



Engineered to Uncompromising Standards. *Yours*

At the cutting edge since **1959**

Your global engineering partner





**We are a key supplier to the world
Jack-Up rig fleet from our facility
in Singapore**



**High Horse Power engines world-
wide integrate our technology**



**The future is gas. Gas engines
demand 30% more of our type
componentry**



YOUR needs, our promise

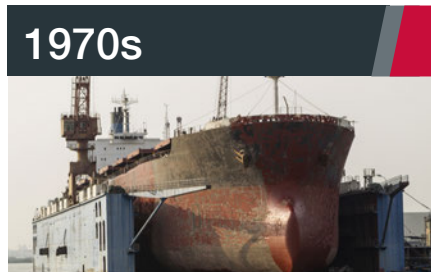
- Exceeding your expectations
- Delivering you the benefits of continuous improvement & open communication
- Serving you with a 'Can Do!' process-led approach
- Caring for our people, treating everyone with dignity and respect
- Solving your challenges through a global response



1959-1960s

1959 Business started
Marseille, France servicing marine engines.

1960s Electronic control & Instrumentation
Developing instrumentation for industrial engines.



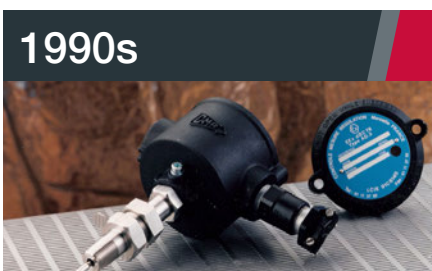
1970s

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



1980s

Market Penetration into Global Power markets
Asian growth enabling set-up of CMR Far East, CMR Korea & SFAIF in Shanghai. First Technology Transfer in China. Growth of medium speed engine market, with CMR UK established.



1990s

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.



2000-2005

Global collaboration & best cost manufacturing
CMR Tunisia center of manufacturing excellence started. CMR Germany founded.



2006-Present

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.

16 application markets,
50 years experience



Our Markets

CMR Group Provides Engineered Solutions for Demanding Environments



// Power

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



// Oil & Gas

- Offshore
- Onshore
- LNG



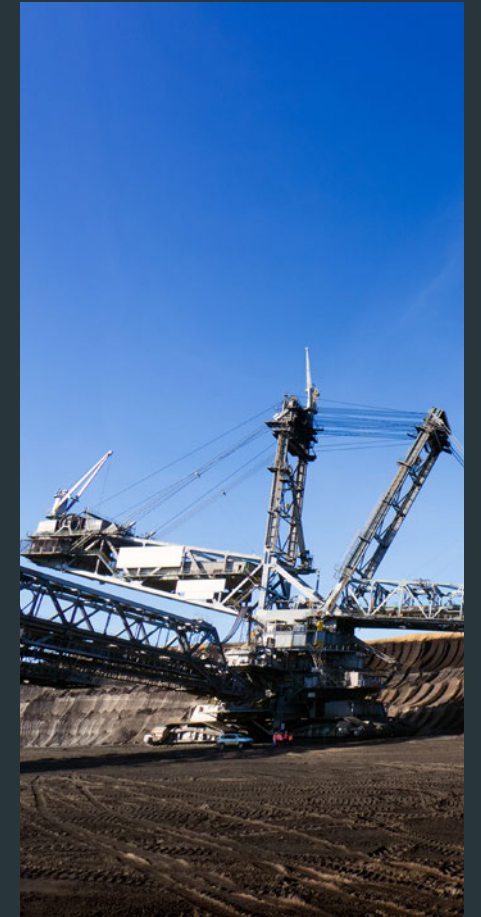
// Transportation

- Marine
- Off Highway
- Locomotive
- Automotive



// Defense

- Army
- Navy



// Machinery

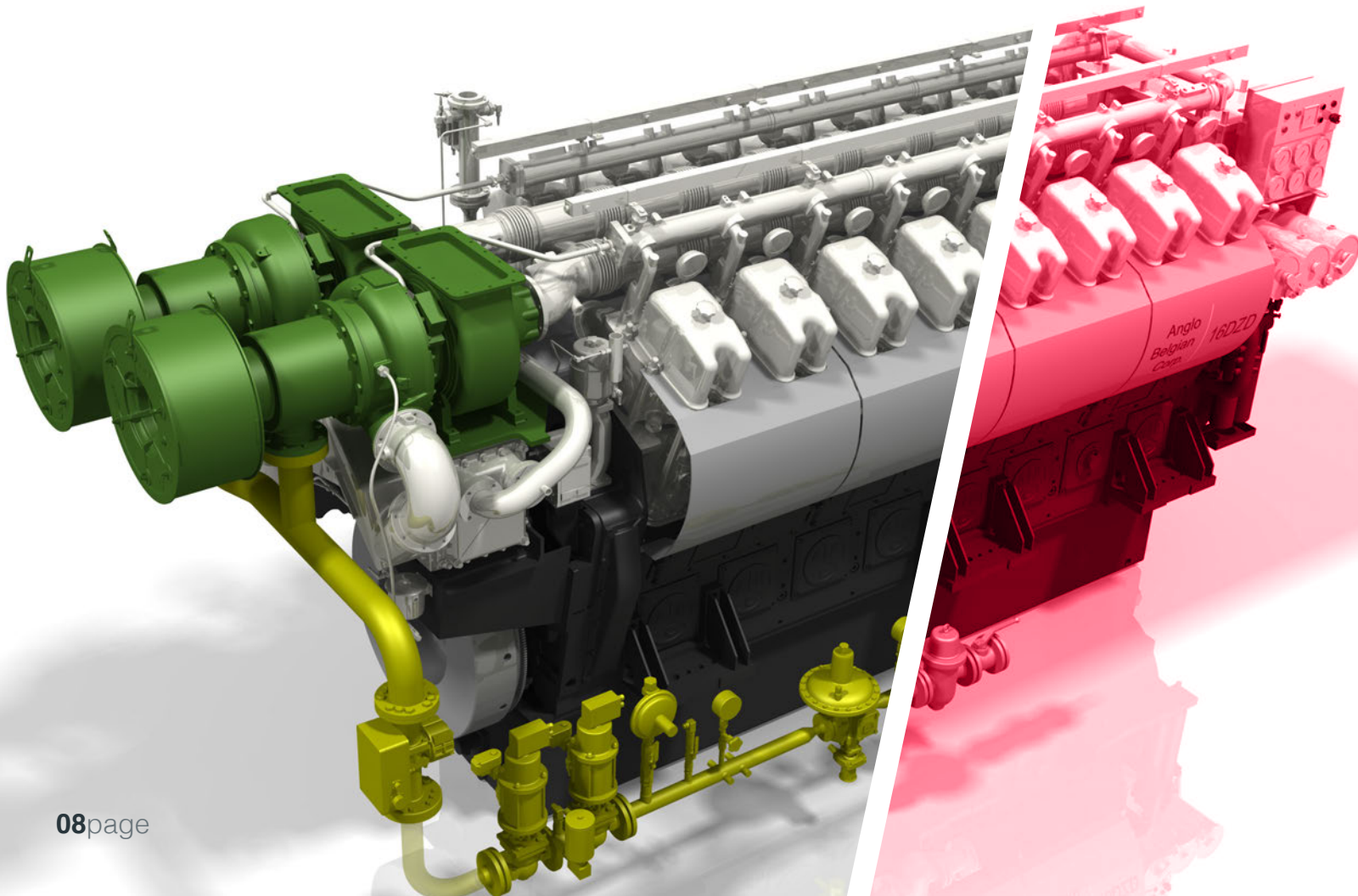
- Hazardous Area
- Automation

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	China Corporation Register of Ships (CRS)
ISO 14001	UL	Registration Italiano Navale Azione (RINA)
OHSAS 18001	ITAR	Russian Register (RRS)
TS 16949	Lloyd's Register (LRS)	American Bureau of Shipping (ABS)
ATEX	Det Norske Veritas (DNV)	
CE	Nippon Kaiji Kyokai (NKK)	
CSA	Bureau Veritas (BV)	
IEC	Korean Register (KRS)	



Complete Monitoring & Power Management



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.

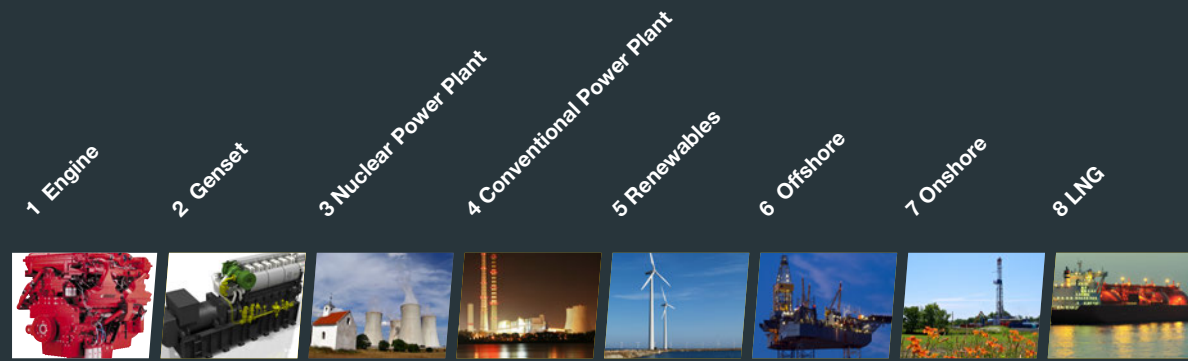
Our SIMS™, Smart Innovative Monitoring System applies a highly modular, flexible and cost-effective approach that meets all marine classification standards, particularly useful for mechanical to electronic engine conversion.

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 fit-out.

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

Product Range Application Matrix



Engineering Solutions

1 Systems Integration	✓	✓	✓	✓	✓	✓	✓	✓
2 Custom Products	✓	✓	✓	✓	✓	✓	✓	✓
3 Hazardous Area	✓	✓	✓	✓	✓	✓	✓	✓
4 Marine Systems	✓	✓	✓	✓	✓	✓	✓	✓
5 PLC Automation	✓	✓	✓	✓	✓	✓	✓	✓
6 Software	✓	✓	✓	✓	✓	✓	✓	✓

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6 Software	✓	✓	✓	✓	✓	✓	✓	✓

Electronics

7 Switchboards	✓	✓	✓	✓	✓	✓	✓	✓
8 Control Panels	✓	✓	✓	✓	✓	✓	✓	✓
9 Alarm & Monitoring Systems	✓	✓	✓	✓	✓	✓	✓	✓
10 Safety Modules	✓	✓	✓	✓	✓	✓	✓	✓
11 Monitoring Units	✓	✓	✓	✓	✓	✓	✓	✓
12 Remote Monitoring	✓	✓	✓	✓	✓	✓	✓	✓
13 Display Units	✓	✓	✓	✓	✓	✓	✓	✓
14 Data Acquisition	✓	✓	✓	✓	✓	✓	✓	✓

Electronics

7 Switchboards	✓	✓	✓	✓	✓	✓	✓	✓
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14 Data Acquisition	✓	✓	✓	✓	✓	✓	✓	✓

Fuel Systems

15 Fuel Quality	✓	✓	✓	✓	✓	✓	✓	✓
16 Gas Regulators	✓	✓	✓	✓	✓	✓	✓	✓

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15 Fuel Quality	✓	✓	✓	✓	✓	✓	✓	✓
16 Gas Regulators	✓	✓	✓	✓	✓	✓	✓	✓

Sensors

17 Industrial Sensors	✓	✓	✓	✓	✓	✓	✓	✓
18 Nuclear Approved	✓	✓	✓	✓	✓	✓	✓	✓

Sensors

17 Industrial Sensors	✓	✓	✓	✓	✓	✓	✓	✓
18 Nuclear Approved	✓	✓	✓	✓	✓	✓	✓	✓

Wiring Harnesses

19 Pipe Harnesses	✓	✓	✓	✓	✓	✓	✓	✓
20 Wiring Systems	✓	✓	✓	✓	✓	✓	✓	✓

Wiring Harnesses

19 Pipe Harnesses	✓	✓	✓	✓	✓	✓	✓	✓
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Our Environmentally Focused Innovation



*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™ fuel quality sensors, J-SENSE™ smart technology and lightweight open-source based CLARINUX™ 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.

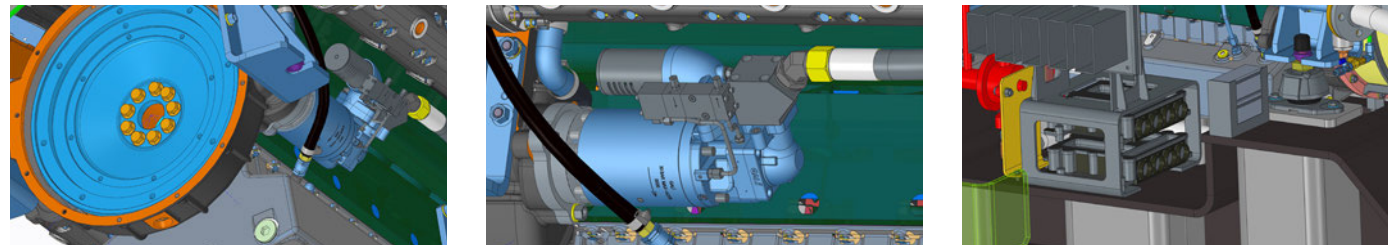
Our KPI driven approach to customer satisfaction means that we work the way you want us to.

And that's fine and manageable when it'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.

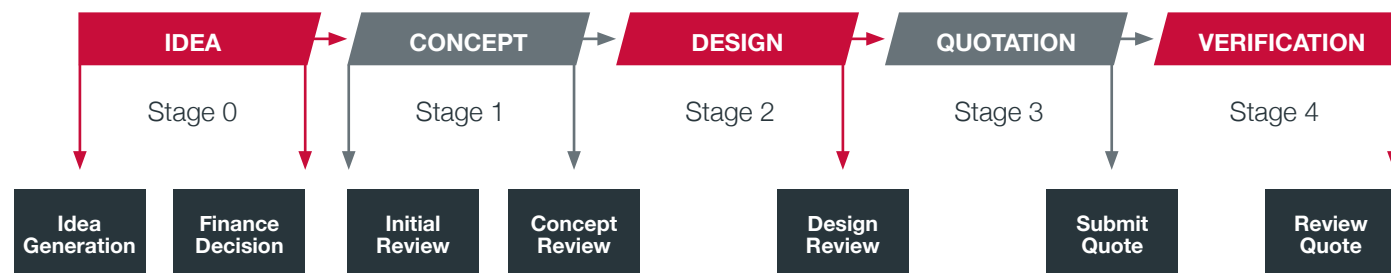
***You have the challenges.
That's when we really start to perform.***

Our Global Engineering

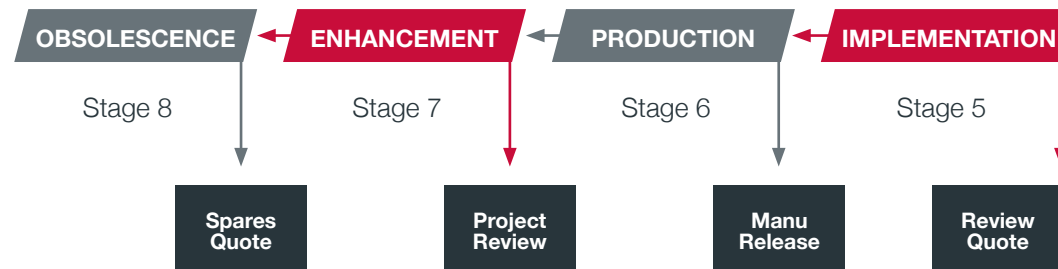
Rapid Development Process optimized by Creo, Windchill and VeSys



START



FINISH



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

creo Windchill® VeSys®



NEWCASTLE

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HAMBURG

TUNIS

SUZHOU SHANGHAI

PUNE

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