

Early Alarm Recording (EAR) Brings Water Savings to St Barts



Early leak detection has delivered impressive results in a region where water is a very precious commodity.

The Caribbean island of St Barts is 21 km². Water is provided to the community via two water desalination plants, which means water is an expensive resource and so its preservation, along with the reduction of leaks, is a major consideration.

Saur has been operating the network since 2013 and has been instrumental in meeting and exceeding challenging targets. Introducing the EAR active listening device has brought some impressive results.

The device was installed in 16 units across 53 km of pipeline in 2014. EAR brings improved results due to a hydrophone membrane which is positioned directly into the water, leading to more accurate location of leaks.



Since installation, St Barts has benefited from:

95,115 m³
water saved every year

Network efficiency
savings of 83.4% in 2015
(from 69% in 2013)

[Watch the film here](#)

Water operators in St Barts have been very impressed with the technology, particularly as it can provide accurate and reliable data on water leaks to within one metre.

These results are encouraging more and more water companies, who are looking to reduce costs on leak detention as well as improve overall network efficiency, to turn to Saur and EAR to benefit from the technology.

For more information please visit the [Saur UK website](#), or [watch the EAR video](#)