hyperionenergy



Hyperion Energy

# Overview

October 2026

Global Know How

ENGINEERING | TECHNOLOGY | BUSINESS

# Hyperion at a glance




Founded in Nicosia in 1993, Hyperion helps energy and process companies understand complex operations, connect their systems and make better decisions. Five businesses span consulting, power engineering, energy automation, industrial software and embedded technical teams.

| 1993 | 51 | 500+ | 200+ | 90% |
|---|---|---|---|---|
| Founded in Nicosia, Cyprus | Countries with delivered projects | Projects delivered | Clients served | Repeat-client rate; engagements of 5–20+ years |

ISO 9001:2015 certified · Certified Innovative SME, Republic of Cyprus · Offices in Cyprus, Greece, USA and Peru · Strategic alliances with AspenTech, Honeywell and Nexans

# 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.

# Five businesses, one engineering purpose

Hyperion Systems Engineering Group · Nicosia, Cyprus · Privately held · Established 1993. Each business stands on its own and feeds the knowledge behind our products.

**Serving oil and gas, refining, petrochemicals, chemicals, power, metals, cement, pharma, and F&B**

## 01

### Consulting

Planning and scheduling, MES, real-time information, LIMS and advanced process control for refining, petrochemicals and chemicals.

**Intelligence in practice**

Optimisation, material tracking, quality soft sensors and APC models running on live plant data.

## 02

### Power Services

Owner's engineering, technical due diligence, feasibility studies, root-cause analysis and forensic engineering for power assets.

**Intelligence in practice**

Data-driven failure analysis, grid stability and sub-synchronous resonance (SSR) studies.

## 03

### Energy

Process automation, instrumentation, SCADA and specialised equipment for energy infrastructure in the Eastern Mediterranean.

**Role in the group**

Terminal and fuel-infrastructure know-how: the operational origin of HSTS.

## 04

### Innovation

Turns industrial experience into software: HYPPOS-AI for polymer production and HSTS for maritime terminals.

**Intelligence in practice**

HYPPOS-AI soft sensors and digital twin; HSTS intelligent maritime operations.

## 05

### People

Dedicated, embedded engineering teams and long-term technical resourcing for industrial OEMs and energy companies.

**Role in the group**

Recurring, multi-year engagements that keep Hyperion engineers inside client delivery teams.



# Hyperion Energy

## 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.

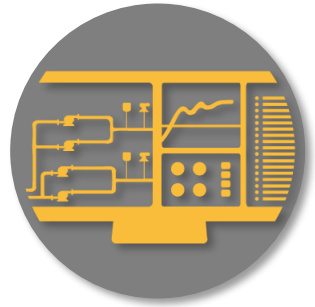
- Process Automation & Control Solutions
- Field Instrumentation Technology
- Process equipment including custom process unit fabrications, flow control valves, and other hardware.
- Specialised Upstream-oriented software and solutions for pipeline management, and Gas/Oil Field Development

# Hyperion Energy

## 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 Partnerships

































# Hyperion Energy Partnerships (1)

| | |
|---|---|
| Honeywell Technologies | Hyperion is the authorised distributor of Honeywell Process Automation 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.<br><br>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.<br><br>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.<br>**https://process.honeywell.com/** |
| 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)<br>**www.kanon.nl** |

# Hyperion Energy Partnerships (2)

| | |
|---|---|
| SAIPEM | 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** |
| CONTROL Cseal valve manufacturer | 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** |
| OMNI VALVE | 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** |
| CENTRAX GAS TURBINES | 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** |

# Hyperion Energy Partnerships (3)

| | |
|---|---|
| Parker Velcon | 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** |
| METERING systems | Operating out of Romania, Metering Systems, handles all metering activities (engineering, production, test & commissioning), with specialists with 25 y experience in delivering more than 300 metering skids and 40 Gas Metering Stations in over 20 countries in EMEA and CIS regions. **www.meteringsystems.ro** |
| DOVER FUELING SOLUTIONS | 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** |
| SAFETEC SAFETY TECHNOLOGIES | 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** |
| REPCo | 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** |

# 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

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









**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.

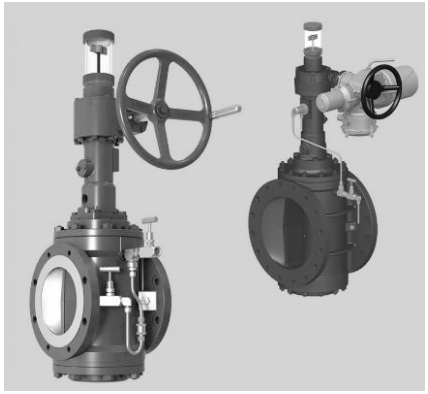
**SUPPORT**

- 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)**

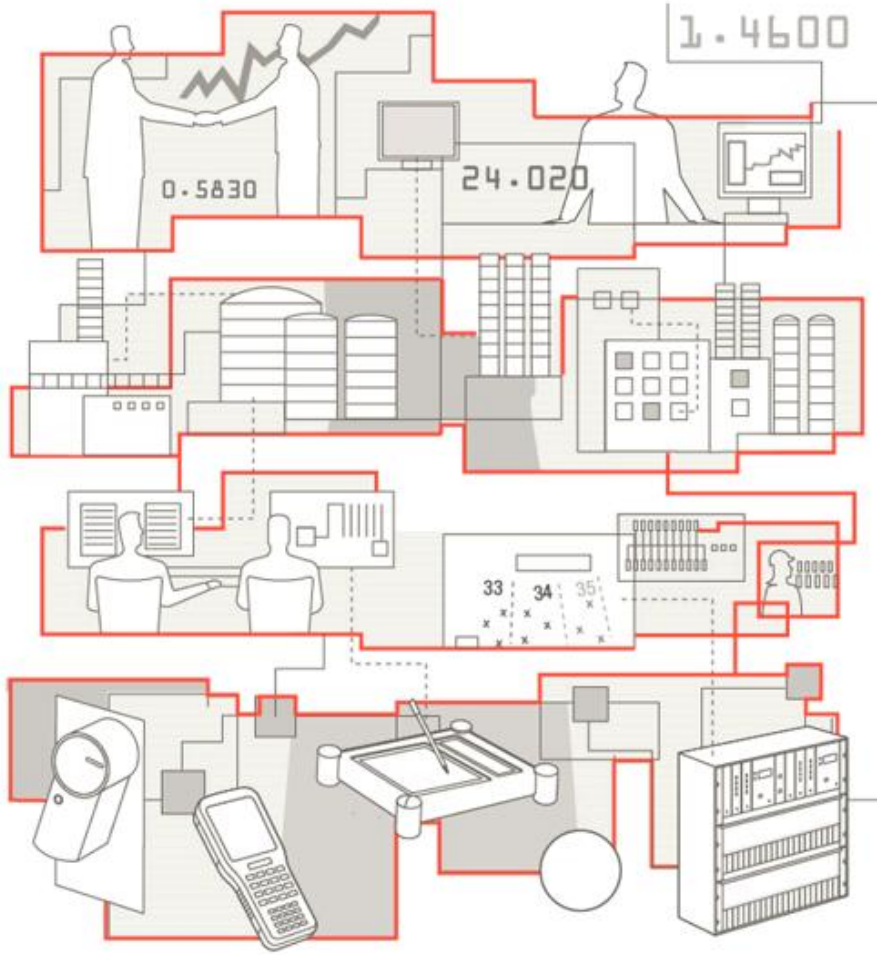
# Honeywell Integrated Portfolio

LEVEL **4** Business Planning, Logistics and ERP Systems

LEVEL **3** Manufacturing Operations Management & Manufacturing Execution Systems

LEVEL **2** Automation, HMI, DCS, SCADA, Networks, PLC

LEVEL **1** Smart, connected I/O, transmitters, devices, sensors



# Field Instrumentation

**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

**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

**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

**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



**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)<br>Phase 2 (2020) |

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

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

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

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

| Customer | V-LPG JV LPG Terminal (TETCO EPC Contractors) |
|---|---|
| Location | Cyprus |
| Project | • Safety & Control Systems<br>• Terminal Management<br>• Tank Gauging & HLA Systems<br>• Truck Loading Flow Control Systems |
| Term | 2021-2022-2023 |

| Customer | VTTV – Vitol Tanks & Terminals Vasiliko |
|---|---|
| Location | Cyprus |
| Project | • Hermetic UTImeters for manual level measurement (2017)<br>• Portable Gas Detectors with calibration station (2018)<br>• electrically actuated Double Block & Bleed Valves for marine jetty use (2018, 2019, 2024) |
| Term | 2017 - today |

| Customer | Interserve Cyprus JV (RAF Akrotiri Base) |
|---|---|
| Location | Cyprus |
| Project | • A1 Jet Fuel Tank Level Systems (2016)<br>• Double Block & Bleed Valves (2017), (2018)<br>• Filter Water Separators for A1 Jet Fuel (2019)<br>• Multiple Custom Fabricated Fuel Storage Tanks (2021 – 2024) |
| Term | 2016 – today |

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## SOCIAL MEDIA

## HYPERION WEBSITES

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hyperionpower.net



# THANK YOU

HYPERION ENERGY