Kodak's Color Infrared Film

HELPS AUSTRALIAN TIMBER GROWER KEEP AN EYE ON VALUABLE TREES
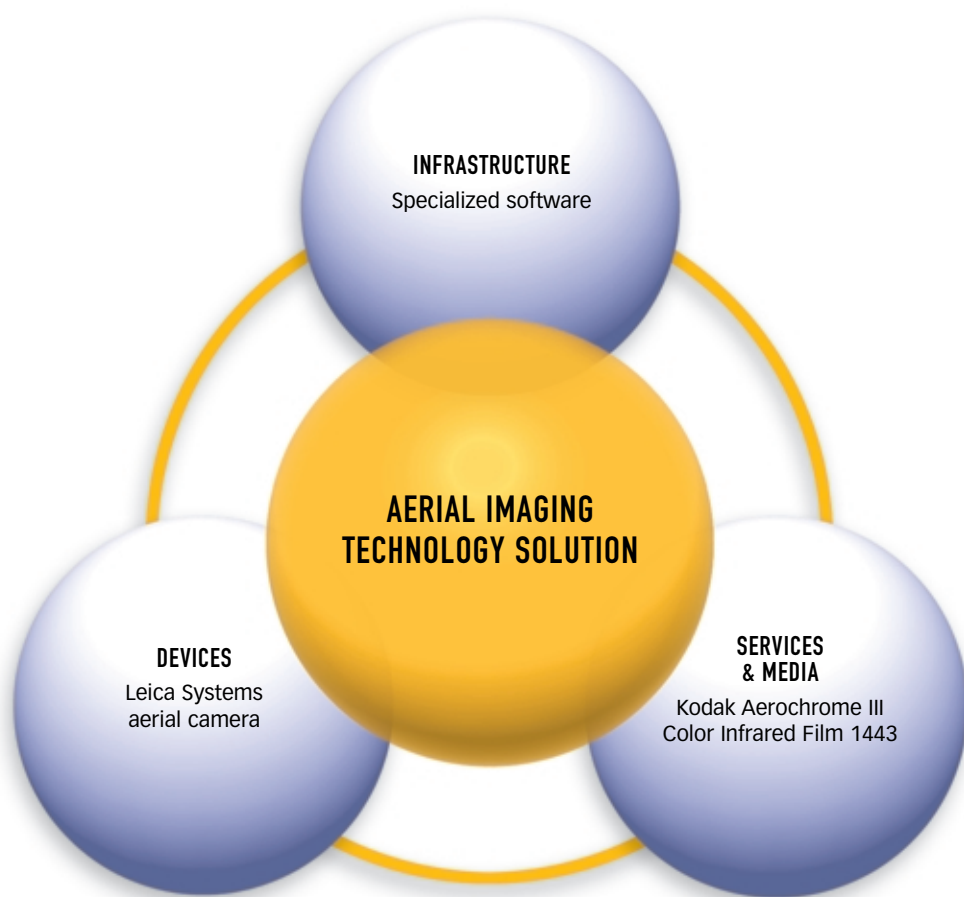
TIMBERCORP
AGRIBUSINESS
INVESTMENT MANAGERS

Better information about the crop allows Timbercorp to make better and more informed crop management decisions.

OVERVIEW: BEFORE INFOIMAGING

Timbercorp Ltd., Australia's leading agribusiness investment manager, is charged with monitoring the health of more than 170,000 acres of timber that stretch across parts of Australia. Its most valuable crop is the bluegum, a tree used to manufacture high-quality printing and writing papers. Bluegums are especially susceptible to adverse conditions and require careful monitoring and protection from threats such as beetles, waterlogging and weeds. Traditionally, manual inspections, spot-testing and black-and-white aerial photographs have been used to monitor the health of bluegum crops. However, black-and-white aerial photographs do not always give the most detailed or accurate information, and manual inspections and spot-testing are costly and time-consuming. Timbercorp recently deployed infoimaging solutions to assist in its efforts to more closely monitor the bluegum trees and identify threats, such as beetle infestation, before they spread to the entire crop.

INFOIMAGING IN ACTION

After speaking with Timbercorp managers and assessing the company's monitoring objectives, Airesearch Mapping, an Australian provider of high-quality aerial photographs, deployed a Leica Systems aerial camera (device) to capture Timbercorp's plantations on Kodak Aerochrome III Color Infrared Film 1443 (media). Color infrared aerial photos can show where tree stocking is below expectations, identify areas that need to be sprayed due to excessive weed growth and help inventory tree volumes. Simply put, it provides greater detail than black-and-white film and makes it easier to extract more information quickly. Additionally, when analyzed with specialized software (infrastructure) developed by Timbercorp, the aerial images allow Timbercorp to automatically inventory its trees.

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Kodak

INFRASTRUCTURE
Specialized software

AERIAL IMAGING
TECHNOLOGY SOLUTION

DEVICES
Leica Systems
aerial camera

SERVICES
& MEDIA
Kodak Aerochrome III
Color Infrared Film 1443

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INFOIMAGING'S IMPACT

> Kodak Aerochrome III Color Infrared Film 1443 helps Timbercorp assess field conditions more accurately than ever before due to the ability to quickly identify vegetation and water saturation.

> Better information about the crop allows Timbercorp to make better and more informed crop management decisions.

For more information about infoimaging, go to:
www.kodak.com/go/infoimaging

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