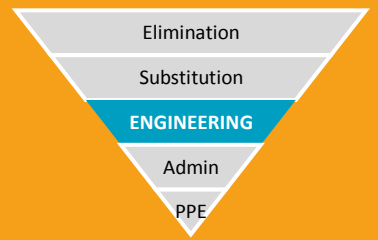


CASE STUDY: SAFETY BEST PRACTICE



EXCAVATOR MOUNTED CABLE LOCATION SYSTEM

Challenge:

- Lack of accurate and correct information on the location of buried underground services.
- Risk of hitting the services buried underground during excavation works due to human error.

Solution:

- Additional warning through the EZiDIG utility detection excavator mounted device that sends out alerts to operator in real time if an unidentified underground service is detected during excavation works.



EZiDIG magnetically mounted on to the excavator boom.

PRODUCT/SERVICE OVERVIEW

PURPOSE	APPLICATION	BENEFIT
To provide additional protection against striking buried underground services. Normal control measures must also be in place during excavation works.	A magnetically attached ground signal injector detects buried services within a “protection zone” around the excavator bucket. If services are detected a message is sent to an in-cab device that alerts the excavator operator of the presence of buried services with audio and visual warning. The device is protected using toughened plastic and can be easily transferred to any size or type of excavator.	The EZiDIG system is by no means a replacement for detection surveys and trial holes prior to excavating. The EZiDIG system provides a “last resort” warning to the excavator operator in addition to normal control measures in place during excavation works and working near underground utilities.

ADDITIONAL INFORMATION *(click on the images for links to access online information)*



PRODUCT
INFORMATION

Balfour Beatty

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