



# Fresh thinking for data collection

Meter data collection and management across  
electricity, gas, water and other resources.

**DATA**COL  
[www.datacolgroup.com](http://www.datacolgroup.com)

# Capability across water and energy

## TECHNOLOGY SOLUTIONS

Automatic meter reading, meter reading management, data management and deployment systems

## FIELD SERVICES

Field services for manual and automated meter reading for electricity, water and gas

## CONSULTING

Process consulting for meter data collection, management and billing.

## Redefining “smart” networks

“Big” data is transforming modern business. Being able to collect and process data on a mass scale is enabling large organisations, even whole industry sectors, make smarter decisions about the way they operate and how they use resources.

The driving force of Big Data is being able to make the tough decisions required to produce more while consuming the same, or even less, resources. DataCol’s goal is to make the process easier by collecting, processing and presenting the data you and your customers, need to make those decisions.

Smart networks for utilities are not about automating with technology at all costs, but about designing and implementing smarter approaches to gather, process and present meter data.

DataCol understands this because we are a service business with smart technology. We know the daily reality of collecting meter data from thousands of points, and presenting it so it can be used to make crucial business decisions. Our promise is to make the whole process easier, enabling you to make smarter decisions faster and with more confidence.

## Meter Data Management

- Urban
- Commercial & Industrial
- Rural



## Strategy and Consulting Services

With over 12 years of experience in operating a meter reading field force, DataCol has built up strong industry knowledge and proven methodology across the water, gas and electricity sectors.

DataCol has an “end-to-end” experience with meter data collection, from the gathering of meter information right through to customer billing. Within that, we have experience across the technology strategies that can be used, from manual meter data collection through to remote, automated metering technology.

DataCol works with utilities, councils, commercial businesses, farmers and service providers to analyse meter reading performance and identify initiatives for improvement. We can help project-manage changes, and specify the introduction of new technology.

## Meter Reading Services

### A complete water and energy monitoring solution

If it’s got a meter, DataCol can read it. Well, at least if you want to read water, gas or electricity meters in the most efficient way possible. We offer a comprehensive Meter Reading solution that will improve efficiency and help save your organisation time and resources, and work and sync with third party providers such as Itron, Siemens, Burkert and ABB.

We offer an array of metering solutions in the form of:

- Deploying a manual meter reading (MMR) field force
- Automated meter reading (AMR) which is seamlessly upgradeable to advanced metering infrastructure (AMI) systems
- Time of use (TOU) data collection
- Remote meter data collection through telemetry

DataCol has wide experience in urban and rural environments, which gives us the know-how to help you plan and implement flexible and cost-effective reading systems. Our solutions can integrate into your current operations, and will evolve as you grow or as new advances in technology emerge.



## Meter Reading Management

**The speed, accuracy and quality of meter readings have an immense impact on your ability to satisfy customers and build a profitable business.**

DataCol is at the forefront of helping Australian and New Zealand utilities and councils to collect and manage metering data more effectively. Rather than relying on expensive and inflexible proprietary technology we apply fresh thinking, open technology and industry experience to provide solutions that make the collection of metering data smoother.

For Meter Reading Management, we utilise the SevenX system, which consists of server software that manages field force logistics and collects meter data from handheld units (HHU) in the field via manual or automated reads. Based on open technology, SevenX allows our customers to use commodity priced handheld computers rather than expensive and inflexible propriety hardware. Clients purchase their own hardware if preferred.

Utilities are using SevenX to make their meter reading more efficient and cost-effective, and enable them to improve customer service.

## Meter Data Management

**Redefining smart means being able to apply fully automated, remote meter data collection systems when they are the best solution.**

DataCol offers intelligent metering solutions in the form of automated meter reading (AMR), advanced metering infrastructure (AMI) systems and online data presentation portals.

The company has wide experience in urban and rural environments, which gives it the know how to help you plan and implement flexible and cost-effective reading systems. Our solutions can integrate into your current operations, and will evolve as you grow or as new advances in technology emerge.

For example, in the water sector we have developed some powerful monitoring solutions to help organisations improve the efficiency of their water use. We provide an end-to-end water monitoring solution that includes: metering technology, installation services, data telemetry, data collection, data presentation via the web and compliance reporting services. DataCol has become an authorised data service provider in New Zealand, and audit approved for compliance with irrigation resource consents.

We offer a fresh, smart approach by:

- Deploying the right technology solution for your meter data collection challenge
- Offering cost-effective metering technology that can be deployed on a large scale with partner organisations
- Utilising sophisticated data collection and presentation solutions so you can make use of data in real-time e.g. interfacing with data warehousing systems
- Provide web and mobile access to meter data for compliance or management use.

## Meter Deployment and Management

**Worried about the logistics of deploying smart meters? Need a vendor with proven technology to achieve efficient deployment which meets customer expectations?**

DataCol has developed a software solution called DataFlow to help utilities manage the logistics of this roll out, improving communication with customers and reducing costs per install.

DataFlow enables Field Service Providers, (FSP) to efficiently distribute meter installations across a geographically dispersed mobile workforce, offering greater visibility and control over the installation process.

DataFlow can also be used by field forces to manage metering services, manual reconnections and disconnections, and fault dispatch.

## Revenue Collection

**DataCol takes meter data collection to the next step, providing an outsourced revenue collection service.**

We can produce customer invoices, or interface metering data into your billing systems, provide a call centre service for enquiries and undertake debt recovery services.

**DATA COL**  
[www.datacolgroup.com](http://www.datacolgroup.com)



## About Datacol

DataCol is a Christchurch, New Zealand – based company that helps organisations, utilities and councils collect, manage and present meter consumption data. DataCol has a history of providing products and services that help utilities improve their metering, and now offers similar services in the primary processing sector to monitor water and other natural resource use.

Established in 1999, DataCol has over 200 employees and contractors and gained widespread recognition for its service commitment and levels of innovation.

A fully owned subsidiary of New Zealand energy distribution company Electra with group turnover around \$74 million and total assets of \$261 million.

Water customers include:

- Watercare Services
- Sydney Water
- Hamilton City Council
- Dunedin City Council
- Tauranga City Council
- Nelson City Council
- Waimakariri District Council
- Siemens
- Irrigation Components Australia



Electricity and gas customers include:

- University of Auckland
- Umeme
- Bosco
- Contact Energy
- Energy Online
- Genesis Energy
- Kiwi Income Property Trust
- OnGas
- Powershop
- TrustPower
- Meridian Energy
- Pulse Utilities

