



Hyperion Energy

Overview & Project Experience

August 2025

Global Know How

ENGINEERING | TECHNOLOGY | BUSINESS



Hyperion Group at a glance

hyperionconsulting

hyperionpowerservices

hyperiongroup



More than 500 projects in 51 countries

Privately held, independent, globally operating technology group with over 25 years of experience in providing business, technology, and engineering advisory, consulting and implementation of advanced manufacturing operations systems and solutions for the **Hydrocarbons, Chemicals and Power Generation** industries.



Global customers



Examples of our work / Problems we solve



Production Planning Optimization for over 30 refineries and petrochemical plants across the Middle East and Russia.



Primary crude distribution logistics optimization system and audit for the largest Russian company.



Control and terminal automation technology for several plants in Cyprus (fuel terminals, LPG, and Desalination)



Owner's Engineers services for Power Generation companies in North & Latin America.

Indicative Customer Engagements



10 years of cooperation on Manufacturing Execution Systems technology (15 sites in 11 countries)



Audit & delivery improvement services on refinery planning and primary logistics optimisation



IT/OT FEED Studies for CAPEX expansion. Setup, Run (managed over 85 IT related projects) and Transition a PMO Project Management Office for Borouge



Over 15 years of delivering & Supporting Turn-Key Operator Training Simulators for multiple sites, subsidiaries and JVs (activity divested in 2020)



On-site Kuwait resident engineering team supporting advanced solutions for all refineries for over 15 years



Multi-year engagements for PMC/Owner Engineer services

Three Solutions Delivery Verticals



Consulting, advisory services and systems solutions in the areas of manufacturing operations and supply chain management optimization.

Europe
Middle East



Consulting & advisory, as well as a wide range of engineering and project support services to owners and operators of power plants

North America
Latin America
Cyprus & East Med



Technology, equipment, software solutions and specialised services to both operating companies as well as engineering & construction companies

Cyprus
East Mediterranean

Our Mission

To address the needs of the developing hydrocarbons industry in Cyprus and the East Med region and become the leading provider of expert and support services, equipment and technology to the Process, Power Generation and Hydrocarbons Industries in Cyprus and the Eastern Mediterranean

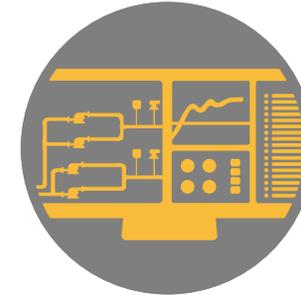
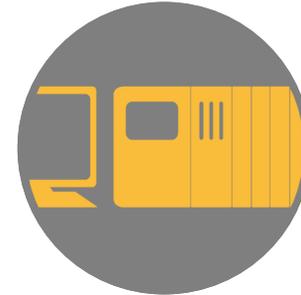
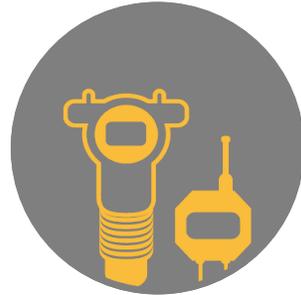
What We Do

We provide **process technology & automation equipment, software solutions** and **specialised services** to operating oil & gas and E&C companies newly active in the East Med, as well as existing manufacturers and operators in Cyprus.

- Process Automation & Control Solutions
- Field Instrumentation Technology
- Process equipment including custom process unit fabrications, flow control valves, and other hardware.
- Specialised Upstream-oriented software and solutions for pipeline management, and Gas/Oil Field Development

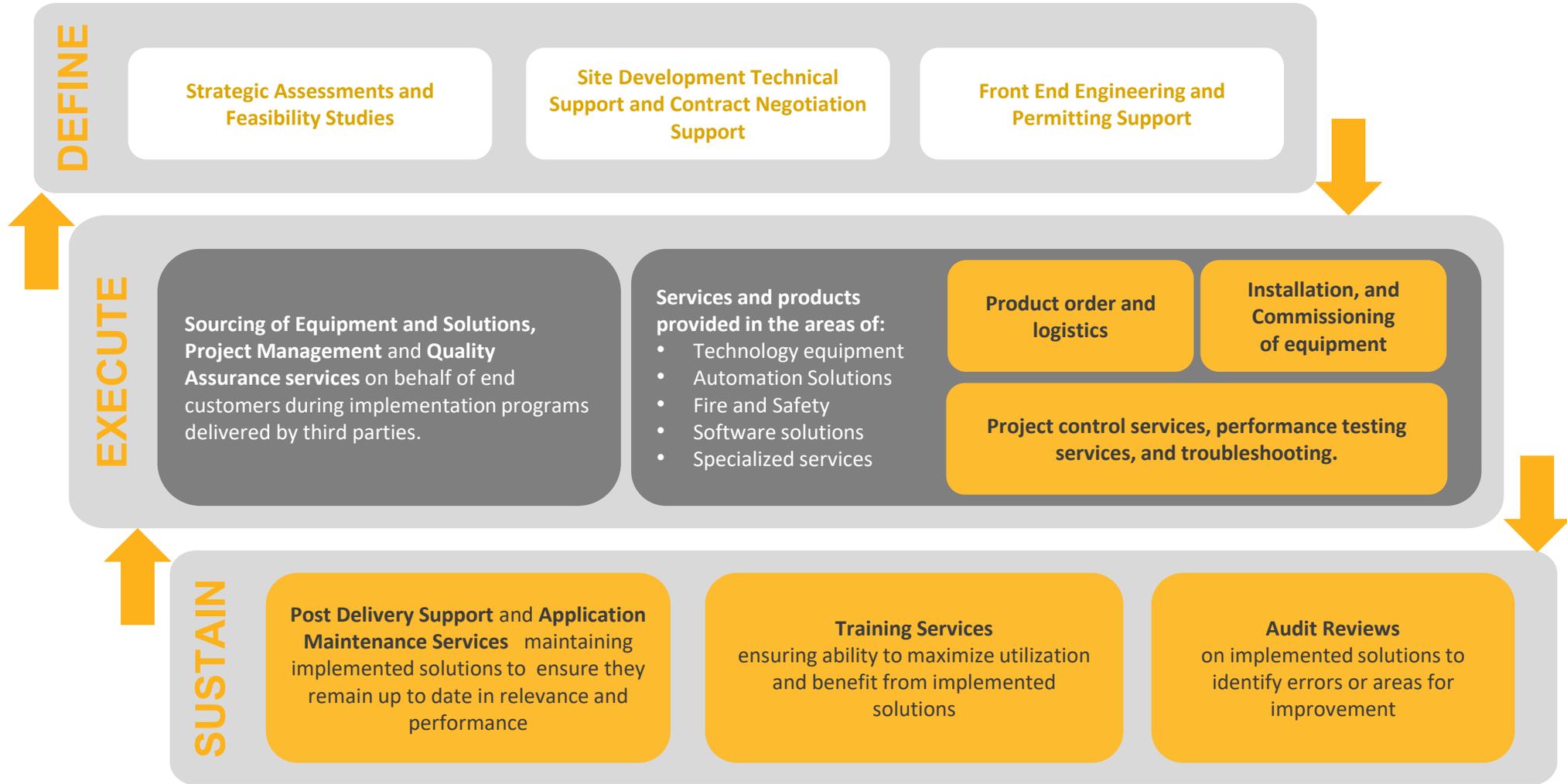


Our evolving portfolio of offerings



- offshore mooring systems
- packaged power generation systems
- loading arms for liquid fuel
- loading arms for LNG
- double block & bleed valves
- gate, ball & butterfly valves
- filter water separators
- custom-built process unit fabrications
- process & field instrumentation
- on-line sensors
- level measurement & control
- fire & gas detection sensors
- distributed control systems
- emergency shut-down systems
- SCADA systems
- all types of RTUs and PLCs
- supervisory control software
- pipeline management software
- surface facilities simulation
- flow assurance studies
- studies for equipment sizing

Hyperion Energy Offerings & Delivery Methodology



Hyperion Energy Partnerships



Hyperion Energy Partnerships (1)



Honeywell

Enraf

Hyperion is the authorised distributor of Honeywell Process Solutions for the entire line of Control Systems, pressure/temperature transmitters and other field instrumentation equipment relating to all process manufacturing with emphasis in the petroleum and water sectors.

For over 50 years, Honeywell Enraf designs, produces, commissions, and services precise instruments and inventory management systems for bulk storage tanks - large/small, heated/refrigerated, spherical/cylindrical, fixed/floating roof, above/underground - for crude products, chemicals and water.

Honeywell are also a leading global provider of gas meters and related communications, networking and software solutions for measurement and regulation of gases, for automation of industrial furnaces, for control of heat treatment processes and regulation of heating appliances.

www.honeywellprocess.com/en-US/explore/products/pages/all-products.aspx

KANON
LOADING EQUIPMENT

KANON are Dutch manufacturers of a complete line of refined product, crude oil, petrochemical and LNG loading arms for Truck loading, Rail car loading and marine jetty applications for loading ships. (Kanon supplied all the loading arms at the VTTV Vasilikos T-Jetty for loading and unloading ships ranging from fuel barges to ocean-going tankers)

www.kanon.nl

Hyperion Energy Partnerships (2)



| | |
|--|--|
|  The logo for SAIPEM, consisting of a stylized blue and orange 'S' icon followed by the word "SAIPEM" in a bold, black, sans-serif font. | <p>With head offices in Milan Italy, presence in over 60 countries and 32 thousand employees of 120 different nationalities, Saipem is a leading company in engineering, drilling and construction of major projects in the energy and infrastructure sectors. Saipem is organized in four business divisions (Offshore E&C, Onshore E&C, Offshore Drilling, Onshore Drilling). www.saipem.com</p> |
|  The logo for bluewater, featuring the word "bluewater" in a white, lowercase, sans-serif font inside a solid blue rectangular box. | <p>Based in The Netherlands, Bluewater design, engineer, construct, install and deliver Floating Production, Storage and Offloading (FPSO) systems, Floating Storage and Offloading (FSO) systems and Single Point Mooring (SPM) systems through turnkey supply and time charter contracts. www.bluewater.com/products-technology</p> |
|  The logo for CONTROL seal, featuring the word "CONTROL" in a blue, uppercase, sans-serif font above the word "seal" in a black, lowercase, sans-serif font, with "valve manufacturer" in a smaller black font below. | <p>Control Seal are based in The Netherlands and manufacture a complete range of DBB/DIB rising stem plug valves used on storage tank projects and custody transfer metering systems. www.controlseal.nl</p> |
|  The logo for OMNI VALVE, featuring the word "OMNI" in a blue, uppercase, sans-serif font above the word "VALVE" in a smaller blue, uppercase, sans-serif font, with a stylized blue valve symbol to the left. | <p>Based in Muskogee, Oklahoma, Omni is an original equipment manufacturer with a diverse and growing customer base. Since 1997 Omni surface safety and isolation valve solutions have helped mitigate the environmental impact of conventional energy production by preventing unintended product release, ensuring volatile product segregation reducing CO2, methane, and other GHG emissions. www.omnivalve.com</p> |

Hyperion Energy Partnerships (3)



| | |
|---|--|
|  | <p>Velcon manufactures filtration systems, including vessels and replacement cartridges that meet specific requirements for processes that filter, purify, and remove water from hydrocarbon fuels, oils and other fluids. Parker is a world leader in motion and control technologies across a wide range of industries. www.parker.com</p> |
|  | <p>UK based CENTRAX, manufacture and service gas turbine powered generator sets (3.9 MW to 66 MW), used mainly for combined heat and power but also in base load, simple cycle and standby applications. www.centraxgt.com/products</p> |
|  | <p>Headquartered in Austin, TX, Dover Fueling Solutions is part of Dover Corporation and a leading provider of advanced energy dispensing equipment, electronic automation, point-of-sale and payment systems, automatic tank gauging and subscription solutions to fueling and convenience retail customers worldwide. www.doverfuelingsolutions.com</p> |
|  | <p>Since 2003, Safetec, Italy specialise in the supply of Fire & Gas Detection to Fire Suppression, Emergency Shut Down, Public Address, HIPPS, MMS and BMS systems, for the Oil & Gas, Utilities, Marine and Industrial Manufacturing markets. www.safetec.it</p> |
|  | <p>Based in Milan, Italy, REPCo supply a wide range of pipeline products, such as pig launchers/receivers, wellhead separators, gas separators, pressure vessels, duplex/simplex basket strainers, etc. www.repcomilano.com</p> |

KANON Solutions Portfolio



KANON Loading Systems are in use with the widest range of liquids and gases, from cryogenic to high temperature applications, and including the most hazardous or corrosive fluids.

KANON has supplied equipment direct to customers in all areas of the processing industry including chemical, petrochemical, storage terminals, pharmaceutical, healthcare, food and beverage as well as providing systems via many of the leading international engineering houses

- SWIVEL JOINTS
- MARINE LOADING SYSTEMS
- MARINE LOADING ARMS
- TRUCK TOP LOADING ARMS
- TRUCK BOTTOM LOADING ARMS
- CROSS-OVER BOTTOM LOADING
- FOLDING STAIRS & PLATFORMS



KANON can provide the following services:

- Installation
- Commissioning
- Supervision
- Periodical inspection
- Survey
- Maintenance, Repair & Modification
- Training on the job for operators and maintenance personnel

All KANON equipment is manufactured fully in compliance with applicable codes & standards, e.g.:

- PED 97/23/CE (Pressure Equipment Directive)
- ATEX Directive 94/9/EC
- OCIMF (Oil Companies International Marine Forum)
- ASME Codes
- EN/ISO Codes

KANON is SCC (Safety Checklist Contractors) certified by Lloyds and its Service Engineers are each certified with both WA-1 (basic safety training) and WA-2 (advanced safety training) for staff personnel

Control Seal Portfolio

hyperionenergy

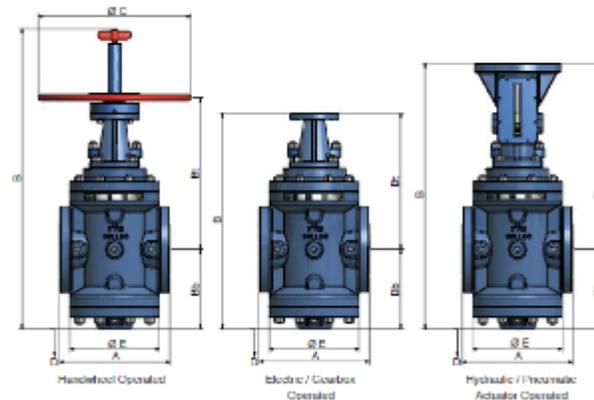
CONTROL
Seal
valve manufacturer

With over 30 years of experience in the valve business and over 100 years in precise engineering, Control Seal delivers both standard and non-standard solutions. Control Seal valves are well known and appreciated by the world leading EPCs and oil and gas companies for its high performance in extreme conditions. Its products find application in refineries, molecular sieves, metering skids, tank farms, airports, pipelines and many more.

- Dual expanding Double Block & Bleed plug valves
- Non-contact Rising Stem Ball valves
- 4-Way Diverter Valves
- Axial Flow Valves
- Swirl Valves
- Special Gate Valves
- Tank Bottom Drain Valves



Dimensional Data - ANSI Class 600 - Reduced Bore - DBBV



PRODUCTION

- Quality guaranteed by certification based on both customer requirements and governmental legislation.
- Production using high quality 3D CAD, 3D CNC Manufacturing System and 3D measurement tools.

TESTING

- Advanced testing lab to ensure durability of Control Seal valves.
- Fire safe, high temperature and cryogenic testing performed inhouse to prove the valves operation in extreme conditions.

SUPPORT

- Total after-sales support, quickly and efficiently
- Highly skilled engineers and technicians available around the clock, seven days a week, to respond to customer queries, troubleshoot problems and offer reliable solutions.

OmniValve Portfolio (selected items)



Omni is an original equipment manufacturer with a diverse and growing customer base. Since 1997 OMNI surface safety and isolation valve solutions have helped mitigate the environmental impact of conventional energy production by:

- Preventing unintended product release
- Ensuring volatile product segregation
- Reducing CO₂, methane, and other GHG emissions generated during the production, storage, and delivery process



● DBB/DIB Expanding Plug Valves

High integrity double block and bleed expanding plug valves for product isolation, blending, metering, custody transfer, fueling operations, terminal, storage and other land or offshore zero leakage applications. Ideal for a variety of applications including leased automated custody transfer (LACT), product metering, aviation fueling, product isolation, blending, lockout/tagout (LOTO), multi-product manifolds, tank storage and other DB&B applications.

Model Sizes: 2"-36" | Class 150-900 | Available in gear or handwheel operated.



● Model FS - Forged Gate Slab Gate Valves

Omni Model FS forged-body slab gate valves are designed for oil and natural gas wellhead, manifold or other critical service applications.

FS Max Operating Pressure: For 2,000 - 15,000 PSI
FS Sizes & Stroke: 1 13/16" through 4 1/16" bore
API Material Class: AA / BB / CC
API Temperature Rating: (-29 C to 82 C)

● Model CX - Cast Expanding Gate Valves

Omni Model CX cast-body slab gate valves are designed for oil and natural gas wellhead, manifold or other critical service applications.

CX Max Operating Pressure: For 2,000 - 5,000 PSI
CX Sizes & Stroke: 2 1/16" through 7 1/16" bore
API Material Class: AA / BB / CC
API Temperature Rating: (-29 C to 82 C)

Bluewater Portfolio



Bluewater designs, engineers, constructs, installs and delivers Floating Production, Storage and Offloading (FPSO) systems, Floating Storage and Offloading (FSO) systems and Single Point Mooring (SPM) systems. Ever since its incorporation in 1978, Bluewater has been a technological front runner in the SPM business.

- FPSO / FSO
- SINGLE POINT MOORING
 - TURRET MOORING SYSTEMS
 - CALM / CALRAM BUOY SYSTEMS
 - TOWER LOADING / MOORING
- MULTI BUOY SYSTEMS

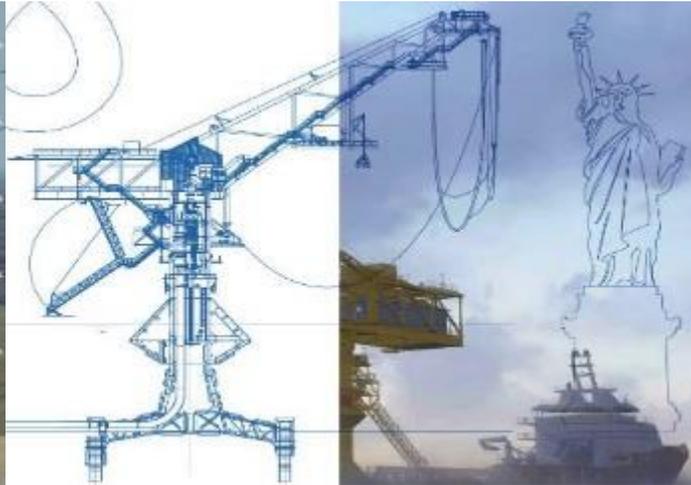
Oceans of knowledge

bluewater

A Bluewater tower mooring system can be as high as the Statue of Liberty

| | |
|----------------|--------------|
| Derrick height | 127 m |
| Derrick weight | 3,000,000 kg |

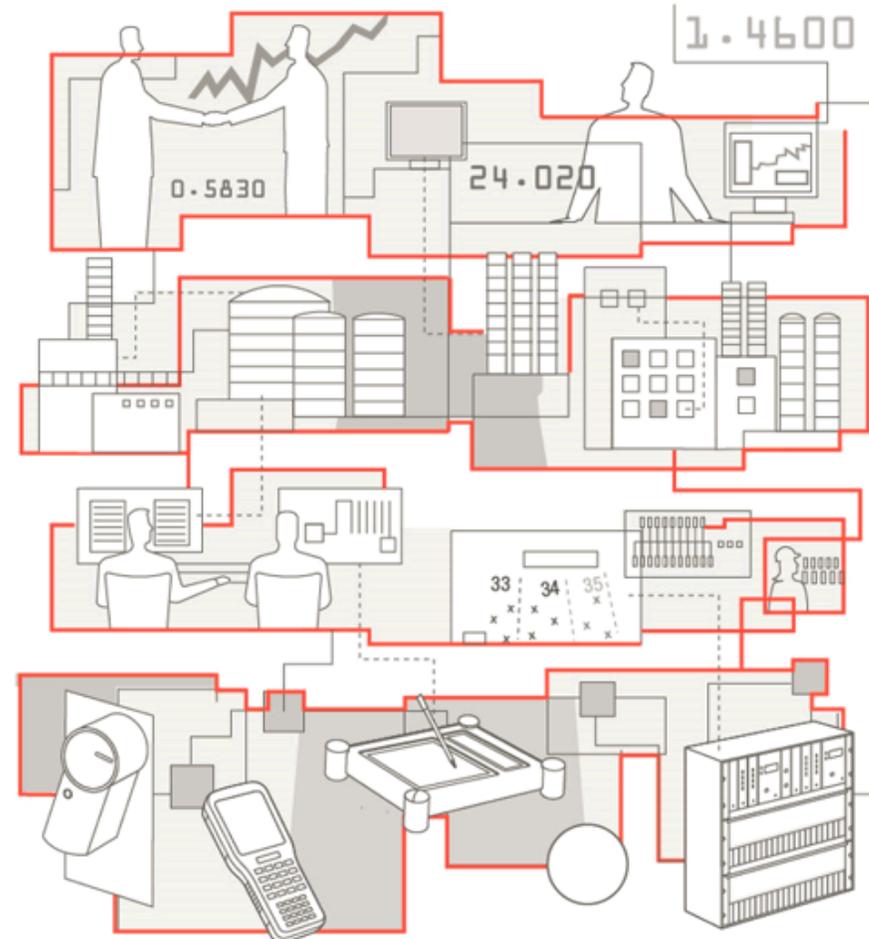
FACT



- Bluewater **owns and operates a fleet of high specification FPSOs** designed to operate in the harshest environmental conditions, under the most stringent regulatory regimes.

- Bluewater is a technology leader in the design of **buoy mooring systems** for the safe and efficient conveyance of crude, oil products and a host of other fluids, gases and slurries.

- Bluewater designs the most advanced **turret mooring systems**, integrating all functions for mooring, product and power transfer in one compact configuration.



Best in class performance

Lowest cost of ownership

Seamless integration with Experion platform

Portfolio

- Pressure transmitters
- Temperature transmitters
- Level transmitters
- Flow meters
- pH, conductivity, dissolved oxygen measurement
- Thermal conductivity



Terminals and Storage Solutions

Honeywell

hyperionenergy

ENABLING CUSTOMERS TO STORE MORE AND MOVE FASTER

Full range of terminal products
measuring liquid
Industry leading accuracy and reliability
Vendor neutral with modular installation
Lowest total cost of ownership,
highest return on investment



Portfolio

- High accuracy radar and servo level
- Temperature profile
- Tank inventory systems
- Calibration provers
- Loading and unloading solutions
- Blending and additive injection
- Safety and security
- Terminal operations management
- MIS and TAS software solutions



Gas Measurement

Honeywell

hyperionenergy

COMPREHENSIVE GAS SOLUTIONS ACROSS THE COMPLETE GAS VALUE CHAIN

Safe and accurate in extreme conditions

Flawless performance over decades

Widest range of regulators offered

Experion PKS integration (Skids & Solutions))

Portfolio

- Flow meters
- Volume correctors
- Flow computers
- Gas management software
- Pressure regulators
- Safety devices
- Gas trains (land and marine)
- Integrated packages



Scalable Control Solutions

Honeywell

hyperionenergy

PROVEN CONTROLS EXCELLENCE, INNOVATING FOR TOMORROW

Full range of automation solutions from single loop controller to full size DCS

Leader in process control systems with best in class loop and batch control

Flexible to suit any size of operation

Lower installed cost and improved end product quality



Portfolio

- ControlEdge PLC
- Experion LX DCS
- Experion HS SCADA
- ControlEdge RTU2020
- ControlEdge HC900 Safety
- MasterLogic PLC
- Total Care Field Services for Control Systems



Safe, Accurate and Reliable Operations

Honeywell

hyperionenergy



Proven

Proven at all major oil and gas players globally – IOC, NOC, terminal operators, gas utilities, and more



Safety

Operates in the most stringent environments (extreme pressure / temperature) and handles hazardous material



Standard-compliant

All leading global and local weights & measures and safety compliances



Reliable

Critical operations backed by the latest technology and life cycle services



Accurate

Superior technology, certified accuracy and excellent operating ranges



User-Friendly

Products and services that are easy-to-use and significantly reduce efforts and errors across lifecycle

Lowest total cost of ownership and peace of mind

Hyperion Energy Indicative Customer Engagements



| Customer | Petrolina Holdings – New Vasiliko Terminal |
|-----------|--|
| Location | Cyprus |
| Project | Terminal Automation: Tank Gauging, DCS/ESD, F&G Detection. |
| Completed | Phase 1 (2015) Phase 2 (2020) |



| Customer | TETCO - Tahan Engineers & Contractors |
|-----------|--|
| Location | Cyprus |
| Project | Supply of Double Block & Bleed Valves (LCA Airport Tank Farm). |
| Completed | 2016 |



| Customer | VTTV – Vitol Tanks & Terminals Vasiliko |
|----------|---|
| Location | Cyprus |
| Project | <ul style="list-style-type: none"> Hermetic UTImeters for manual level measurement (2017) Portable Gas Detectors with calibration station (2018) electrically actuated Double Block & Bleed Valves for marine jetty use (2018, 2019, 2024) |
| Term | 2017 - today |



| Customer | Cyprus Water Development Dept. |
|-----------|---|
| Location | Cyprus |
| Project | Supply on-line Water Property Analyzers |
| Completed | 2020 |



| Customer | Caramondani Desalination Plants Ltd. |
|-----------|--------------------------------------|
| Location | Paphos, Cyprus |
| Project | Process Control and SCADA systems |
| Completed | 2021 |



| Customer | Interserve Cyprus JV (RAF Akrotiri Base) |
|----------|--|
| Location | Cyprus |
| Project | <ul style="list-style-type: none"> A1 Jet Fuel Tank Level Systems (2016) Double Block & Bleed Valves (2017), (2018) Filter Water Separators for A1 Jet Fuel (2019) Multiple Custom Fabricated Fuel Storage Tanks (2021 – 2024) |
| Term | 2016 – today |



| Customer | LAFS – Larnaca Aviation Fueling System |
|-----------|--|
| Location | Cyprus / LCA Airport |
| Project | Terminal Automation: Tank Gauging, DCS/ESD, F&G Detection. |
| Completed | 2017 |



| Customer | V-LPG JV LPG Terminal (TETCO EPC Contractors) |
|----------|---|
| Location | Cyprus |
| Project | <ul style="list-style-type: none"> Safety & Control Systems Terminal Management Tank Gauging & HLA Systems Truck Loading Flow Control Systems |
| Term | 2021-2022-2023 |

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SOCIAL MEDIA



HYPERION WEBSITES

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THANK YOU

HYPERION ENERGY