



**PLC GROUP**  
ACTIONABLE INTELLIGENCE

# AQue

## Actionable Intelligence Platform for Facilities Management

Telecos | Data Centers | TowerCos | Integrated Buildings

### Our Solutions



Smart Energy  
Management



Security & Surveillance  
Management



Cooling  
Management



Environmental  
Management



Building Management  
System



Access Control  
System



Data Center Infrastructure  
Management

## What We Provide

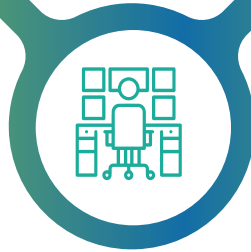
Data Analytics



Facilities Management Software



Remote Monitoring Hardware



OEM Integration



PLC delivers Actionable Intelligence using existing data from various data sources without requiring additional hardware and sensors. With years of telecom expertise, combined with AI/ML, sensory elements and hardware, AQue software, and integrations with industry leading OEMs: our customers experienced 30-50% of sustainable TCO reduction within their facilities.

## Actionable Intelligence



Remote Visibility



Energy Efficiency



TCO Optimization



Sustainability



Reduce Carbon Footprint



Operational Excellence



Maximize Uptime



Smart Decisions



Forecasting

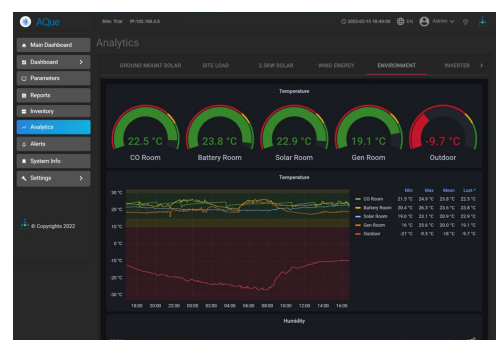
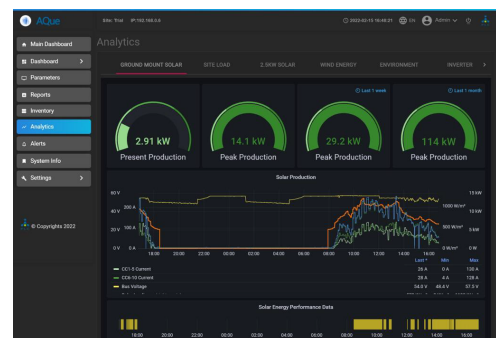
# Actionable Intelligence as a Service (Alaas)



## AQue Modular Software

### Role Specific Modules

- Operations & Maintenance
- Planning & Engineering
- Procurement & Supply Chain



## USPs



30-50% TCO  
Reduction



Smart Energy  
Management



Upto 90% Accuracy  
in Planning & Forecasting



Vendor Performance  
Evaluation

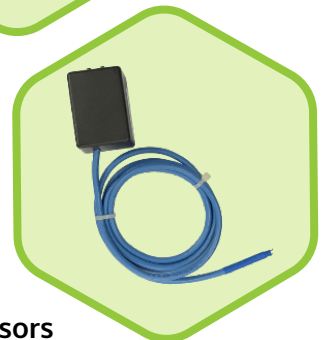
## AQue Hardware

- All in one
- Edge communication
- Smart controls
- On-board data logging
- Multi-protocol support
- Multi-communication support

Universal Controllers

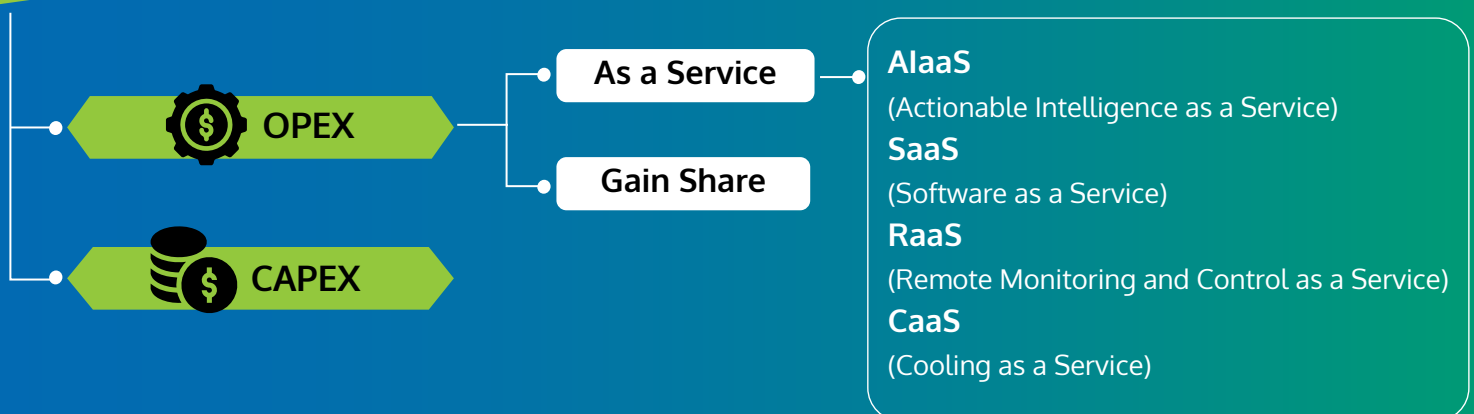


Communication Gateways



Sensors

## AQue Platform Commercial Model



## AQue Connectivity Options





# AQue

## Integrations with Third Party OEMs

### HVAC

AIRSYS

ACSON  
International

annexAir

Bard  
HVAC

Dantherm®

Industrial  
Climate  
Engineering

MITSUBISHI  
ELECTRIC

FUJITSU

Liebert®  
Keeping Business in Business

Marvair®

### DC Power

alpla

ELTEK  
always on

VERTIV

GE

### Generator

CAT

Cummins

DSE  
DEEP SEA  
ELECTRONICS

FG WILSON

GENERAC

KOHLER  
Generators

JNH

### Energy

ACCUEVERGY

CENT

Schneider  
Electric

SHARK

EATON

ELKOR

### Security

AXIS  
COMMUNICATIONS

SIEMENS

TRENDNET®

EVERVIEW

HID

ECLIPSE  
SECURITY

### Tower Light

TOSHIBA  
Leading Innovation >>>

CEU  
Energy Solutions  
Smart Solutions at the Grid Edge

HUGHEY  
HP  
PHILLIPS

Diallight

BENNING

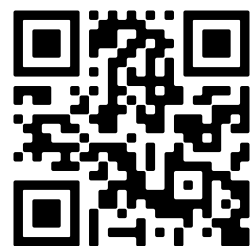
GE



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# ICT COOLING

Telecom | Data Centres | TowerCos

Integrated cooling solution with high energy efficiency, long-term reliability, and real-time visibility and control for continuous facilities optimization.

# Reducing Cooling Costs for Critical Facilities

PLC delivers Actionable Intelligence with our state-of-the-art universal HVAC controller.



## Benefits



60-80% Energy Savings



90% Sensible Cooling



AC/DC EC Fans



Lowered TCO



High Precision



Intelligent Control



## Wall Mounted HVACs



### **UNICOOL** - Variable Compressor

- Most energy efficient WPU
- Reduced maintenance costs
- 100% free air cooling
- Remote monitoring and analytics
- 4 models ranging from 1-10 tones
- EER varies between 11-22
- 50-80% reduction in cooling energy

### **MOBILECOOL** - Fixed Compressor

- Up to 92% sensible cooling ratio
- Reduced maintenance costs
- 100% free air cooling
- Remote monitoring and analytics
- 3.5 ton MOBILECOOL = 5 ton generic
- EER varies between 10-10.5
- 50-80% reduction in cooling energy

## Free Air Cooling Units



### **PACKAGED/SPLIT** - Free Air Cooling Box

- Ideal for increasing free cooling hours on sites with existing HVACs
- Packaged and Split are available in 2 and 5 models respectively
- 50-80% reduction in heating and cooling energy
- Remote monitoring and analytics
- Minimal maintenance required
- Robust design for long term reliability
- Filter life enhancement and energy saving algorithms



## Cabinet Cooling Units

### **TELECOOL** - DC or AC

- Provides uniform temperature for cabinets in all weather conditions
- Variable speed compressor
- Optional free air cooling
- Energy efficient
- Optional remote monitoring and analytics



## Computer Room Air Conditioners (CRAC)

### **OPTIMA II** - 40 kW Modular

- Modular CRAC unit for medium to large data centres
- Ideal for new or old rooms with space limitations
- 40 kW modules to build capacity and redundancy
- Free air cooling options
- Optional remote monitoring and analytics
- Variable Frequency Drive (VFD) compressor
- Compact and quiet condenser design



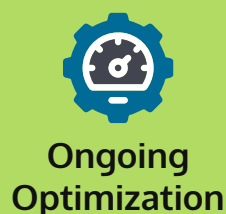
# Universal HVAC Controller



## Multiple HVACs Control (Intelligent & Non-Intelligent)



## Software



# Our Support & Services



Essential Spare  
Parts Kits



Installation



Turnkey



Free  
Training



Project  
Management



24/7  
Support



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