



BLICKER

The intelligent meter readout assistant



A common struggle for utility companies ...

Globally

>20B

manual meter readings

Even with 'smart meters' on the rise, globally over 20 billion meters readings are performed manually each year on gas-, electricity- and water meters.

of which

>8%

contain (human) error

Manual administration of meter data is time consuming and prone to human error.

which takes

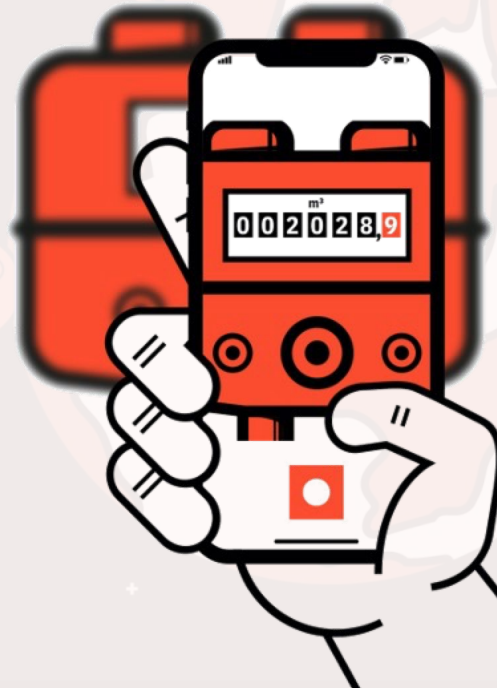
>5 wks

to correct on average

Significant amounts of time and money are spent on validations and corrections of mistakes in meter readings.

Meet Blicker !

THE INTELLIGENT METER READOUT ASSISTANT.
DIGITISE METER DATA FROM PHOTOS. EASY & RELIABLE.



More than just meter readings..

With its combination of unique features, meter data is extracted first-time-right

Detect

- Meter / no meter
- Meter category (electricity/gas/water)
- Display type (analog or digital)

Read

- Meter readings
- Serial numbers
- Barcodes

Qualify

- Image quality
- Reading confidence level

Validate

- Expected consumption ranges
- Expected serial number
- Number of digits or displays
- GPS location
- Date and time of image acquisition



- Superhuman accuracy



- Real-time processing



- Insensitive to rotation and camera position



- Works in dark conditions, with or without flash



- Works in all resolutions

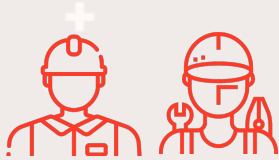


... and not just another OCR



- Top-notch, specialised, deep learning based software
- Self-learning system
- Trained on millions of example meter images
- In all sorts of conditions
- Specialised meter knowledge
- Collects different sorts of information
- Enables real-time conversations and feedback

Empowering utility companies in different ways ...



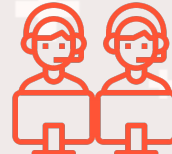
1. Meter readers & service engineers

- Supporting meter readers taking faultless meter readings
- Supporting (smart) meter (de)installation processes with effortless registration of new devices
- Preventing revisits with direct validation and feedback on-site



2. Consumers

- Enabling easy and fraud-proof self meter readings
- Empowering consumers with consumption tracking, despite the lack of a smart meter
- Assisting in real-time when something is wrong



3. Back-office validation teams

- Reducing manual photo inspections and digitisation
- Automatically validating and closing jobs

... resulting in many benefits



Cost reduction & accurate billing

Decrease operational costs through improved accuracy of billing, reduced site visits and customer services calls, field service engineer efficiency, collection charges and legal fees.



Improved data quality & insights

Support strategic asset management by enriching the database with more than just meter readings; serial numbers, meter type, the exact meter location, etc. Quickly resolve any issue with photographic evidence.



Increased customer- & employee satisfaction

Smoothen the customer- and fieldforce experience with an exceptional easy and fast process.

Implementing Blicker is simple and quick...

 **BLICKER**

Name

Email

Password

CREATE ACCOUNT

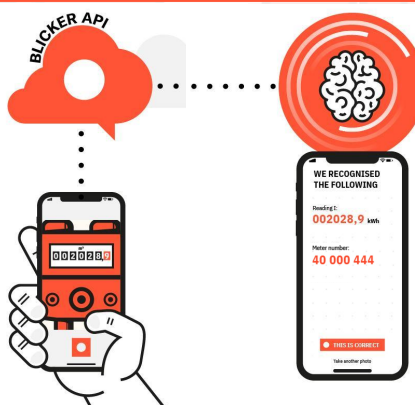


1.

Create an account in the Blicker portal for documentation, examples and to manage access to the API

2.

Add a photo button and frontend integration to your existing apps or interfaces

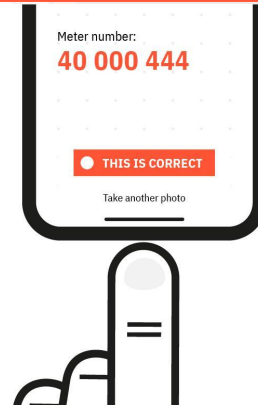


3.

The user will be asked to take a picture which will be sent to our API

4.

Upon which the result is returned in the blink of an eye



5.

The user can be asked to verify the result and approve the data or take another picture

6.

After approval, the final result will be integrated into your meter reading systems



... for all different integration possibilities

Integration in existing software

any existing work-process or app environment for both consumers and service engineers



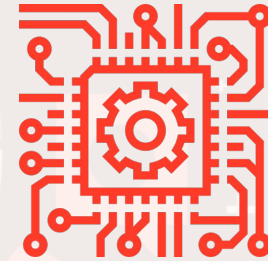
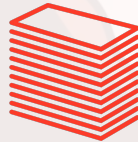
IoT camera devices

real-time monitoring using streaming data from stationary camera devices



Batch processing

scheduled batch processing for validation and other applications



Blicker API

- cloud-based architecture
- real-time
- scalable

Customer case

STEDIN^{NET}



"There is nothing more simple than just taking a picture to gather your data!"

Blicker allows us to get rid of classical forms for meter reading all together, changing them to the simple act of taking a picture.

Arnold van der Bie
CDO
Stedin

Company Stedin Netbeheer B.V.

Website: www.stedin.net

Utility: Gas & Electricity (DSO)

Customers: 4 million households

Application: Blicker for customers

Impact

- 70% reduction in meterreader house visits by enabling consumers to do accurate meter readings through Blicker
- 70% savings in operational costs of collecting meter readings
- Customer satisfaction increased from 15% to 85% 'thumbs up'



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Customer case

Company Brabant Water

Website: www.brabantwater.nl

Utility: Water

Customers: 1 million households

Application: Blicker for consumers & technical staff

Impact

- Customer satisfaction score went up from 8.6 to 9.0
- Errors in meter data reduced with ~90% (from 5% to 0.5%)
- Technical staff rate the improvement of their work with 8/10 on average
- 80% reduction of house re-visits

Frank van der Putten

Manager Market Innovation
Brabant Water

"Blicker helps us reach what is at the basis of any utility company's processes: a faultless meter administration."

Using Blicker to get our meter readings first-time-right aligns perfectly with Brabant Water's position at the forefront of customer excellence, reliability and innovation.



THANK YOU

Customer case



Andy Carter

Director of IT, Innovation & Improvement
Morrison Water Services

"This progressive AI software has demonstrated efficiencies which are central to operating sustainably, while also ensuring a straightforward, high-quality client and customer experience."

"Our successful use of Blicker is another great example of how our people at Morrison Water Services are exploring and embracing innovative digital technologies which create a multitude of benefits for our people, clients and customers."

Company: Morrison Utility Services & Thames Water

Website: www.morrisonws.com

Utility: Water

Client: Thames Water; 15 million households

Application: Meter replacements & installation: new meter registration & old meter reading

Impact

- Reduction of manual back office validations
- Reduction of site re-visits
- Significant increase in data quality
- Adoption amongst field engineers is over 99%

Feel free to get in touch



Noëlle Fischer
Chief Commercial Officer

+31 6 46 49 46 48
noelle.fischer@blicker.ai



Frederike Kool
International Business Developer

+31 1 03 40 29 07
frederike.kool@blicker.ai