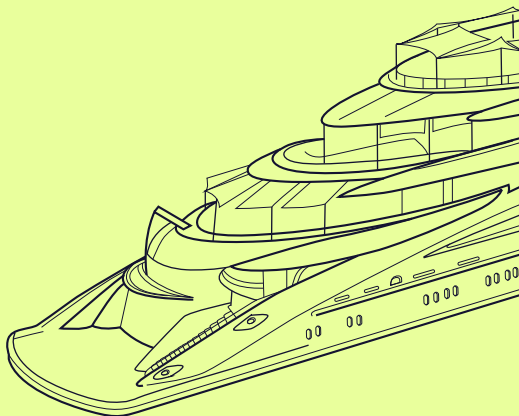


besecke



smart
automation

Smart automation and systems
for maritime applications



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Turn this brochure over to read about
our solutions for industry

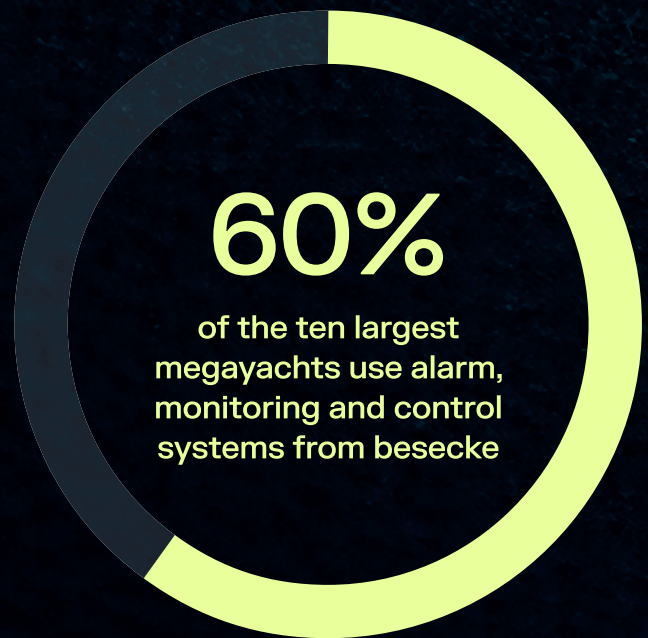


Bremen
N 53° 09' 50" E 8° 42' 24"
Steindamm 24 · 28719 Bremen



Rostock
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Tannenweg 22K · 18059 Rostock

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Smart solutions for maritime applications

We're experts in maritime efficiency

Want a partner who has automated 60% of the world's ten biggest megayachts?

We've been developing cutting-edge solutions for maritime vessels for years – from the switchboard cabinet to high-end control systems.

Our software easily monitors up to 20,000 individual measuring points. So you can operate your vessel in a whole new way: with data. It's smarter and more convenient.

We're happy to offer everything you need from a single source. And serve as your general contractor.

Turn the page to explore the possibilities.



AllViu – Your vessel on a digital dashboard

be VISION

Scalable alarm, monitoring and control system for up to 20,000 individual measuring points. Monitors the status of electrical systems on board – including motors and generators. Alerts you to irregularities.

be SECUR

Security system for megayachts: sophisticated monitoring of the ship's exterior, interior and surroundings. Reports intruders, detects drones and controls access to individual areas by way of a door access and control system.

be SAFE

System for clearly indicating the status of all fire zones, detectors and dampers as well as exterior doors and hatches. Reports irregularities affecting the ship's hull, such as fire, water ingress or open dampers.

be WATCH

BNWAS – Bridge Navigational Watch Alarm System. Wheelmark-approved and DNV-certified. Automatically generates multiple levels of alarms and communicates through the on-duty system. Suitable for all types of vessels.

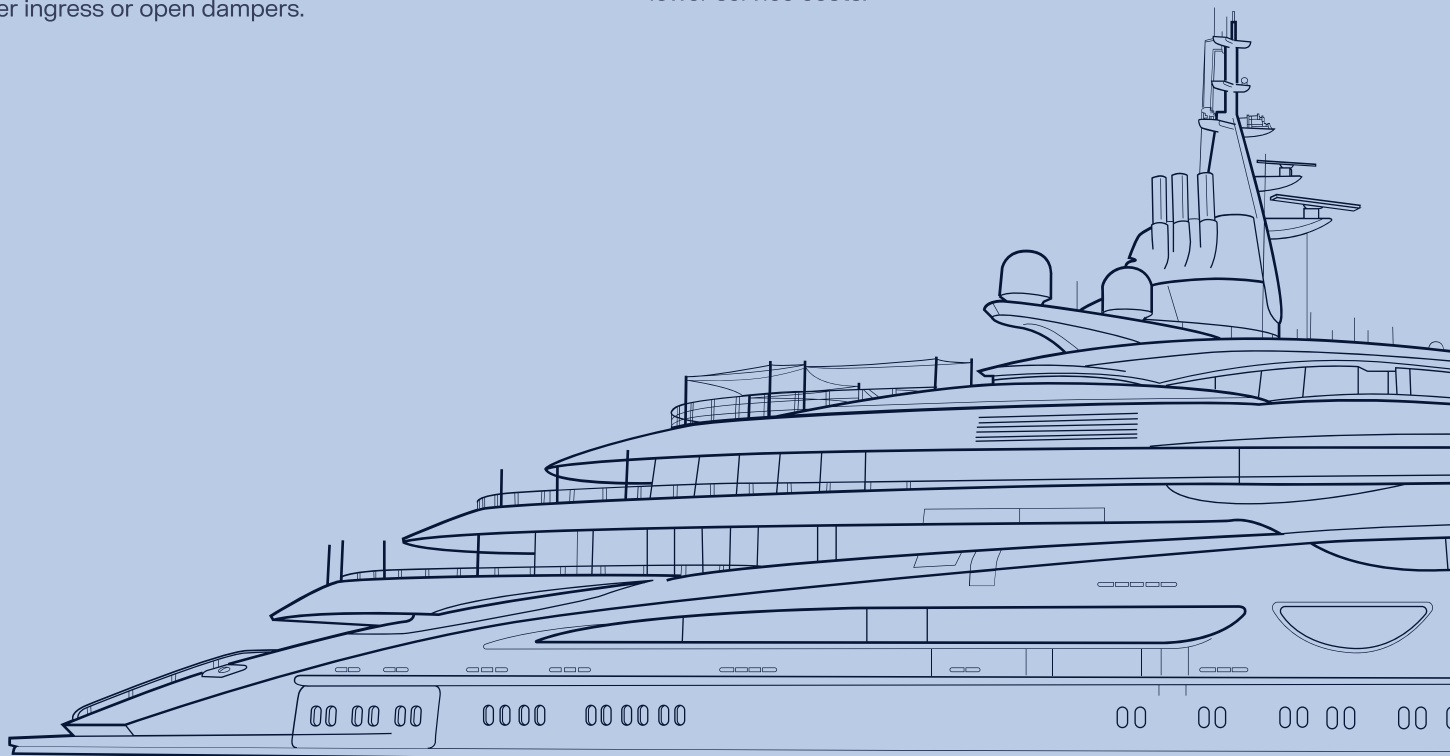
be MOTION

Helicopter approach system: Displays roll, pitch and heel. Controls landing lights. Flexible and adaptable to all conditions and requirements.

Training

AllViu system training course

Know your stuff. Benefits: minimal downtime, fast error detection and troubleshooting plus lower service costs.



Maintenance & retrofit

Premium retrofit

We'll bring your on-board systems up to the latest state of the art. That includes both hardware and software. From the control cabinet to the security technology to the latest version of AllViu. For you, that means lower costs for maintenance and spare parts.

AllViu service and maintenance

Your contract includes a regular system checkup and guarantees fast response. With an attractive pricing model.

Control cabinet cleaning

Professional cleaning with dry ice – no need to shut the system down. Prevents system failure caused by buildup or overheating.

Power distribution and energy systems

MarESiS

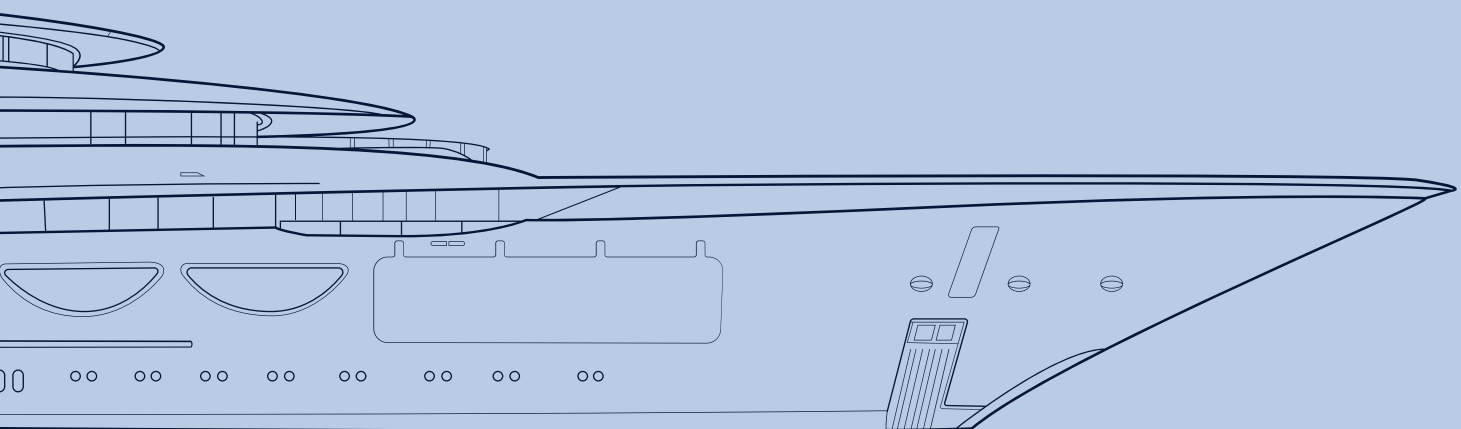
For new construction and retrofits: Maritime energy simulation for optimized design of electrical and hybrid ship systems.

Maritime power distribution solutions

Systems for efficient power management: Construction and in-house production of everything from switchboards to panels, UPS and motor starter systems to hybrid systems.

Turnkey

We operate as your general contractor to create fully customized solutions for your new build or refit project. We're reliable and we're with you at every turn – from selecting systems to installation to sea trials.



Talk to an expert who speaks your language:

sales@besecke.de



Process

Consultation

We identify which solutions your vessel needs and whether additional items make sense.

Engineering

We produce all documents – from the schematic diagram through to final documentation. We develop algorithms, programs and the visualization of your boat's systems.

Production

We build complex power distribution systems – from the smallest panel to the main switchboard. We make bridge racks, consoles and automation cabinets, too.

Focus



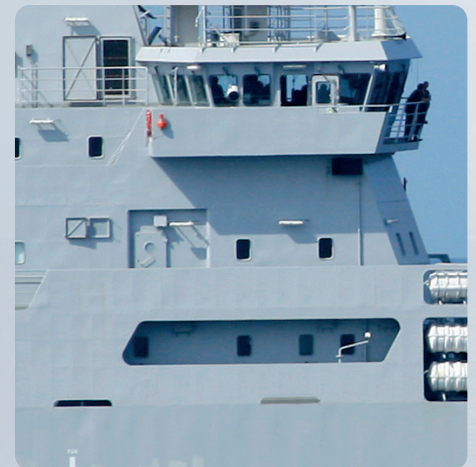
Yachts

Our modular AllViu systems are designed to fit any size yacht from 20 to 180 meters. They increase convenience, security and efficiency on board. The integrated energy management system uses hybrid solutions to reduce energy consumption and environmental impact.



Authority and special-purpose vessels

Our software products allow you to automate highly complex operational sequences on board. We implement all systems customized to your needs. Our solutions are extremely robust and reliable – even for LNG-powered vessels.



Maritime vessels

Our products meet the highest quality standards and norms, even stringent military standards. We deliver lightning-fast remote support and on-site service worldwide to maximize system performance.

Before. After. Smarter.

Installation

Our colleagues in the shipyards build our systems into the vessels.

Commissioning

Parameter-setting and testing ensure that our systems will operate efficiently when your ship is underway.

smart!





» We've been building maritime systems to meet the needs of the most exacting customers for more than 20 years. Our experienced technicians design, manufacture and install bespoke solutions. We never stop growing our knowledge and expertise and we deploy smart technologies to ensure the highest levels of reliability and longevity. «



besecke
Maritime team

LÜRSSEN

AIDA

MEYER WERFT

N·V·L

Blohm + Voss AG

VIKING
FLUSSKREUZFAHRTEN



NEPTUN WERFT



BURGESS



ABEKING & RASMUSSEN

Y.CO

N·V·L
PEENE-WERFT

730

control cabinets built and
installed each year

47

AllViu systems installed
on megayachts

250

PLC systems
installed each year

65,000

meters of cable laid per vessel





About besecke

75 years of innovation towards smarter thinking

Founded in 1948 as an armature winding company, we are now Northern Germany's leading provider of automation and electrical engineering.

More than 170 employees at our manufacturing plant in Bremen and our research facility in Rostock deliver to customers around the world.

An aerial, high-angle photograph of a ship's wake on a dark blue ocean. The wake is a series of white, frothy lines that fan out from the bottom center towards the top left corner of the frame. The ship itself is visible at the bottom center, a small dark vessel with a white cabin and a mast.

2003

New Maritime Systems business unit is established, specializing in power distribution, alarm and monitoring systems for yachts and special-purpose vessels.

2004

besecke enters the maritime industry, building switchgear and control gear for the electrical equipment and implementing the alarm and monitoring system (AMS) on three megayachts.

2006

besecke delivers the electrical technology and the AMS of the private sailing yacht EOS, the largest of its kind at the time.

2013

The Rostock site is established as an engineering and project management office and research facility.

2021

besecke takes over the Hamburg-based startup dintegra. This strengthens besecke's IoT and SaaS operations and expands its software portfolio.

2024

We implement a large-scale project as general contractor for all electrical equipment on three LNG-powered authority vessels.



On our own,
we're smart...



**...together,
we're brilliant.**

Our



smart relationships

We believe in the power of partnership. On our own, we're smart. Together, we're brilliant.



smart mindset

We believe there is always an even smarter way to do things.



smart service

We are not necessarily smarter than others. We simply have greater tenacity to understand the problem.



smart operations

Automate what can be automated. So we have more time for the work that really matters.



smart mindset

We believe there is always an even smarter way to do things.

For us, smart means always developing the most efficient way of doing things. But that doesn't mean we make it easy for our-selves - we make it easy for you.

Philosophy

besecke

Smart Automation & System Technologies

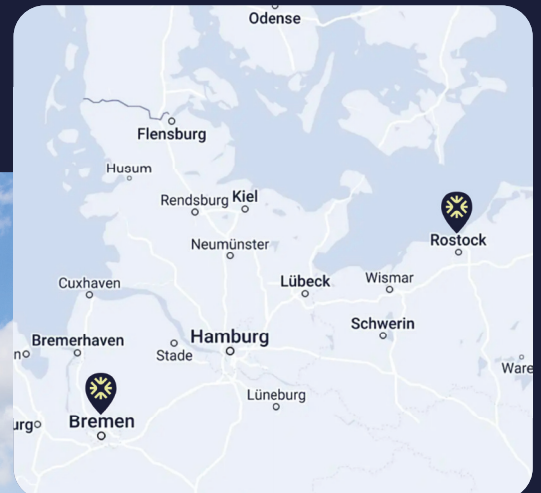
Flexible, precise, efficient and transparent – that's how our automation and systems technology can be described in a nutshell. For decades, we at besecke GmbH & Co. KG have been developing tailor-made solutions for customers all over the world. Our claim: technology that works reliably and perfectly suits your requirements.

We place particular emphasis on maritime systems – from energy supply to ship automation. We also implement industrial automation solutions for the food, automotive and special machinery industries.

Our approximately 180 employees work in an interdisciplinary manner and accompany you through all project phases – from detailed planning to commissioning and beyond.

We offer not only complete systems, but also service and support during ongoing operation. Thanks to our independence in the choice of components, we use exactly the technologies that are best suited to your application – manufacturer-independent, innovative and future-proof.

Whether it's a single project or a complex overall system: with besecke, you are choosing a partner who combines technology with experience and passion – and makes your vision a reality.



Locations

besecke GmbH & Co. KG

Steindamm 24
D – 28719 Bremen

Tannenweg 22k
D – 18059 Rostock

In everything we do, we seek the smartest solution:

**minimum Input, ➔
maximum Impact.**

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