

UPGRADE TO CSC4



MORE THAN 900 CSC3 REPLACED



SERVICE FRIENDLY

- Software installation and upgrades can be carried out by your trained technicians
- Prefabricated adapters for installation
- Multi language tool
- All converter equipped with a CSC4 can be connected to ConverterTec OneAccess monitoring solution



IMPROVED TROUBLESHOOTING

- Extended monitoring functions
- Faster and more stable remote access to the converter's control and analysis unit
- Improved trigger and event recorder supporting in-depth analytics



REDUCED SERVICE COSTS

- Reduced system price
- Reduces storage costs due to less variants
- Higher system stability
- Lower service costs by self programmable software



IMPROVED OPERATING CHARACTERISTICS

- State-of-the-art control technology
- Higher operational reliability proven in more than 15,000 systems worldwide

IMPROVE THE OPERATIONAL AVAILABILITY OF YOUR WIND FARM.

THE CONVERTERTEC CSC4 UPGRADE ALSO SIGNIFICANTLY EXTENDS THE FUNCTIONAL SCOPE.

The CSC4 controller is ConverterTec's well proven in-house solution to run CONCYCLE® converter systems. Hence it is possible to adapt the functionalities according to your specific needs. This upgrade is currently suitable for all CONCYCLE®

systems equipped with CSC3 controller technology. In addition all CONCYCLE® systems equipped with a CSC4 controller can be connected to ConverterTec OneAccess online monitoring system.

ConverterTec

At a Glance



ConverterTec's brand CONCYCLE® stands for excellent quality in both technical design and aftermarket support. Our technology has made a significant contribution to the success of wind turbines in the megawatt class.

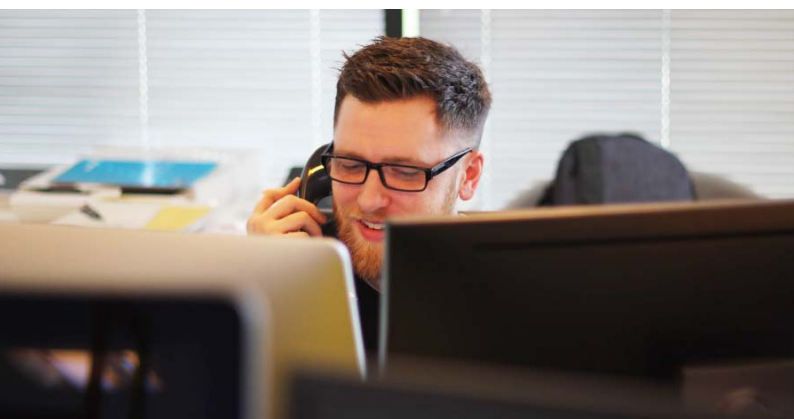
Founded in 1969 as SEG in Krefeld, Germany - grown under Woodward for more than 10 years - ConverterTec is a worldwide specialist for the conversion of electrical energy. Since 1995, the first CONCYCLE® frequency inverters have been used in variable-speed ship applications, uninterruptible power supplies and in upcoming wind and solar / PV applications.

ConverterTec is a globally acting company with strong expertise in power electronics and electrical cabinet construction. Based on our extensive know-how we offer technical support, field service, spare parts, comprehensive service products and customized solutions for power electronics and subsystems within the wind industry.

We continuously invest in the development of Service Products Service Solutions and technical upgrades to improve and secure the operation of your wind turbines for 20 years and beyond.

By choosing ConverterTec's CONCYCLE® Genuine Spare Parts, you not only benefit from our decades of in-house expertise in IGBT and control technology, you can also be certain that the converter system remains in compliance with existing grid code certifications. In addition we offer the possibility to:

- Get 24 / 7 on-call system support worldwide including public holidays
- Spare part dispatching within 24 hours from different ConverterTec warehouses
- Have ConverterTec Service Engineers ready to travel within 24 hours
- Join the ConverterTec CONCYCLE® Rapid Exchange Program



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