

# Why Choose ProEconomy?

We know water.



**Royal Warrant Holders**  
Water Treatment Services  
To Her Majesty The Queen



**Results**  
0 Legionella cases in  
over 25 years.

**200+**  
SITES WORLDWIDE

**Trusted by the  
biggest and the best**  
We treat over 200 sites  
worldwide including; 5  
leading hospitals, The  
European Space Agency  
and Baxter's Food.



**Research**  
Innovative research and  
development department  
led by Dr Birgitta Bedford.



**Experts In Our Field**  
Investing in the latest  
training to equip our  
engineers with the highest  
degree of knowledge  
and expertise.



**Latest Technology**  
From our cloud based  
water management  
system (Tetras) to 3D  
printed pod inserts. We  
pride ourselves in being at  
the cutting edge.



**Customer Focused**  
Our clients are at the  
centre of every decision  
we make. Ask us about  
our client retention...  
we're really proud of it.



**Value**  
We believe in producing  
lasting value for  
our clients.

# Copper Silver Ionisation

For over 25 years we have been controlling Legionella, Pseudomonas and other waterborne pathogens with our copper & silver ionisation system, **Orca**.

A relatively new modality for the control of waterborne pathogens, study after study carried out by scientific institutions worldwide has shown that copper and silver is highly effective at killing bacteria.

This, combined with the fact that our copper and silver water treatment system has never failed to control Legionella in a sites premises, ensures that leading clients such as Birmingham Heartlands Hospital, The European Space Station, Great Ormond Street and Addenbrookes Hospitals and the Royal College of Surgeons can be assured they are running a compliant, safe site.

For more information call  
**01525 854 111**  
or visit  
**www.proeconomy.com**

# Why choose an orca system?



## Non-Corrosive

Copper silver ionisation is non-corrosive to pipes, hence reducing the amount of system maintenance required.



## Great Residual Effect

Copper and silver ions remain active until they are consumed. Therefore, copper and silver ionisation has a longer residual effect than other water disinfection methods.

Unlike some other water treatment modalities, copper and silver ions do not "gas off" meaning the required concentrations at outlets are successfully maintained.



## Environmentally Friendly

The Orca system uses 100% recycled materials and allows water temperatures to be reduced, helping to save money, carbon and the environment.



## Distribution Site Wide

The Orca distributes active copper and silver ions throughout the water system and into the biofilm so that whole water systems for even large buildings are treated.



## Compliant

Compliant with WRAS, HTM0401, ACOPL8 and EU Biocidal Products Directive Article 95 listed.



## 5-Year Warranty

We believe in the quality and efficiency of our Orca systems. That's why we offer 5-year warranties on all of our systems, including all spares and repairs.



## Engineered From Inlet to Outlet

Innovation is at the heart of what we do, therefore, we engineer everything from removable pod cartridges to remote access.



## Safe

The Orca system is safe to handle with no COSHH issues, is non-toxic to humans and the environment, making it a safe alternative to other water treatment modalities.



## Compliments Temperature Control

Copper silver ionisation is unaffected by temperature and so is great if temperatures are hard to maintain.



## Helps diagnose problems

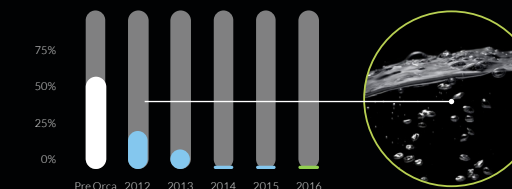
Testing for silver site wide helps diagnose issues and makes remedial actions more targeted.

# Water sampling & monitoring

Following years of water sampling and monitoring we have recently developed our, cloud-based water management system, **Tetras**.

This system uses cutting edge mobile and GPS technology combined with the latest UKAS approved laboratory sample management systems to enable clients to use their desktop, tablet or smartphone to view where and when water samples are taken, together with the corresponding laboratory results.

Tetras is revolutionising water sampling and monitoring to ensure water issues are detected, and therefore treated, before contamination occurs.



# Why use tetras?



## Stress Free

Using our high levels of experience and cutting-edge mobile and GPS technology, Tetras takes the stress out of sampling so you can focus on improving your water quality.



## Easy Online Access

Access your real time results, trending and sample interrogation quickly with an easy to use interface on your desktop, tablet or smartphone.



## Local Focus

We have engineers and samplers based in regions across the UK so you can be assured we're on hand when you need us.



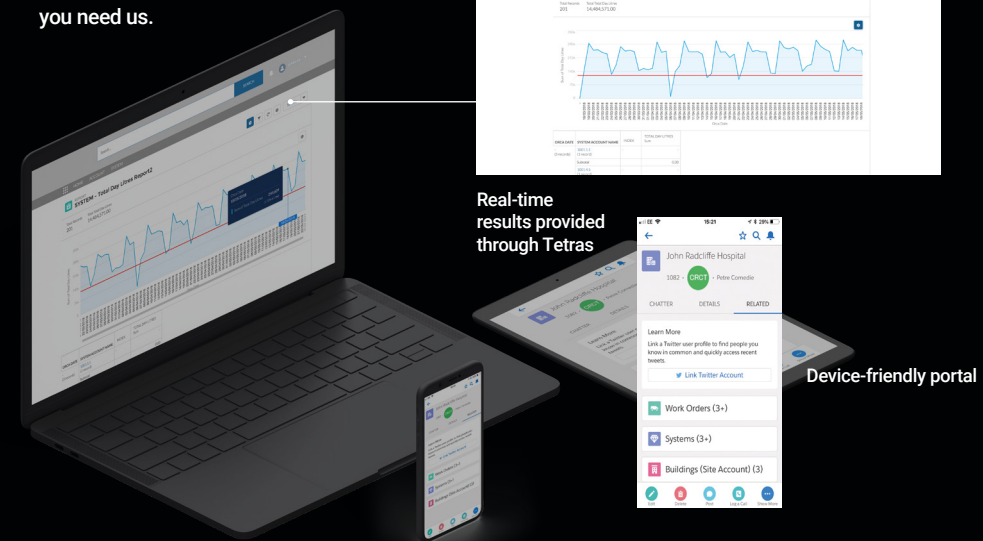
## Compliant Results

We only use external UKAS approved laboratories to provide water analysis so you know your results are accurate and compliant.



## Experienced Samplers

Our samplers are all City and Guilds accredited with years of experience and training.



Trusted by  
the biggest  
and the best

The Orca is successfully  
controlling waterborne  
bacteria at over 200 sites  
across the UK, Europe  
and worldwide, including  
at Windsor Castle,  
Birmingham Heartlands,  
John Radcliffe and Royal  
Free Hospital.



*"ProEconomy's solution was so successful at Heartlands that within seven months it was installed at Solihull Hospital and Good Hope Hospital."*

Tony Wright, Estates Manager,  
Birmingham Heartlands

*"It's the first time, after 20 years in estates, I've come across a system that's so effective in managing your water system. It's a blessing"*

Head of Operational Estates at  
Churchill Hospital

*"Since installation of the Orca system we have effectively eradicated Legionella."*

Kidderminster Hospital

*"The hospital water system is now under control due to the Orca system."*

Basildon University Hospital

*"We are very satisfied with the service and assistance ProEconomy provides."*

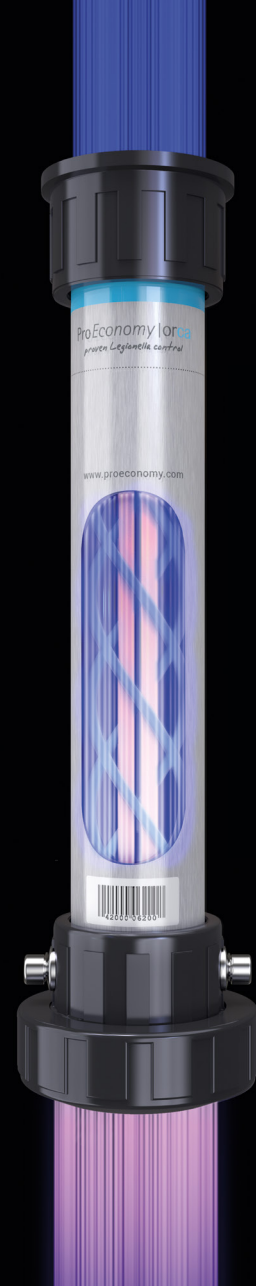
Wealden District Council

*"ProEconomy are a very reliable and approachable contractor, their products work and are reliable."*

Northamptonshire NHS  
Foundation Trust

*"The site service technician explains what works are being undertaken at all times. The analysis of the water testing results by the Orca team is always very comprehensive. We have built a good working relationship where we can explore ideas and develop worthwhile on-going quality assessments."*

Claire Hennessy, Head of Operational Estates at Oxford University NHS foundation trust



## The Orca System

A modular system that's scalable for every application.



THE  
KB1

2 POD  
5-100 litres  
per minute



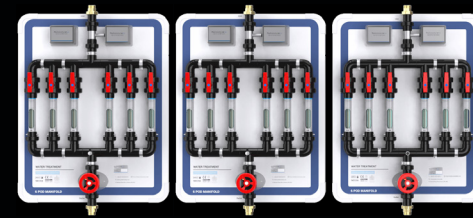
THE  
KB2

6 POD  
100-250 litres  
per minute



THE  
KB3

12 POD  
250-400 litres  
per minute



THE  
KB+

18+ POD  
400+ litres  
per minute

## With you every step of the way

Using both our Orca ionisation system and Tetras cloud-based water management system ensures your water is safe and compliant.



Data from our Orca systems, sample results and maintenance visits are logged within our Tetras system.



Using your client portal, you can then view and analyse your results on your desktop, tablet or smartphone.



Our client relations team are on stand by to advise on results, attend water safety meetings, offer training and resolve any issues you may have.



ProEconomy

For more information call  
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BY APPOINTMENT TO  
HER MAJESTY THE QUEEN  
WATER TREATMENT SERVICES  
PROECONOMY LIMITED  
MILTON KEYNES

ProEconomy|orca

Copper and Silver Water Treatment

The most advanced water  
treatment and monitoring