Bunt*Brain*
WaterMeters

SCORE

7.5

What is it?

BuntBrain WaterMeters is a web-based **software** designed to **reduce commercial losses** on the **water** supply network systems.

Using big data, metrology and machine learning, it helps to identify meters that need to be inspected and/or replaced, to reduce commercial losses.
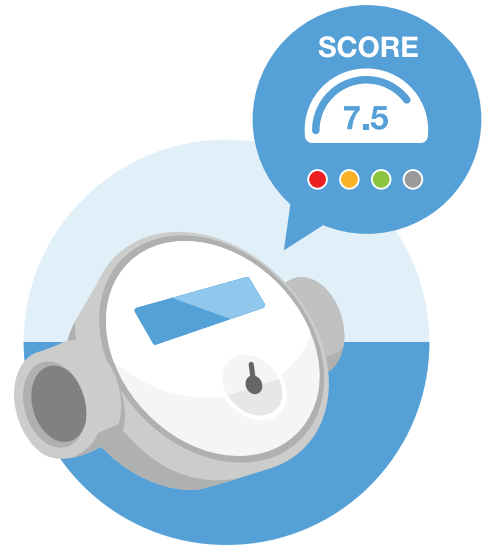
For whom?

BuntBrain WaterMeters is designed for **water utility companies:**

✓ That want **to reduce commercial losses**

✓ That want to **know and monitor their water meter measuring error** on an ongoing basis

✓ That want an **independent analysis** of the condition of the meters in the network

Simple integration

A **copy of the meter reading data** is regularly and **securely** sent to the **BuntBrain** cloud, where the analysis occurs. **BuntBrain** uses **mathematical algorithms and metrological data** to analyse water meters working conditions and decide which ones should be replaced and/or inspected.

After processing the data, the utility can access the analysis results online. Result data can be easily exported for generating work orders.

Benefits

1 Savings by **optimising** the meter **replacement** policy. It allows determining which meters offer a greater economic yield when being replaced

2 **Provides economic lifespan calculation** of each water meter

3 Reduction in meter errors by selecting the **right-sized meter** for each customer

4 Reduction of commercial losses as a result of a **quicker identification** of potentially stopped meters

5 Reduction of customers complains thanks to **early detection** of meters with **abnormal consumption**

6 **Simplifies water meter purchasement planning**

7 **Continuos improvement.** The system receives updated information of the meters and learns with the use, improving its algorithms to determine the most appropriate strategy in each moment

8 Allows to **integrate water meter laboratory tests** into the water utility daily operations

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BuntPlanet, an innovative **software engineering company,** provides **smart water solutions** based around **Artificial Intelligence (AI)** algorithms.

Its **BuntBrain** software has been awarded funding from the prestigious **EU Horizon 2020** fund (SME Instrument Programme) and the technology is being rolled out at water utilities in Germany, Spain and Latin America.

BuntPlanet wants to help utilities around the world to **reduce water losses** and improve their exploitation balance.

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