

## At the cutting edge since 1959

Your global engineering partner





## 1959-1960s

**1959 Business started**Marseille, France servicing marine engines.

1960s Electronic control & Instrumentation

for industrial engines.

Developing instrumentation

1970s

### Growth and technology development

First patents for marine 'pipe harnesses' granted. One of the first organizations involved in marine vessel automation.



### Market Penetration into Global Power markets

Asian growth enabling setup of CMR Far East, CMR Korea & SFAIF in Shanghai. First Technology Transfer in China. Growth of medium speed engine market, with CMR UK established.



### Diversification into Offshore, Nuclear & US markets

Acquisition of Electrical Link in Singapore, dedicated to LV Switchboards. Nuclear sensors and monitoring development, particularly for China. CMR US established.



### Global collaboration & best cost manufacturing CMR Tunisia center of manufacturing excellence

CMR Tunisia center of manufacturing excellence started. CMR Germany founded.



### 2006-10 CMR Central Purchasing & Logistics implemented

CMR Products established in Singapore.

CMR China in Suzhou started.

CMR India established.

CMR Central Logistics developed

Accelerated growth.

#### 2010+ USA Focus

CMR Group focus on oil & gas sector.

CMR US relocated as business expands

700 staff across 8 global manufacturing sites helping to keep your business running 24/7

## YOUR global engineering partner

Our proud heritage has navigated us from the shipping channels of Marseille, France towards all the major global industrial hubs.

With some of the first patents for marine electronics and ground-breaking technology transfers, to the latest in green innovation for industrial fuel systems, CMR Group has consistently delivered you quality and reliable products for decades.

Our systems are found far and wide. From the oil and gas fields

of Texas to the mine trucks of South America and the bustling ports of Asia, our supremely engineered solutions perform 24/7, 365 days a year in your harshest environments.

We offer true quality, true reliability, your global engineering partner.

**04**page page**05** 

### Our Markets

CMR Group Provides Engineered Solutions for Demanding Environments





- Engine

// Power

- Genset
- Conventional Power Plant
- Nuclear Power Plant
- Renewables



- Offshore
- Onshore
- LNG





- Marine
- Off Highway
- Locomotive
- Automotive





- Army
- Navy



// Machinery

- Hazardous Area
- Automation

**06**page page**07** 

### **YOUR** desire to work with an experienced partner

CMR Group meets those Quality, Safety, Environmental and Approval standards you would naturally expect from a leading global specialist. Our teams have class leading levels of competence in highly regulated markets such as marine, defense, automotive and hazardous environments.

You need an experienced engineering services partner. We provide you with expertise gained through 50 years of global trading.

ISO 9001 NEMA

UL ISO 14001 OHSAS 18001 ITAR

TS 16949 Lloyd's Register (LRS) ATEX Det Norske Veritas (DNV)

CE Nippon Kaiji Kyokai (NKK)

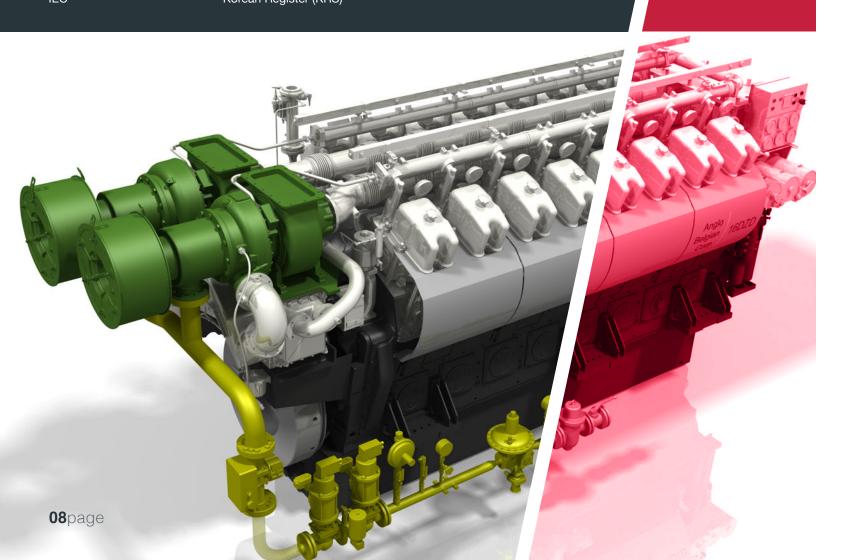
CSA Bureau Veritas (BV) IEC Korean Register (KRS) China Corporation Register of Ships (CRS)

Registration Italiano Navale

Azione (RINA)

Russian Register (RRS)

American Bureau of Shipping (ABS)



### **Complete Monitoring & Power Management**



















**Control Panels** 





**Safety Modules** 









**Nuclear Approved** 













**Wiring Systems** 



**Gas Regulators** 



**Industrial Sensors** 









### Your need for specialist solutions

At the core of CMR's product range are ruggedized electronics, sensors, switchboards and wiring systems – the complete monitoring and power management solution.

Our PIPEHarness™ is the global marine standard for wire enclosures, originally designed to take an engineer's step and to protect from ingress in a marine engine room.

Our SIMS™, Smart Innovative Monitoring System applies a highly modular, flexible and costeffective approach that meets all marine classification standards, particularly useful for mechanical to electronic engine conversion.

Integrating technology from global leaders like SIEMENS™ and SCHNEIDER™ allows us to offer you and your customers, the best in quality and reliability.

Our flexibility enables us to manufacture in the micro, such as a single sensor and readout instrument right up to a 3,000 plus channel Control, Monitoring and Alarm system, a complete

You need a specialist. We bring that understanding, quality solutions and much more.

### **Product Range Application Matrix**



	A Engine 2 Censet 3 muched Power Plant	Offshore Toreitore	a Medite 40 Off this pured 17 Locol politie 47 Autoprotive	13 Army 14 Mary 15 Hatzadous Area 16 Autonation	
Engineering Solutions					Engineering Solutions
1 Systems Integration					1 Systems Integration
2 Custom Products					2 Custom Products
3 Hazardous Area					3 Hazardous Area
4 Marine Systems					4 Marine Systems
5 PLC Automation					5 PLC Automation
6 Software					6 Software
Electronics Electronics					
7 Switchboards					7 Switchboards
8 Control Panels					8 Control Panels
9 Alarm & Monitoring Systems					9 Alarm & Monitoring Systems
10 Safety Modules					10 Safety Modules
11 Monitoring Units					11 Monitoring Units
12 Remote Monitoring					12 Remote Monitoring
13 Display Units					13 Display Units
14 Data Acquisition					14 Data Acquisition
Fuel Systems Fuel Systems					
15 Fuel Quality					15 Fuel Quality
16 Gas Regulators					16 Gas Regulators
Sensors					Sensors
17 Industrial Sensors					17 Industrial Sensors
18 Nuclear Approved					18 Nuclear Approved
Wiring Harnesses					Wiring Harnesses
19 Pipe Harnesses					19 Pipe Harnesses
20 Wiring Systems					20 Wiring Systems

10page

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## **Our Environmentally Focused Innovation**







**SAE** J1939



10% of turnover dedicated to R&D. 50 innovation programs.

## YOUR drive for competitiveness

Your job is to compete globally. Our job is to travel with you.

Whether you are seeking the very specialist, a lower cost or want to upgrade to the optimal, we have it covered. Our patented technology portfolio has driven offshore, marine and engine standards for decades. We are now moving alongside you into growing global markets, particularly natural gas extraction and distribution.

Since the 1950's we have striven to improve control, reduce emissions and increase operating efficiency. Our innovation programmes maintain this momentum, as does operating standard ISO14001.

Market leading NIRIS<sup>™</sup> fuel quality sensors, J-SENSE<sup>™</sup> smart technology and lightweight open-source based CLARINUX<sup>™</sup> software are just a handful of recent technical breakthroughs.

You have the competitive drive. We create the interface with our ground-breaking R&D roadmap.



30 new product introduction programmes. Automotive KPI's for On-Time-Delivery.

## YOUR quality, your costs, your delivery schedule

We speak the automotive language of manufacturing best practice applying powerful continuous improvement techniques straight from the lean toolbox.

Our KPI driven approach to customer satisfaction means that we work the way you want us to.

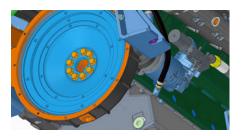
And that's fine and manageable when it it's going well. We know you have real difficulties in implementing effective control, automation and instrumentation solutions while meeting strict specification, design and cost requirements.

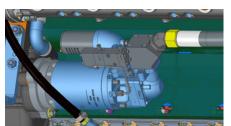
You have the challenges. That's when we really start to perform.

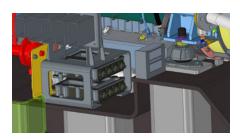
## Our Global Engineering

Rapid Development Process optimized by Creo, Windchill and VeSys

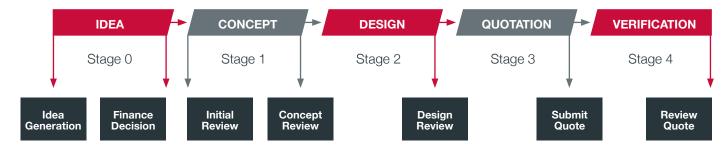


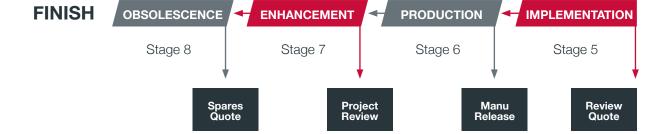






### **START**





# YOUR need for effective product lifecycle management

From ground-breaking idea generation through to managing obsolescence, we offer you an end-to-end product lifecycle solution.

We use our experience to bed-in with your R&D and engineering teams, applying knowledge and being responsive. Designs developed for you in any world region can be prototyped locally and transferred offshore to one of our best-cost manufacturing centres.

Using the latest 3D parametric design tools, CMR is able to reduce time to market, improving your competitiveness.

Applying cutting edge CAD/CAM/CAE, we pass on to you the back- office benefits of sophisticated tools such as BOM optimization, automated change control, and design clash management.

Engineered to uncompromising standards. Yours

**CCEO** Windchill VeSys®

**16**page page**17** 





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