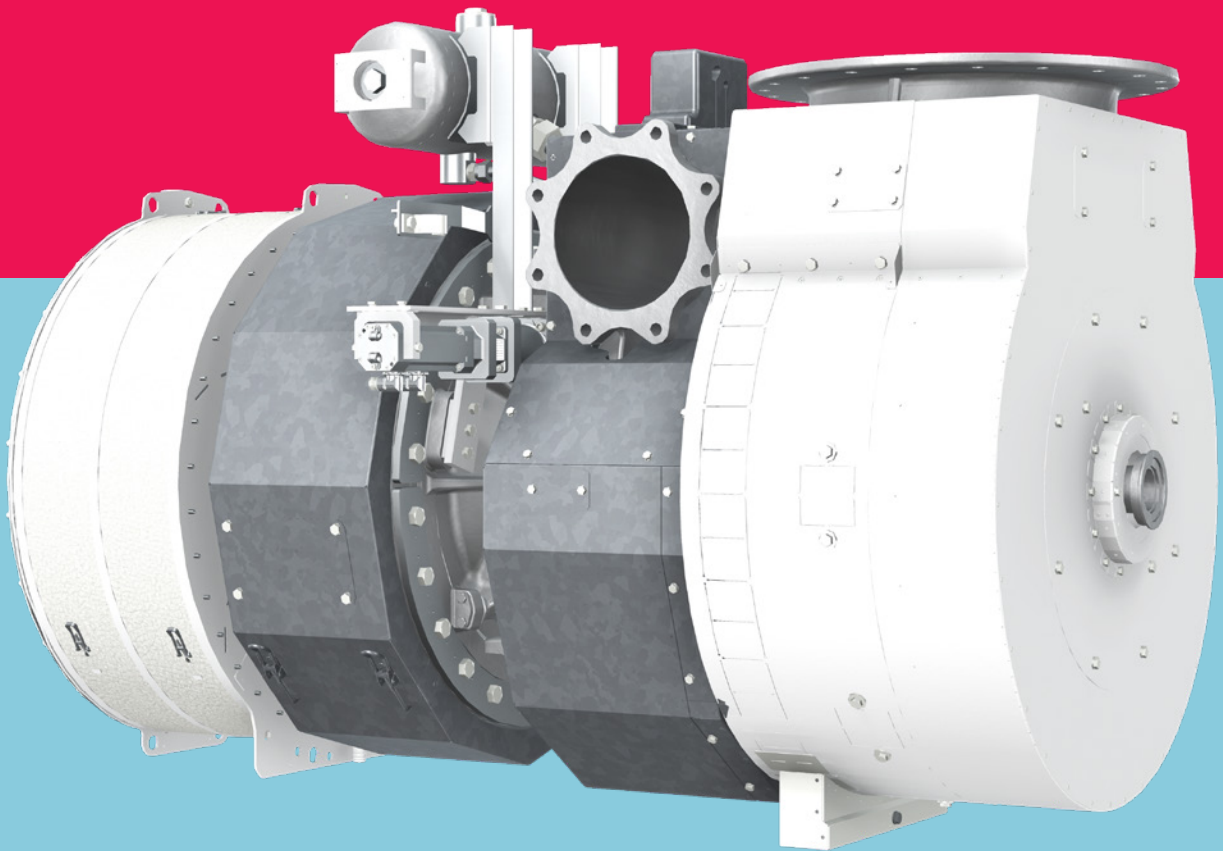


# Turbocharger retrofit solutions

For cleaner, efficient  
and profitable operation



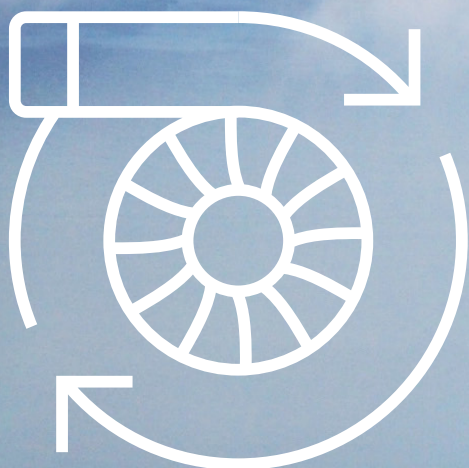
**Everlence**

**PrimeServ**

# Maximize efficiency and availability

**With advanced turbocharger  
retrofit solutions**

We have a responsibility to be more environmentally aware, but this means your aging engines might not be up to code. Reducing CO<sub>2</sub> emissions not only makes environmental sense, but economic sense too. More efficient technologies mean less waste and more output, less fuel consumption and more savings on your balance sheet.



**Fuel savings**

Fuel consumption is possibly one of your biggest expenses. A turbocharger retrofit can increase your engines' efficiency, reducing OPEX.

**Performance and efficiency**

The Everllence PrimeServ Turbocharger Retrofit applies the latest technological developments to engines in service, bringing them up to current standards to meet modern emission level requirements and lower running costs. Older engine models can be upgraded to have their emissions reduced and made compliant to new regulations, using a variety of retrofit and design innovations. Reducing black smoke is another added benefit. Improvements to environmental controls also improve output values and vessel and plant engines can be restored to optimum working condition.

**Environmental friendliness**

The stakes are higher than ever before. Optimizing efficiency and reducing emissions, the Everllence PrimeServ Retrofit offers strong options for achieving greener operation. Therefore, Everllence PrimeServ's smart processes and supreme technology are not only a step towards reducing costs but also an investment in the future of the planet.

**Lifecycle extension**

A Everllence Prime Serv Turbocharger retrofit can enhance engine lifetime, increase the time between overhauls and general reliability, thereby extending the useful life of your engines by reducing wear on all heat-related engine and turbocharger parts.





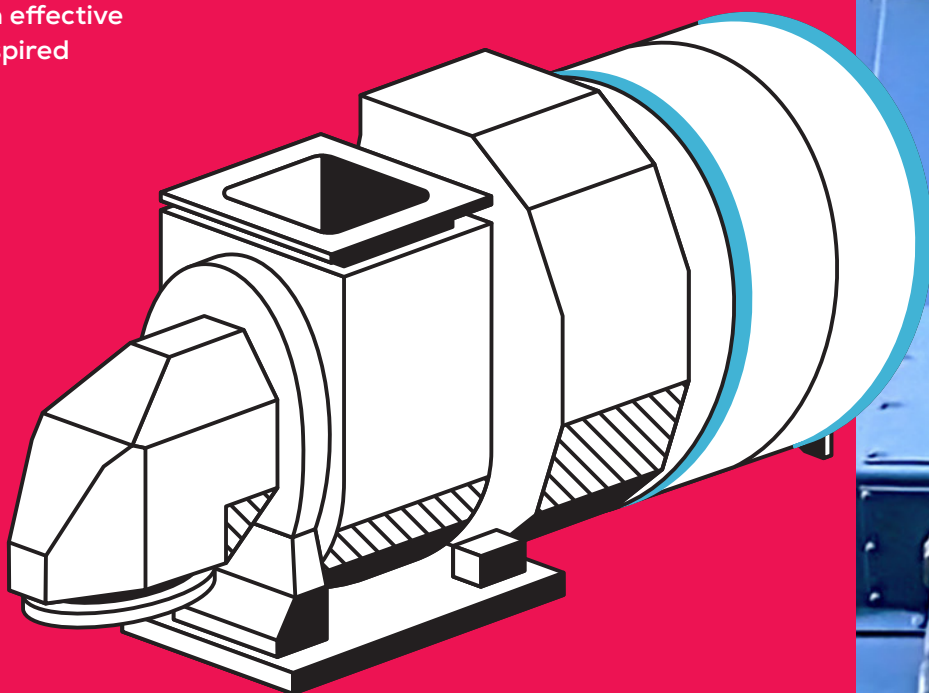
# Flexible system solutions

**Any engine, any turbocharger, any brand, anywhere**

Achieving improved performance – the environmentally conscious way. That's the promise of a Everllence PrimeServ Turbocharger retrofit. Our engineers are continuously developing innovative ways to make engines work better, longer and greener. And as global challenges require global solutions Everllence PrimeServ Retrofit offers a worldwide service to provide the ideal answer, whatever the location or the specific circumstances.

## **Power & efficiency**

In a multi-layered effort involving Everllence experts from all around the world, we retrofitted turbochargers on the engines at Triumph Power's power plant in Kenya. Improving the site's efficiency, the success of this continent-spanning project shows what is possible when effective communication, cooperation and inspired expertise come together.





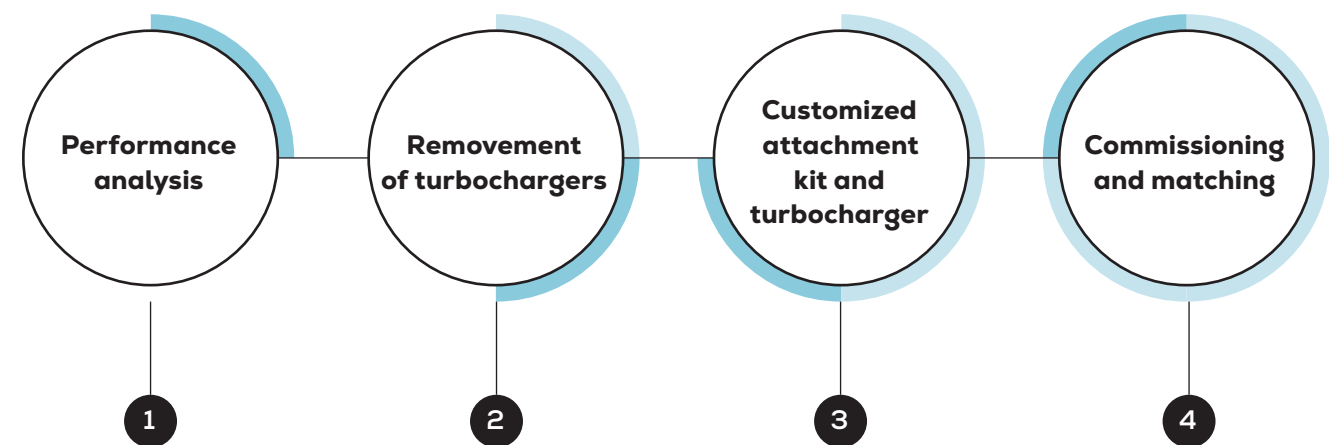




# Turbocharger retrofit in record time

## How it works in practice

The benefits of a retrofit are clear: less downtime, better cost efficiency, and fewer human resources needed to maintain your engines. Retrofitting an existing engine with the latest Everllence turbocharger technology is an effective method of extending its useful life while also improving its performance, economics and environmental impact.

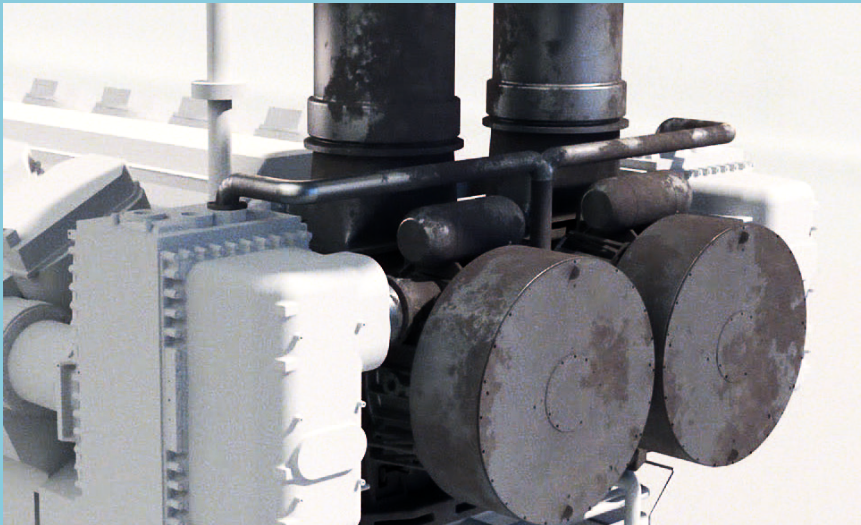


Everllence PrimeServ engineers run a geo-metric and performance analysis of the existing system to develop a customized retrofit solution.

Everllence PrimeServ technicians install a tailor-made attachment kit, designed specifically for your engine.

A thermodynamically optimized Everllence turbocharger is fitted to your engine.

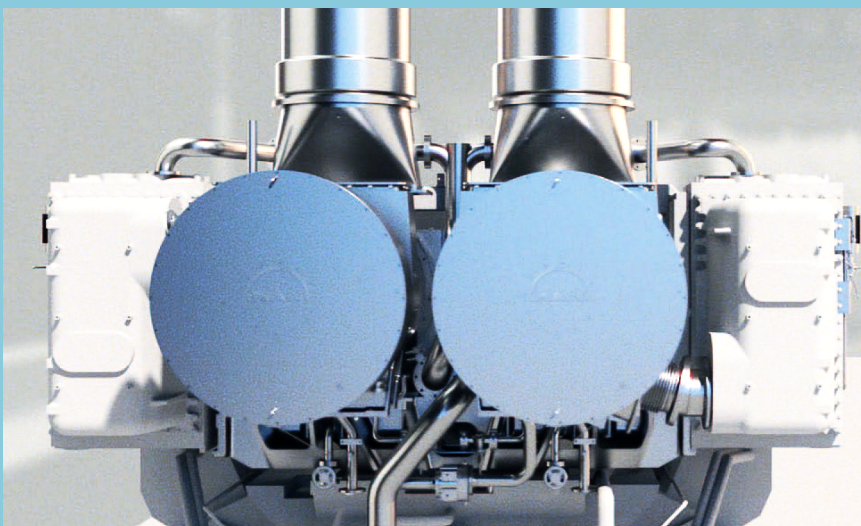
## Old



Turbocharger retrofits are available for all turbocharger brands, all engine makers as well as two- and four-stroke engines.

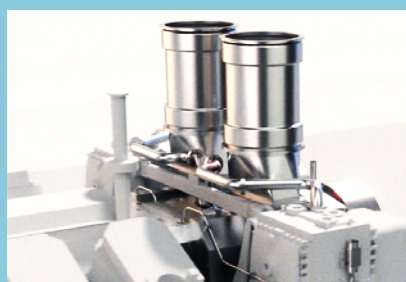


## New



Up to 12% turbocharger efficiency gains

ROI in less than 2 years possible



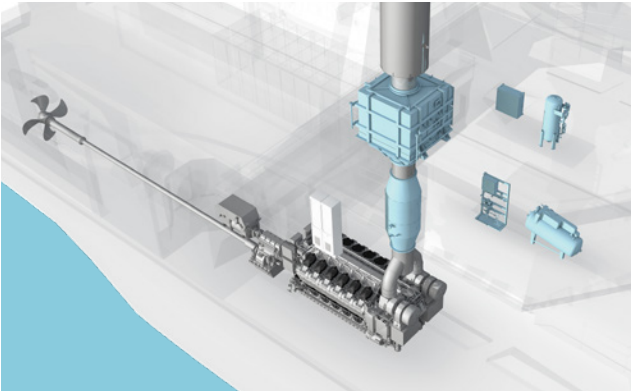


# Any engine, any brand

Your machinery in safe hands





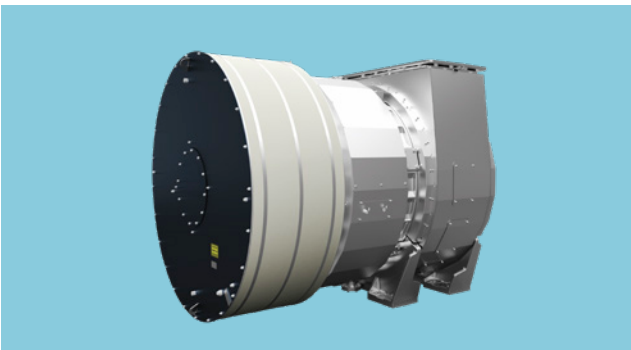


## Environmental friendliness

### SCR

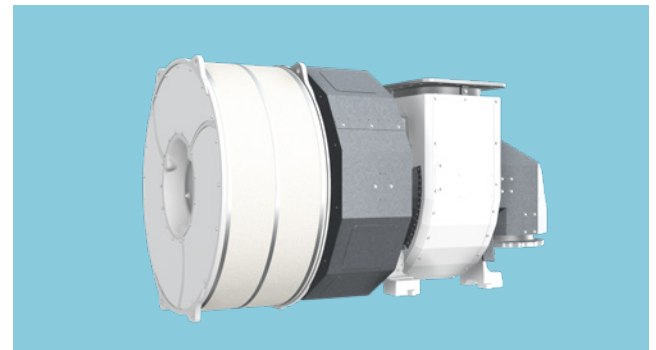
SCR technology (selective catalytic reduction) is capable of achieving NO<sub>x</sub> reduction rates of up to 90%. By inducing chemical reactions in exhaust gas, harmful substances are converted into ecologically harmless constituents. Available in 14 different sizes, our SCR covers almost all marine and power plant engines, also for non Everllence-engines.

## Performance and efficiency



### TCA

The TCA series redefines the proven technology of the successful NA series. Its integrated design makes installation and maintenance faster and easier than ever before. And with the advanced materials used, lifespan is far longer than ever before.



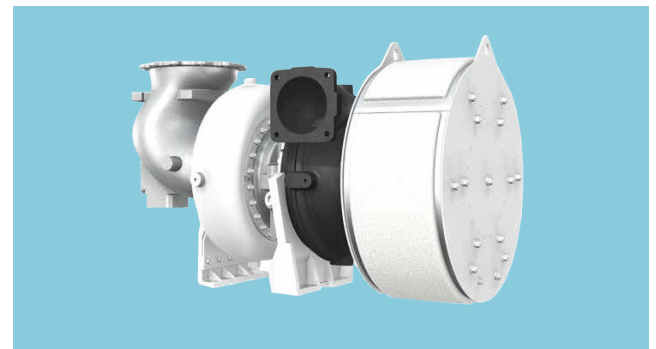
### TCT

The TCT turbocharger is the best overall package for two-stroke engines. Shipowners, shipyards and engine builders will reap benefits such as outstanding performance, reduced noise levels and increased efficiency.



### TCR

The new TCR turbochargers are designed to comply with the demands made on HFO, MDO, biofuel and gas engines. They cover the complete range of possible applications, like propulsion and stationary engines, GenSets as well as traction engines, all subject to the strictest size and weight requirements.



### TCF

The new TCF turbocharger is optimized for a high volume flow. It covers the increasing demand for part load optimized engine setups and can substitute by its extraordinary performance also larger turbocharger types of all makers without limiting the performance.

**Everllence PrimeServ offers turbocharger retrofits for diesel and gas engines from all manufacturers.**

# Service is our mission

Wherever you are, whatever the time

Everllence PrimeServ is the dedicated Everllence service brand. Via a network of over 100 service centers worldwide, Everllence PrimeServ provides essential services where and when they are needed. At Everllence PrimeServ, we understand that different customers need different solutions, tailored to individual requirements. This is more than just delivering best-in-class spare parts, upgrade solutions and technical assistance. It means working as your partner, every single step of the way.

Our range of services includes technical support, consulting and OEM spares, as well as maintenance, repair and individualized service plans like our PMC, Propeller Maintenance Concept.

Using the latest digital technology, we enable you to maximize the performance and availability of your Everllence equipment by accessing real-time data analysis, remote support and rapid solutions. We also offer an extensive range of training courses at Everllence PrimeServ Academies around the world.

For more information, please visit  
[www.everllence.com/services](http://www.everllence.com/services)





# 100

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