



National Utility Locating
Contractors Association



The Role of a Service Locator in Damage Prevention





MY STORY
IN 3 MINS

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Business · Community · Industry · Govt
SMART Development



Linking Networks and Defining our Ecosystem

Our current Ecosystem

How are YOU linked?

DISCOVER

IDENTIFY

LINK

MAP



- ▶ Shared Resource
- ▶ Shared Comms
- ▶ Shared Challenges
- ▶ Shared Approach
- ▶ Collective Leadership



We represent Service Locators and those involved in locating, tracing, mapping, and protecting New Zealand's underground infrastructure.

Our Mission:
To build a utility locating industry that sets a global benchmark for capability, best practice, and innovation.

Damage Prevention is a shared Responsibility

Bridge	<input checked="" type="checkbox"/>
Telecom	<input checked="" type="checkbox"/>
Drinkwater	<input checked="" type="checkbox"/>
Electricity	<input checked="" type="checkbox"/>
Gas	<input checked="" type="checkbox"/>
Tv	<input checked="" type="checkbox"/>

Asset Owners



Asset Owners

- Own, manage, and maintain the Infrastructure



Designers

- Asset owners and Civil Engineers



Contractors

- Carry out civil works for Construction and Infrastructure



Locators

- **Locate and Mark-out Services** prior to ground disturbance – playing a key role in damage prevention, prior to/ during/ post excavation.
- **Risk minimisation and mitigation.**

Locators

Designers

Contractors



The Locators Role

- Identify, locate and communicate the position of underground infrastructure to our clients
- Reduce the risk of damage to underground services during ground disturbance
- Prevent harm to people from accidental strikes on underground services
- Aid better infrastructure design decisions during pre-build phases
- Aid in the surveying and mapping of underground infrastructure
- Educate on the importance of good excavation practices



Service Locator Applications – an evolving space



Clearance Survey



Mark-out and Identify



Survey and Map



Survey Design, Plans, As-built's

Right Now – Strategic Foresight & Tactical Steps



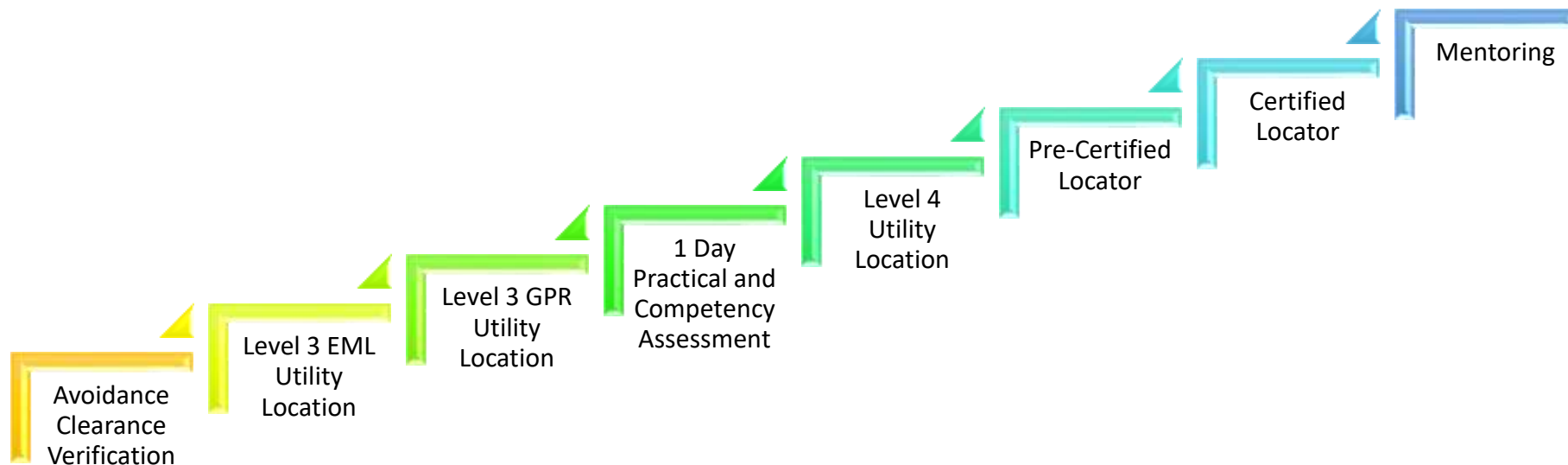
Skills and Growth Working Group

Cross Pollination
Competency Development
Skills Pathway Engagement and Attraction
Training Centers and Trainer Competencies



Standards Working Group

Best Practice documentation
SOP Development
About to begin work on the new Standard



Best Practice Location: PART OF THE TEAM

- Asset Owners
 - Every effort to protect your asset from damage
 - Reduce unrecoverable costs caused by third-party strikes
 - Educate clients on best practices and duty of care requirements
 - Help correct errors in service records
- Designers
 - Reduce likelihood of expensive project changes
 - Advise on good design for location of assets in the future
- Contractors
 - Reduce the risk of damaging assets during excavation
 - Address site hazards resulting from underground services
 - Help avoid costly insurance claims or damage penalties
 - Reduce site down-time and costly variations





What you may not know.....

- It's a difficult and often stressful job
- It requires considerable skill, experience and the right equipment
- There is no such thing as a “quick scan or wave your wand around” for a good Locator
- A good Locator has to go walk-about on site – don't question it
- Ground Penetrating Radar is not magic or the same as x-ray vision
- Every service can be found with enough time and money
- There is methodology and best practice approach to each job!

Better Locate Outcomes

Asset Owners

- ✓ Make plans easily accessible (beforeUDig). One data source = easy reconciliation and compilation of info
- ✓ Improve the quality of underground service recordkeeping
- ✓ Make your assets locatable
- ✓ Engage with trained competent Locators other than approved contractors

Contractors

- ✓ Aim for best practice around excavation (it's as simple as the 5 P's)
- ✓ Engage and work with competent and experience Locators
- ✓ Understand it's about risk reduction not elimination
- ✓ Plan ahead and consider the environment of your work site

Better Locate Outcomes.....

Designers

- ✓ Integrate service location into the design process
- ✓ Take a long-term view – how will this service be found in the future – Big Picture Thinking

Locators

- ✓ Continually look to improve your craft – training, education, competency
- ✓ Play your part in broader damage prevention
- ✓ Understand we do risk reduction not elimination
- ✓ Be part of your growing industry (Nulca NZ)

Priority Industry Focus Points

Industry Associations and Networks MUST unite – specialist knowledge rest in these spaces

Who is a part of our Wider Ecosystem?

Integrate Cross Pollinating Subsectors Skills Pathways and Micro-credentials

Universal Skills

Learning Futures

Governance Modulation

Integrated Stats

What can you do to empower connection

- Let go
 - Power
 - Ego
 - My Patch
- Move from ME to WE





Come and see us at our next event
www.nulca.nz/page/events

Or sign-up so we can keep you informed!

#nulcaNZ #damagePreventionNZ
#utilityLocationNZ

