

# A CLIENTS GUIDE TO PAS128 & UTILITY SURVEY EQUIPMENT

Online & Live

- ✓ These sessions are completely free of charge
- ✓ All sessions are live & interactive with questions and discussion encouraged

## WHO?

Aimed at clients, people who procure and specify PAS128 surveys and those on site who need to interpret and understand the survey drawings and equipment used in the survey. Although anyone involved with utility location would benefit.

## WHAT?

A half day interactive session hosted online by the most experienced utility location trainers in the industry. The session will look at PAS128 , the equipment used in a survey including the benefits, limitations & accuracy. The session will also discuss how to get the best survey results by working with your Utility Mapping Company.

Syigma Solutions are a leading and independent training provider in utility mapping, delivering training for utility surveyors and high-end utility mapping qualifications. The fact we are independent and do not conduct utility surveys enables us to offer you a valuable and educational course based on facts and experience.

No survey company will be referred to by name or names of survey companies discussed during this session. Any utility survey drawings shown will have practitioner information removed. **Syigma Solutions does not and will not recommend ANY utility mapping company, we recommend that clients conduct their own research when choosing a provider.**

**Please contact [enquiries@syigma-solutions.com](mailto:enquiries@syigma-solutions.com) for the latest schedule and to book.**

## THIS ONLINE TRAINING SESSION AIMS:

- ✓ Understand Electromagnetic locator (EM) basic theory including limitations
- ✓ Understand basic Ground Penetrating Radar (GPR) theory including limitations
- ✓ How the 2 technologies are used in conjunction
- ✓ GPR Survey or Utility Survey?
- ✓ Improve understanding of PAS128 in general
- ✓ Understand PAS128 deliverables & quality levels
- ✓ How to ensure the best deliverables by working with your utility mapping company

# COURSE CONTENT

## Level D&C

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- ✓ An explanation of a level D & C survey
- ✓ The limitations
- ✓ Examples of STATS and the inaccuracies with these surveys

## EM Locators (Level B)

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- ✓ Basic EM Theory
- ✓ What it can and can't detect
- ✓ Field distortion and a discussion about accuracy & depth.

## GPR Locators (Level B)

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- ✓ Basic GPR Theory – How does it work?
- ✓ Limitations
- ✓ What does a radargram look like
- ✓ How it links to the whole process
- ✓ Why it isn't a stand-alone solution for utilities
- ✓ GPR Survey or Utility Survey?

## PAS128

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- ✓ An overview of PAS128
- ✓ Survey types
- ✓ Quality levels
- ✓ What you can and can't specify
- ✓ Real examples of PAS128 surveys and understanding the survey itself

## Post Processing

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- ✓ What is post processing
- ✓ The benefits of post processing

## Help your Utility Mapping Company Help you

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- ✓ Discussing the specification
- ✓ Pre survey information
- ✓ Site access
- ✓ Access to apply signals
- ✓ GPR Coverage

