Water utilities in North America lose 5% of revenue on meters every year – advanced analytics can detect and recover this revenue.

Canadian Water
Network –
Blue Cities
Conference
2017

Christine E. Boyle, PhD CEO Valor Water Analytics

Urban Water Faces Crisis

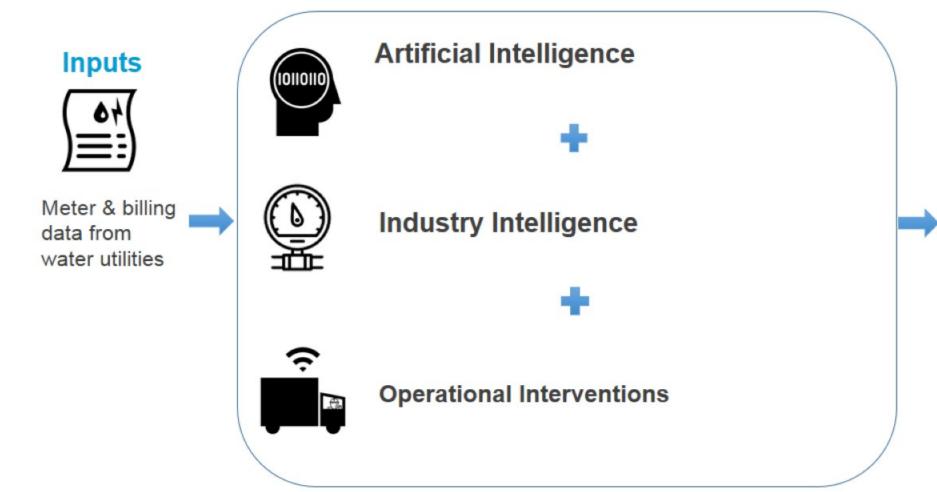








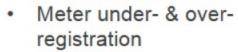
Valor Revolutionizes How Water Utilities Work



Outputs



"Next Day" Meter Performance Indicators:

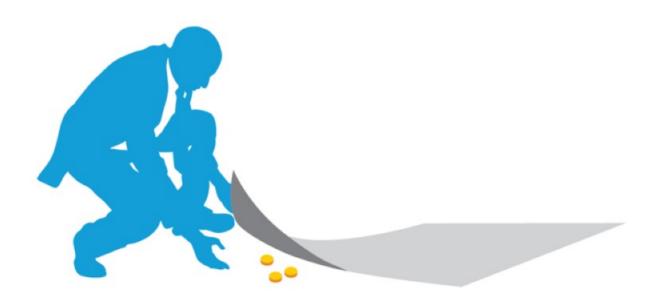


- Billing irregularities
- Burst pipes & leaks
- · Meter read errors
- · Missing meters
- Meter tampering, etc.



Hidden Revenue Locator[™]

Detecting nonrevenue water on meters



FIND YOUR UTILITIES' HIDDEN REVENUE TODAY



Unbilled Water, or Apparent Water Loss

- Per AWWA M36, Ch 3 on Apparent Water Losses;
- Unbilled water includes:
 - Unbilled metered consumption
 - Unauthorized consumption
 - Meter inaccuracies
 - Data Handling Errors
 - Other?

Locates 1.5% revenue annually per utility. That's \$3B per year uncollected across the North America



Client Value Proposition

Using Valor's software as a service solution, water utilities achieve:



Revenue











A Snapshot of data Analytics put to Work

In 2016, using Valor,



achieved 2 of its goals:



It identified **\$1M** in **uncollected**, **recoverable revenue** (1.5% of total annual revenue)



It **reduced water cutoffs** by **50**% (4,000 water end users saved from water shutoffs)





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