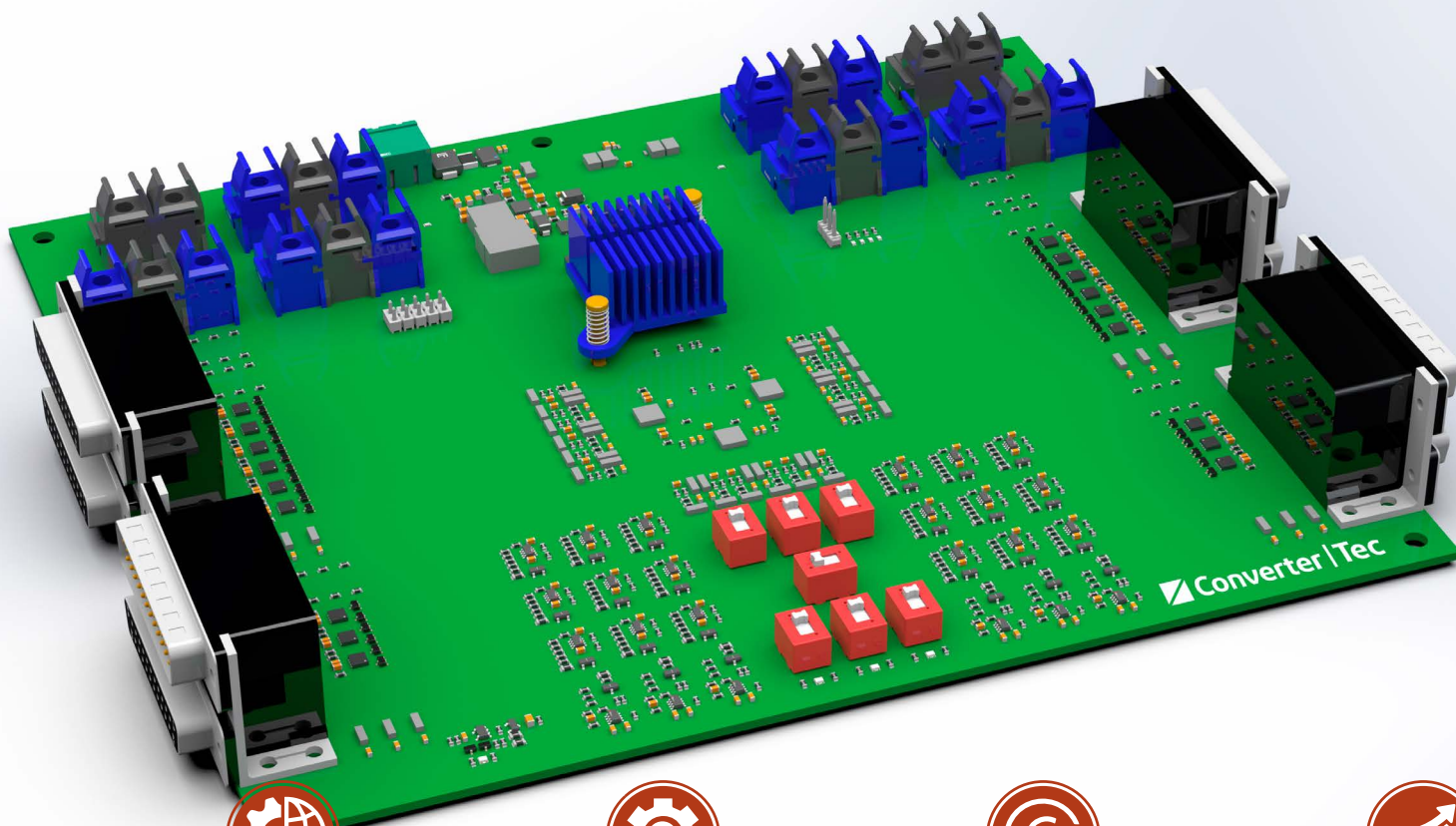


FLEXi | X FLEXIBLE STACK REPLACEMENT



SERVICE FRIENDLY

- Simple parallel operation of different stack technologies
- Quick and easy installation by trained technicians
- Avoidance of unnecessary removal of components



IMPROVED TROUBLESHOOTING

- Onboard diagnostics via LED signal lights
- Improved communication between central control and Service stack



REDUCED SERVICE COSTS

- Higher system stability
- No current asymmetries
- Lifetime extension
- Significant reduction in spare part costs
- **One fits all solution**
- Reduction of storage costs and logistical processes



IMPROVED OPERATING CHARACTERISTICS

- Stable work of the **Service stack** in combination with FLEXi | X and RAC 3xx or ModSTACKTM systems
- Reduction of downtime
- Higher system availability
- Closed loop control and active asymmetry compensation

THIS SOLUTION **FLEXi | X** ENABLES ALL CUSTOMERS TO REDUCE COSTS FOR THE REPLACEMENT STACKS OF THE MULTI-STACK SYSTEMS AND PROVIDES THE SIMPLE AND CONVENIENT PARALLEL OPERATION OF TWO DIFFERENT STACK TECHNOLOGIES (SERVICE STACK AND LEGACY STACK).

The company has developed an up-to-date solution for the stable functioning of the Service Stack in the event of malfunctions or wear and tear.

New technology FLEXi | X has been specially prepared for cases in which one of the power stacks has to be exchanged.

It allows simple and problem-free exchange of individual power stacks as well as a long-term, trouble-free function in combination with the already installed power stacks.

The measurement campaigns in the laboratories in Sofia and the test-bay in Kempen as well as extensive field tests were successfully carried out and passed.



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.

Today **ConverterTec** is one of the technologically leading companies in the field of power electronics in wind turbines and thus supports the decentralized and renewable energy supply of tomorrow. On the basis of the specially developed modular platform (MP1), customer-specific solutions that can be perfectly integrated, can be offered.

We continuously invest in both the development of new converter systems as well as in aftermarket products 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

