



# COMPANY PROFILE

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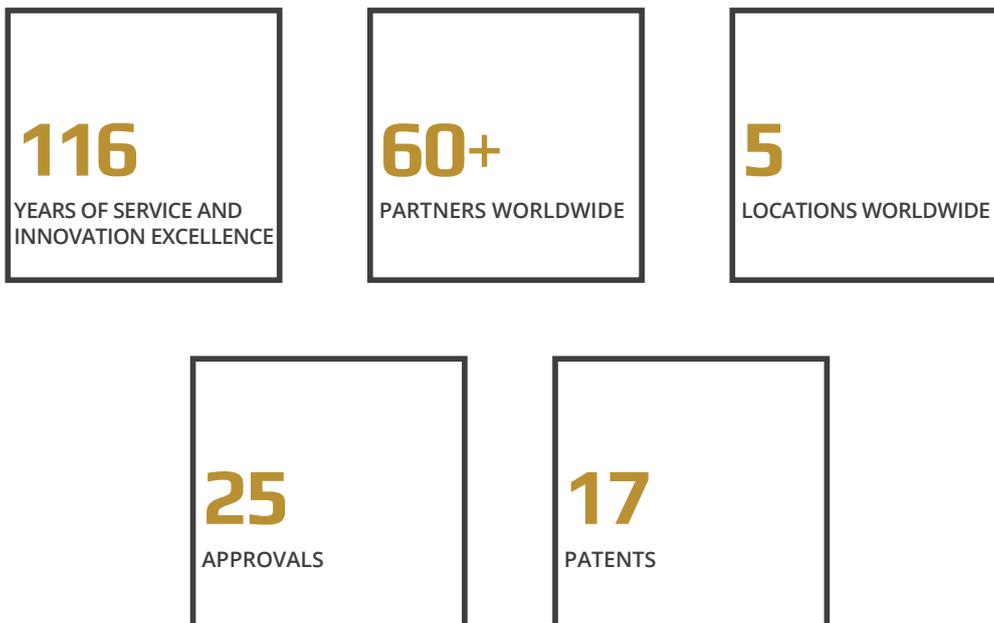


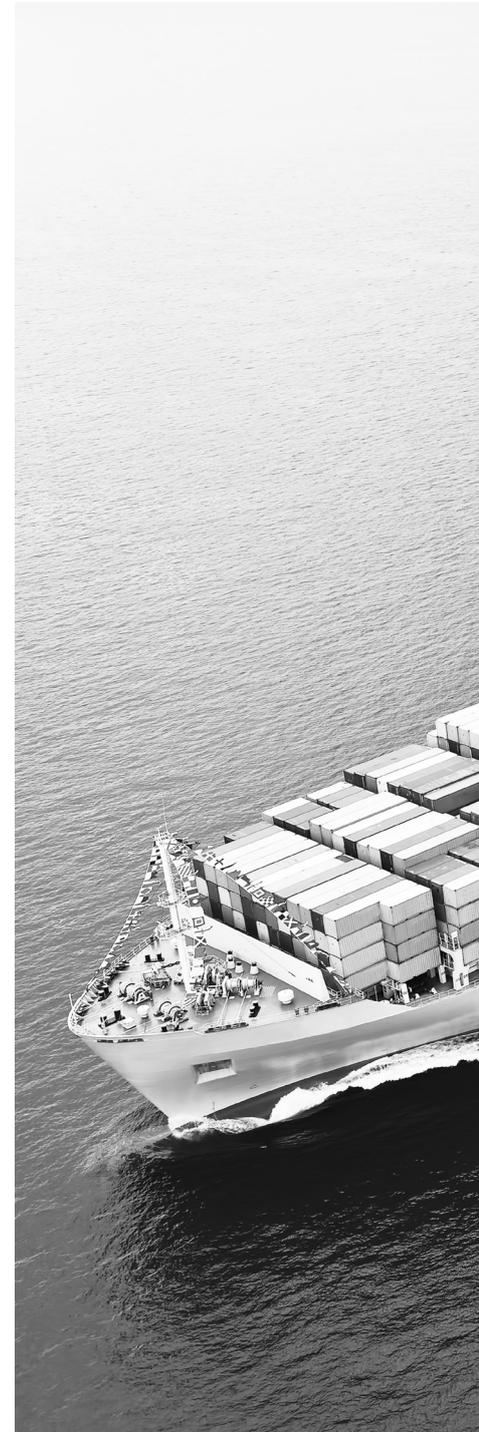
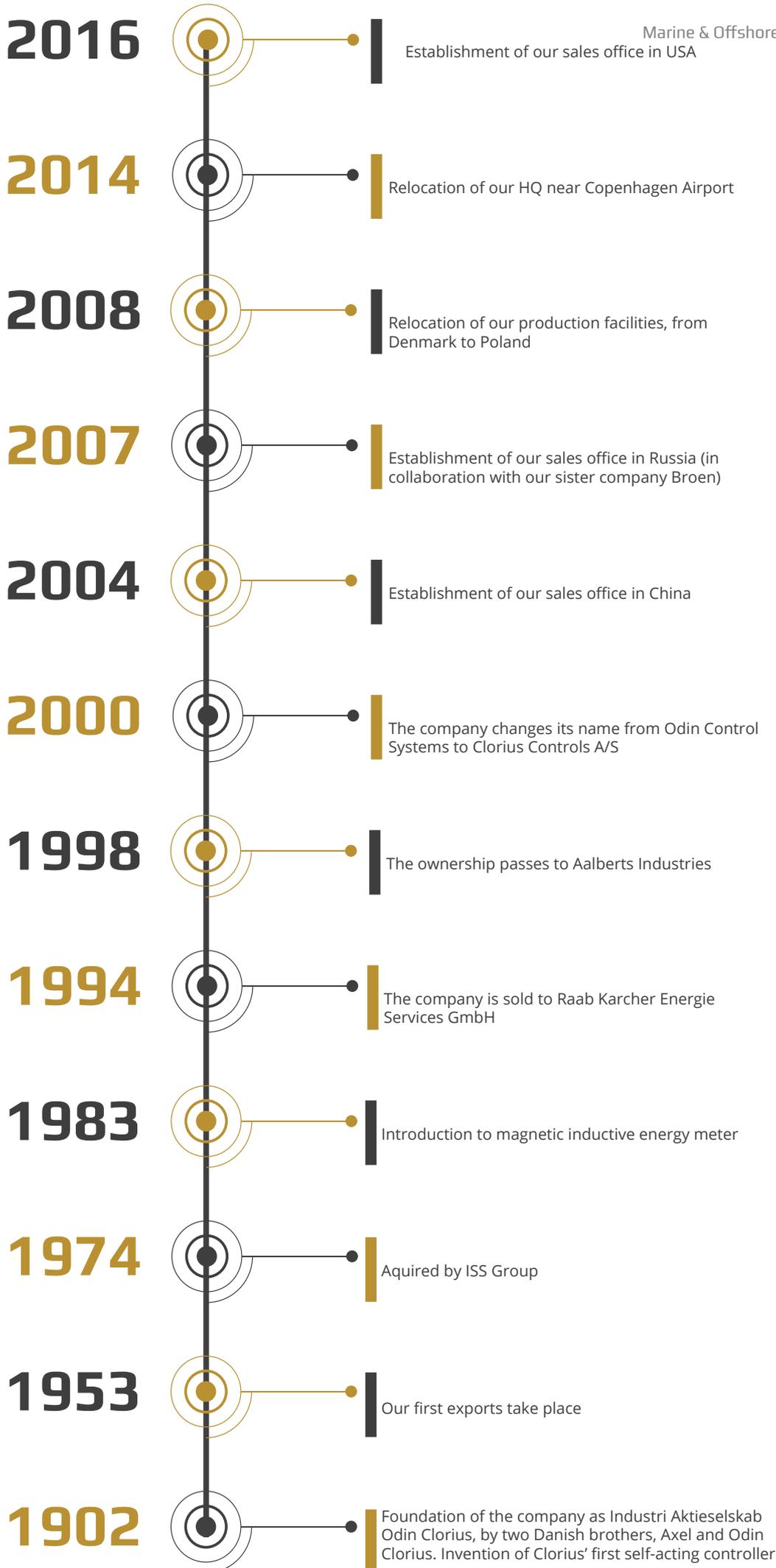
# CLORIUS AT A GLANCE

Clorius Controls is a leading manufacturer of control valves, actuators, and comprehensive control solutions supporting various marine and industrial applications. Aside from our exhaustive assortment of control valves and actuators, we provide tailored solutions, including electric, pneumatic, self-acting and internally sensed control systems to meet the specific requirements set by the customers.

For more than a century we have developed our knowledge about monitoring, controlling and regulating heat, cooling and ventilation within offshore, marine, industry, building and utility applications. Understandably, the products and the technology have gone through a dynamic development, and today we offer an up-to-date product range to match our clients' need for reliable, economic and user-friendly solutions.

Clorius Controls continues to maintain the highest standards for materials and workmanship and our work force remains committed to carefully upholding the principles of quality and integrity that define the company. We attribute our success to the unique combination of hard work, industry insights, dedication to quality, and in large part, to our culture and values.





# WHAT GUIDES US

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At Clorius Controls we believe that success comes from teamwork. We apply all our company resources at the service of our customers and partners, from our production facilities, experience and network of experts, to our knowledge, energy and innovative spirit of our people.

## **MISSION**

### **The Reason For Our Existence**

"Our mission is to build a mutually beneficial partnership with our customers by developing, manufacturing, marketing and servicing products for temperature and pressure control, and regulation of heating and cooling circuits with water, steam or oil as the heat-transferring medium".

## **VISION**

### **Where We Want To Go**

"We strive to be a world-class advisor and provider of industrial controls"

## **VALUES**

### **What We Believe In**

**FLEXIBILITY** - Global vision, local agility

**CUSTOMER FOCUS** - A fundamental ingredient to our success

**RELIABILITY** - Keeping our promises

**QUALITY** - In our products and excellence in our processes

Our people are key to our **success** -  
Experienced, diverse and multi-skilled

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# OUR QUALITY

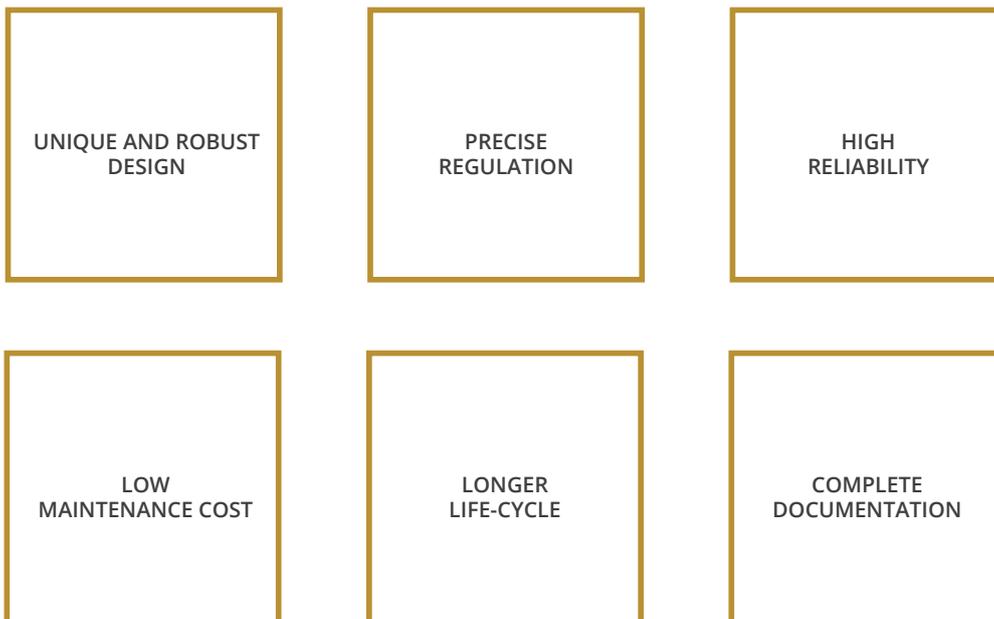
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Since our founding in 1902, quality has been of utmost priority in our production and operations. At Clorius Controls each and every associate knows and lives the purpose of our organization. Providing innovative, industry-leading control valves and associated products for controlling the flow and pressure of industrial liquids and steam.

We largely accomplish this through a constant commitment to quality and efficiency. The key values that differentiate Clorius Controls is our continuous collaboration with customers, vendors and staff to design and produce the best possible products.

We eagerly partner with our customers to develop innovative products and new configurations. We appreciate the recommendations of vendors for better components and improved materials. In exchange, you can count on us for responsive engineering and quick, accommodating production.

For our customers this means:





We're surpassing expectations by providing the best flow management solutions,  
the most experienced people, and unparalleled application knowledge.

**ON TIME, EVERY TIME.**

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# STANDARD & CERTIFICATES

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Clorius Controls routinely manufactures and tests its products to the most demanding customer specifications and recognized national and international industry standards. A long-standing tradition of delivering to the shipbuilding industry means that products delivered by Clorius Controls A/S are developed in order to match the high requirements set by the maritime industry.

Since 1993 we have been ISO 9001 certified for development, manufacturing, sales and servicing of controls for buildings, industrial and marine applications.

Clorius' internal standards for excellence are reflected in how we conduct our daily business, thoroughly documented in a number of approvals from accepted classification societies such as ABS, GL/DNV, Det Norske Veritas, CCS, Korean Register of Shipping, Russian Maritime Register of Shipping, RINA to name a few.

We can also deliver valves with certificates in accordance to:

- EN 10.204 / 2.1
- EN 10.204 / 2.2
- EN 10.204 / 3.1

Furthermore, we conduct:

- Inspection and test plan
- Pressure and leakage test

Valves from Clorius Controls can be delivered in accordance with the following standard and conformity assessment systems.

- ANSI, EN, JIS



**ENSURING SYSTEM STABILITY**

## **EFFICIENCY WITHOUT DISRUPTION**

Clorius' internal standards for excellence are reflected in how we conduct our daily business, thoroughly documented in a number of approvals from accepted classification societies such as ABS, GL/DNV, Det Norske Veritas, CCS, Korean Register of Shipping, Russian Maritime Register of Shipping, Rina to name a few.

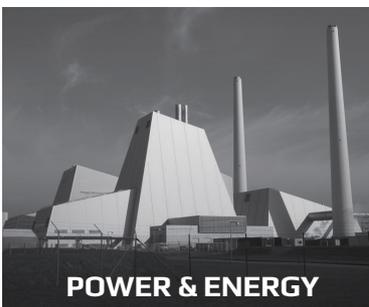
# INDUSTRIES WE SERVE

At Clorius Controls, our industry insight and knowledge is grounded in the identification of key issues that our clients face as well as firsthand experience gained from serving clients throughout our 100-year-plus history. We serve the following market segments:

Helping clients meet their business needs begins with an in-depth understanding of the industries in which they work. With our end-to-end approach to service delivery coupled with our client-centric approach enables us to deliver value to these clients who hail from diverse industries. These include: Marine & Offshore;

Oil & Gas; Power generation; Chemical; Pulp & Paper; Water treatment; Food & Beverage; Renewable energy; Building & Construction; District heating; HVAC; Food processing; Refineries; Boilers and heat exchangers; Minerals; Petrochemical; Agriculture; Textiles.

## OUR MARKETS



## TYPICAL APPLICATIONS

- Main and auxiliary engine cooling systems
- Fuel and lubricating oil temperature control
- Tank heating and cleaning
  
- Customer specific engineered control valves for main and auxiliary engine cooling systems
  
- Cooling systems on Biomass, Oil & Gas and Nuclear Power Plants
- Cooling water and lubricating oil temperature control on power units

## PREMIUM FLOW MANAGEMENT SYSTEMS

Today we design and manufacture a wide range of high quality flow control solutions, embracing complex technical requirements to deliver superior results for our customers spanning mining, steel, petrochemical, pulp and paper, marine engineering, municipal waste and wastewater.

**PIONEERING TECHNOLOGY**



# OUR PRODUCTS

Quality is at the heart of who we are — it shows up in our people, our conversations and our products. Product quality is the foundation we stand on and this foundation is comprised of three key areas: Material, performance and craftsmanship.

Clorius Controls continually aims to develop our product portfolio by identifying the needs of the market and providing products and solutions of uncompromised quality. Our product range is divided into 5 different sections, offering an extensive range of equipment for monitoring and control of heating, cooling and ventilation systems.

- Electric Control Valves
- Pneumatic Control Valves
- Self-acting temperature controls
- Self-acting pressure controls
- Controlling & Monitoring

Clorius valves are the preferred choice of the maritime industries, being installed in more than 1500 vessels within the last five years.

Simple, reliable and durable.

For a full list of products, do not hesitate to request a copy of our latest product catalog by contacting us or visiting our website.

## OUR SOLUTIONS

### SOLUTION 1



THERMOSTAT



2-WAY VALVE  
DN 15/4 - 150

### SOLUTION 2



THERMOSTAT



3-WAY VALVE  
DN 15 - 150

### SOLUTION 3



PRESSURE REDUCING  
VALVE  
DN 15 - 80

### SOLUTION 4



DIFFERENTIAL PRESSURE  
CONTROLS  
DN 15 - 80

## SOLUTION 5



ELECTRIC ACTUATOR  
2 + 3 POINT, ANALOGUE

2 WAY VALVE  
DN 15/4 - 800 MM



CONTROLLER ER2000  
ELECTRIC



SENSOR PT100

## SOLUTION 6



ELECTRIC ACTUATOR  
3 POINT, ANALOGUE

3 WAY VALVE  
DN 15 - 800 MM



CONTROLLER ER2000  
ELECTRIC



SENSOR PT100

## SOLUTION 7



ELECTRIC ACTUATOR  
3 POINT, ANALOGUE

3 WAY VALVE  
DN 15 - 800 MM



CONTROLLER ER3000  
ELECTRIC



SENSOR PT100



TRANSMITTER 4 - 20

## SOLUTION 8

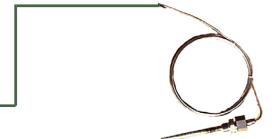


PNEUMATIC ACTUATOR  
SPRING CLOSE/OPEN

2 WAY VALVE  
DN 15/4 - 800 MM



CONTROLLER  
PNEUMATIC



TRANSMITTER

## SOLUTION 9

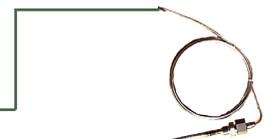


PNEUMATIC ACTUATOR  
SPRING CLOSE/OPEN

3 WAY VALVE  
DN 15 - 800 MM



CONTROLLER  
PNEUMATIC



TRANSMITTER

## SOLUTION 10



PNEUMATIC ACTUATOR  
SPRING CLOSE/OPEN

2 WAY VALVE  
DN 15/4 - 800 MM



CONTROLLER ER2000  
ELECTRIC



SENSOR PT100

## SOLUTION 11



PNEUMATIC ACTUATOR  
SPRING CLOSE/OPEN

3 WAY VALVE  
DN 15 - 800 MM



CONTROLLER ER2000  
ELECTRIC



SENSOR PT100

# OUR CLIENTS

We have had the good fortune of being involved with a large number of strong global companies. Our clients are our starting point. They drive everything we do and we work collaboratively with them to achieve results they can measure. Our size enables our specialists to work closely together to develop tailor-made solutions, that meet our clients' evolving needs.

Here are some clients we have recently added to our growing list of partnerships.





“ Clorius Controls has been a trusted partner for many years, and their equipment has been included in the auxiliary systems for our two-stroke diesel engines during the last 30 years. Furthermore, their service and equipment have been an appreciated part in our systems, at our R&D center”.



**OLE SKELTVED**

Head of Marine Installation Department  
MAN Diesel & Turbo

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# OUR GLOBAL REACH

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Our sales network is there for you in more than 50 countries. Thanks to our sales representation in China, Russia, USA and Poland, as well as our broad network of distributors, we are available whenever our products or services are required.



## HEADQUARTERS

### Clorius Controls - DENMARK

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Email: mail@cloriuscontrols.com

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## SALES REPRESENTATION

### Clorius Controls - CHINA

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**Clorius Controls - POLAND**

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PRODUCTION FACILITIES**

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