



LimpetReader

Our Technology

Market ready for the water industry

Converting analogue meter displays to digital data.

Truly smart.

A new standard in sustainable measurement of metered consumption.

No business disruption.

Huge cost savings potential.

Deer Technology Ltd.



- Our Company was formed in September 2014 by Hugh Mort and Dr. Garry Jackson
- Welsh-based industrial engineering and technology innovators Deer Technology Ltd are behind a new game-changing water meter optical reading device which will deliver substantial savings and efficiencies for your business
- DeerTech offers a new standard in utility–meter reading services and products for measuring and recording water, gas or electricity consumption
- DeerTech’s range of unique, meter-reading/automatic data-retrieval products are based around the core-sensing product – the **LimpetReader**

The LimpetReader



A patent protected, retro-fit, **analogue to digital** solution provided via an opto-electronic package which includes multiple micro-cameras



Low-cost, automatic utility-meter reader with user defined read frequency



Easily fixed onto the faceplate of all types of utility-meter (no pulse output required). Installation process typically 10-15 minutes



Non-intrusive reading / recording of meter register - no need for mains power or to dismantle / replace existing meter or cut-off supply



Collects, transmits and converts to data: high quality, low-distortion images of meter-register directly to a customer accessible database



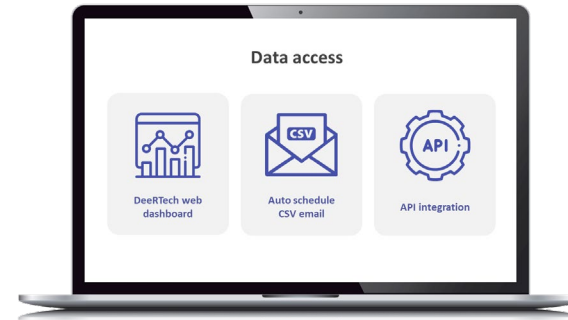
How it works



The **LimpetReader** device is securely attached to the meter without obscuring the meter image.



The **AutoReader** is typically fitted near the top of a manhole, connects to the LimpetReader either by Bluetooth or an IP68 screw-fit wired connection and sends photographic images back to the database via Wi-Fi, 2G or further communication protocols.



The **LimpetReader Data Service** reporting, visualization and exports by time, location, asset owner and consumption.



Current data



IMAGE



0100
11011

DECODED VALUE

04911.58



TIME STAMP

06:22 19-1-2021

Data Access



DeerTech web
dashboard



Export
CSV /Excel
capability



API integration

Customer Validation

*The **LimpetReader** is a great solution and gives us accurate meter reads and, importantly, we are only paying for what we use.*

National Trust



Purchased to overcome mis-reads & overbilling



Require accurate, timely data to effectively manage customer utilities



Multiple site contract to reduce regulatory read costs and fines



Solution to a number of difficult to read meters



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