

Don't let leaking profits drain you

Water is precious. Let's work to protect water resources and infrastructure with purpose-built technology that helps mitigate water leakage and saves your bottom line.



When it comes to leakage management, every drop counts.

Leaks will continue to break out and grow if left unaddressed, so it is essential to continuously identify and address them as they happen. Understand what types of leaks might appear in your network and the positive outcomes you can achieve from adopting a mix of leakage reduction strategies.

With about 18% of the world's population but only 4% of its water resources, India is one of the most water-stressed regions in the world.

Because water resources are limited and 65% of the irrigation water coming from ground water, reserves are decreasing at an alarming rate. So identifying and preventing leaks is the first step to optimize water usage.



Water: the Most Critical Resource



Water is life

9.1 crore people lack access to safely managed drinking water services



Key priority for UN

50% of the Indian population lives in areas that experience water stress



Water is in every process

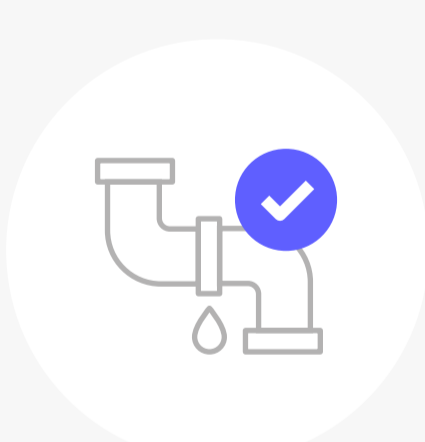
An average person consumes 135 Litres of water each day

Strategies to address water leakage

- Active leakage detection**
Identifying general areas of leakage to make pinpointing leaks easier. You can then prioritize these areas when investigating costly repair methods, like excavation.
- Pressure management**
By optimizing network pressure, utilities can reduce undetectable background leaks without affecting service levels.
- Asset renewal and replacement**
In some cases, renewing and replacing water infrastructure is the optimal method for reducing background leakage.

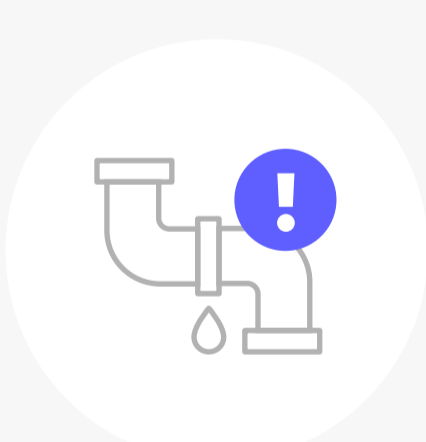


Types of leakage



Reported leakage

Leakage that has been detected and reported by utility workers or members of the public.



Unreported leakage

Leakage that has not yet been discovered but is still detectable using traditional acoustic equipment.



Background leakage

Leakage that has not yet been discovered and is undetectable using traditional acoustic equipment.

Benefits of leakage reduction

- Reduced environmental impact**
- Extended asset life**
- Increased operational efficiency**
- Lower carbon footprint**
- Reduced water treatment-related costs**
- Enhanced customer relations**

Pressured to deliver?

Learn more about the Autodesk solutions that can best help your organization address water leakage.

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