enables faster inspection with increased confidence

## Outcomes

- Increase inspector productivity
- Greater confidence in reporting indications

## Challenges

Air Asia is a demanding customer with major repair and in-house servicing their own fleet as well as some other regional operators. They demand the highest performance from their video borescopes which get heavy and constant use. They have used a competitor model for some time, but were open to try Waygate Technologies.

## Waygate Technologies as part of the solution

Waygate Technologies' Mentor Visual IQ provided superior performance and capability, leading to the purchase of three units. Ease of use, high quality build, long battery life and clear video quality were all noted as features leading to productivity gains when using the Mentor Visual IQ. Waygate Technologies' service and support ensured that the team were getting the best out of the new tool for maximum effectiveness.

Yap Ging Sheng, Power plant Planning Manager said, "The impeccable measurement capability and quality of the Mentor Visual IQ has been a great help to us to ascertain the extent of engine compressor blade defects and enable us to improve inspection productivity significantly."

## Technology highlights

- Easy to operate using either optically bonded multipoint touchscreen and on-screen keyboard, or ergonomic joystick and hard keys.
- Powered by high-capacity interchangeable, rechargeable lithium ion batteries which are compliant with air travel regulations. With the charging circuit built into the batteries, no charging cradle is required.
- Crisp images and increased probability of detection on a 6.5" (16.5 cm) active matrix XGA color LCD, daylight readable display.