# Converter|Tec

Founded in 1969 as SEG in Krefeld, Germany - grown under Woodward for more than 10 years - ConverterTec is a global specialist in electric power conversion. Since 1995, first variable-speed Concycle® generators and power conversion technology is being used in marine applications, Uninterruptible Power Supply as well as in upcoming wind and solar/PV applications.

As of today we are looking to a legacy of more than 24,500 converter systems in on - and offshore applications, shipped to 47 different countries worldwide, which correspond to more than 45GW of installed power.

Our R&D centers in Kempen, Krakow and Sofia as well as our global service hubs support our global customer base on all continents.

## In Sofia we are looking for a
## SENIOR SOFTWARE ENGINEER

### Your Tasks:

- Design, support and test of moderate to high complexity software for embedded systems;
- Creation of technical specifications for new products together with the hardware team;
- Conception and programming of embedded software based on real time operating systems;
- Review and document the code, utilizing peer-review tools;
- Design and debug firmware;
- Work in close collaboration with the hardware team;
- Automatic close loop control algorithms design and implementation in embedded systems;
- Embedded system components driver design ;
- Firmware design for Microchip based products;
- VHDL implementation;
- Design of closed loop control algorithms on fixed point/float point DSPs;
- Root cause analysis in software architectures.

### Your Profile:

- Advanced engineering knowledge, proven software design, development and verification  aptitude. Capable of writing good software requirements that satisfy system expectations;
- Advanced written/verbal communication skills and presentation skills; advanced teamwork abilities;
- Advanced problem solving & troubleshooting skills and analytical calculation skills;
- Solid use of PC's and associated software;
- Full knowledge of software engineering lifecycles and quality process;
- C/C# language for embedded hardware and relevant design environment;
- Electronics hardware knowledge is required;
- Solid knowledge in specialized technical field or product family or wide spectrum of general knowledge;
- Awareness of new technologies and new tools usage in the industry;
- VHDL Configuration design for Intel/Altera/Xilinx/Lattice FPGAs is considered as plus.

### What we offer:

- Great work conditions inside a worldwide group;
- Permanent employment contract;
- Career development opportunities;
- Social benefits package (additional health and dental insurance, food vouchers, and parking/transportation card).

### If you are interested in an offer, please contact us

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