

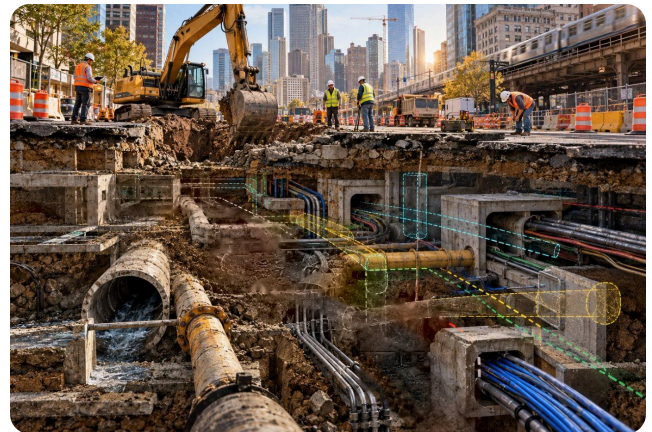
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Disney World solved a problem that could save America billions every year

By Sara Herschander

THE STORY IN BRIEF

- Beneath most American cities, pipes, cables and gas lines have been buried piecemeal over generations, with no single accurate record of where everything is.
- The result is hundreds of thousands of damage incidents a year, from gas explosions to severed telecom lines that knock out 911 service.
- At the Magic Kingdom, Disney took a different approach: utilities run through organized underground tunnels ("utilidors") where every line is visible, reachable and protected.
- Cities such as Prague and Singapore have built utility tunnel networks, and the UK, Singapore and New York are investing in digital mapping of what lies underground.
- The article concludes the technology exists; the obstacles are political will and funding.



~700,000

damaging incidents to underground infrastructure each year in the U.S.

\$83.2B

estimated annual cost of that damage to the U.S.

\$500M+

projected yearly savings from the UK's national digital underground map

WHY IT MATTERS TO PROSTAR

Most of America's infrastructure will never be rebuilt in tunnels, but it can be mapped. ProStar's patented PointMan[®] captures the precise location of underground assets in real time on a standard smartphone, building a persistent digital record of what exists, and exactly where, across the asset lifecycle. With LinQD[®] connecting that data to the systems utilities and contractors already use, ProStar delivers the kind of underground certainty the article describes, without digging a single tunnel.

Read the full article on Vox

Figures above are as reported in the article.

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