

## SERVICES NEWS

### CE services help customers comply with Directives

**Pilz Automation Technology is offering to manage entire CE marking projects on behalf of clients or provide input as and when called upon, thereby helping clients to comply with the requirements of European Directives.**



Machinery manufactured, imported from non-EU countries or substantially modified is subject to the CE marking process when put into service in the European market. By applying the CE mark, the supplier is claiming the machinery meets the essential requirements of the relevant EU Directives - mainly the Machinery Directive. Assemblies of machines such as robot cells and production lines also have to be CE marked.

The CE Marking process and the interpretation of the relevant Directives and standards requires a high level of knowledge and expertise. Such a level of competence is difficult to maintain in an ever-changing regulatory environment. Fortunately, however, Pilz has consultants and engineers available who can assist customers with both the CE marking process and implementation of any additional safety measures that are found to be necessary to meet the essential requirements of the Directives.

Pilz can manage the entire CE marking project on behalf of a client or provide input as and when called upon. Typically Pilz undertakes the following activities on behalf of clients: identification and application of the relevant Directives and standards; hazard analysis and risk assessment; creation of a safety concept and generation of related safety design; evaluation of compliance with the essential requirements and, if necessary, recommend actions required to achieve compliance; conduct all required checks, tests, and measurements; compilation of the legally required documents including the technical construction file; management and archiving of documentation. In both individual machinery projects and projects involving the linking of machines (known in the Machinery Directive as complex assemblies), Pilz can take overall responsibility for CE marking to the extent of signing the Declaration of Conformity.

Even with machinery that already displays the CE mark, customers still have a responsibility to ensure the safety of workplace machinery. Pilz can therefore examine such machinery to ensure that the documentation and machinery meet the necessary standards and that the machine is, in fact, safe.

Whatever the nature of the project, if the safety-related aspects of the machine need further work, customers have the choice of doing it themselves (provided they possess the necessary competences) or work with a third-party supplier, panel builder or system integrator. Alternatively, Pilz can provide engineering services, as well as an extensive range of machinery safety products.

Lastly, for customers designing machinery with long lead times, Pilz can provide advice and guidance in preparation for the new Machinery Directive that comes into force at the end of 2009.

Please contact Pilz to request more information about CE services by emailing [consulting@pilz.co.uk](mailto:consulting@pilz.co.uk) or visit [www.pilz.co.uk](http://www.pilz.co.uk).

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## **Note to editors**

**Pilz Automation Technology** develops, manufactures and supplies process and automation control products for use wherever there is a requirement to ensure the safety of plant, personnel or the environment. Included in the range are: safety relays; configurable safety controllers; programmable safety systems (safety PLCs) for use with or without the SafetyBUS p safe, open industrial fieldbus network; mechanically actuated and non-contact guard switches; safety light curtains; 2D and 3D vision-based safety sensors; emergency stop switches; conventional and touchscreen operator interfaces; plus control and monitoring relays for non-safety applications.

In addition, Pilz provides safety-related services, such as training, engineering, consultancy and competence management. For 20 years Pilz has taken a leading role in educating the market with regard to safety legislation. This has been through seminars on legislation, software packages that assist with standards compliance and product selection, and publications. Pilz has produced six editions of the *Guide to Machinery Safety*, a *Guide to Programmable Safety Systems*, and publishes a free monthly email newsletter

Pilz Automation Technology is a wholly owned subsidiary of Pilz GmbH & Co KG, a family-owned German company with global operations. Since its foundation in 1948, Pilz has remained at the forefront of safety technology, launching the first safety relay the first programmable safety system, the first safe, open fieldbus system (SafetyBUS p), the first solid-state safety 'relay', the first software-configurable modular safety controller, and the first safe camera system for monitoring three-dimensional zones. Future developments will see safety technology being integrated more closely with standard control, such as in servo drives with safety functionality.

*Editors should contact Pilz if they would prefer to receive future press releases electronically or by post.*

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