

EFFICIENCY IN UTILITY LOCATING

Meeting the 50-in-5 Goal

CHALLENGES

- Lack of accurate maps and records
- Inefficiencies in tech stacks
- Enforcement
- Risks and costs associated with inaccurate utility detection
- Adoption



IMPROVING TECHNOLOGY

- GPR & Lidar with drones
- Adopting SUE practices - ASCE 75-22
- AI
- Ticket Management
- GIS integration for data management



EFFECTIVE TRAINING



IMPORTANCE OF EFFICIENCY



At this moment in time we are going to miss the target and the extra pressures on our industry from the Infrastructure Act funding, construction growth and labor shortages mean we need to capitalize on technologies which automate and drive efficiency

- Improved project planning and execution
- Minimized risks of utility damage and associated costs
- Compliance with regulations and safety standards

CONCLUSION



THANK YOU



MEETING THE 50-IN-5 GOAL

The implementation of efficient processes and technological advancements contributes to achieving the 50% reduction in utility location time within 5 years.

- Chicago 811
- Risk v Reward
- NGA & NLC
- More standardization between 811 centers & regulations



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EFFECTIVE TRAINING

- Driving adoption of technology, & best practices requires training
- Adoption curve: innovators, early adopters, early majority, late majority, laggards
- Communication Automation
- Certification & New Equipment - ASCE 38-22

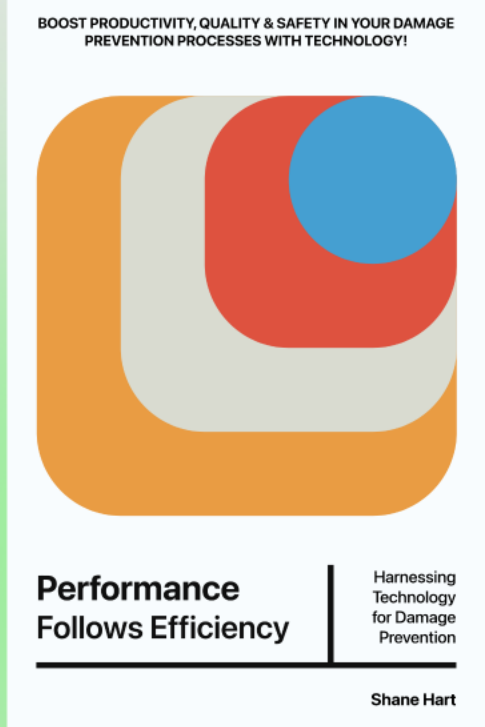


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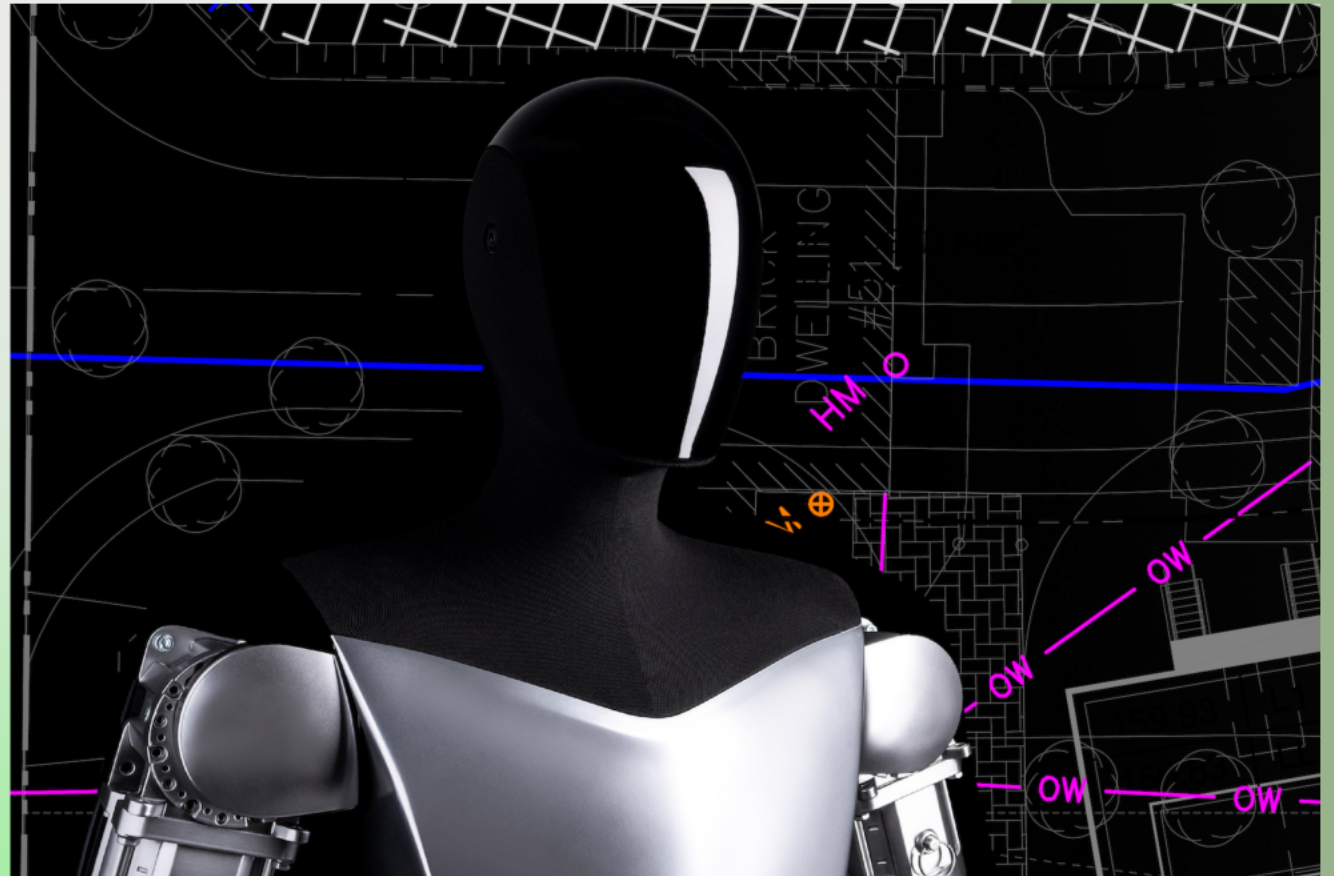
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- We need to be more specific to gauge efficiency gains
- We can do it improve via adopting technologies which save time and money!
- Not every technology is equal and we need to build tech stacks mindfully.
- AI and automation will help, as they do in other industries.
- There's too much work for too few workers



THANK YOU

Any Questions?



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EFFECTIVE TRAINING

- Training on new technologies and equipment
- Hands-on experience with field equipment
- Cross-training between different utility disciplines
- Regular refresher courses and updates



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