

# **Raising Expectations on Surveying Deliverables via Imaging Technology in Optical Instruments**

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## **SUMMARY**

Over the last few years optical measurement technology has been evolving with the introduction of imaging technology embedded into optical instruments to assist in capturing detail information and enhanced documentation of a project. Originally camera technology was used purely to capture images but now has evolved to the point of using live video feed to provide enhanced robotic control.

Not only is this technology providing the surveyor with the ability to change field procedures and enhance productivity but the addition of images creates the possibility to present project data in a new way. These deliverables provide the customer with a highly visual way to assess the project and enhance decision making.

This presentation explores the use of image technology within optical instruments. It will look at the technical aspects of how the use of imaging technology is used to capture data in the field and how it affects the documentation of a project site. We will also explore how images can be used to create additional highly visual deliverables and how these are presented the customer.

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