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Press Message

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## **Pilz SecurityBridge protects controllers from manipulation and unauthorised access - On the safe side with SecurityBridge**

Ostfildern, 20.04.2018 - **If people, machinery and industrial processes are intelligently linked, these networks are also more susceptible to attack. The Pilz SecurityBridge protects the configurable, safe small controllers PNOZmulti and the automation system PSS 4000 from network-based attacks and unauthorised access. Plant and machinery are thus not only safe, but also secure, which ensures the safety of employees and increases the availability of the machinery.**

Safety needs to do both – not only ensure protection for humans and machinery, but also offer the necessary degree of flexibility and availability in the smart factory. This requires a holistic approach in terms of safety & security, which can be supported through hardware solutions such as the Pilz SecurityBridge.

### **Safe, but also secure**

With [SecurityBridge](#), Pilz is expanding its product range to include the area of Industrial Security. The Pilz SecurityBridge protects the connections between the programming/configuration tools and the hardware controllers from manipulation by detecting unauthorised changes to the automation project, for example. The SecurityBridge acts as a firewall. However, unlike generic firewalls, they do not need complex configuration; thanks to application-specific default settings they are easy to commission using the plug-and-play principle.

As well as benefiting from the security aspect, users also enjoy higher plant availability because only the data that is necessary (authorised configuration and process data) is transmitted.

## Secure by design

Pilz will also develop future products from the perspective of security, within a TÜV-certified process in accordance with IEC 62443-4-1. Aspects such as threat scenarios, strengths and weaknesses of protocols or encryption methods are taken into consideration from the outset. The following is true in networked plants: Without security, the machinery safety can also no longer be ensured.

The same applies for both security and safety: To ensure that technical measures can work, these must be accompanied by organisational measures such as handling instructions, procedures and training. The Pilz Academy therefore offers training courses on the topic of industrial security.

Please click here for further information about [SecurityBridge](#)



**Caption:** *Pilz SecurityBridge is used within a corporate network and prevents unauthorised access to controllers.*

You can find texts and images at [www.pilz.com](http://www.pilz.com) also for downloading. To go directly to the relevant internet pages in the press centre, enter the following **Web code** in the search of the home page.: **195296**

### **Pilz in social networks**

In our social media channels we give you background information concerning the company and the people at Pilz, and we report on current developments in Automation Technology.



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### **Contact for journalists**

Press contact