

UNIDATA COLLABORATIVE SMART WATER METERING IN GAVI

- In Gavi (Northern Italy), Unidata has realized a LoRaWAN® network, installing all the gateways on sites given by the water utility Gestione Acqua, paving the way for a collaborative Smart Water Metering approach.
- A deployment for almost 3k of Itron smart water meters in a hilly impervious territory served by Gestione Acqua, with a daily access to 90-99% meters.
- Hourly consumption data are sent twice a day by the meters to the Connectivity Platform UniOrchestra (PaaS) through the LoRaWAN network, allowing a battery life over ten years.
- UniOrchestra is connected to the Itron applications servers (Temetra & Emmsys), able to present consumption data to Gestione Acqua, but above all able to find water leaks.
- “The value of the knowledge provided by the Unidata-Itron solution is far greater than the mere economic benefit of remote metering” G.Grosso - Gestione Acqua



Benefits: Near real time consumption data, giant jump in efficiency, high ROI and cost effective