

Perfect Harmony: e!COCKPIT and PFC100

With e!COCKPIT and PFC100, WAGO demonstrates how engineering software and an automation system can go hand in hand.

WAGO's e!COCKPIT Engineering Software has continuously evolved since its April 2015 launch. In fact, its second release – due at the end of January 2016 – will include even more WAGO products within its development environment. e!COCKPIT supports the entire development process of the WAGO automation components. The established CODESYS 3 industrial standard platform is the basis for the integrated engineering software. Different license models are available to fit any firm's unique needs.

An example of an advanced control unit that can be engineered with e!COCKPIT is WAGO's PFC100. By packing high performance into an ultra-compact enclosure, this unique telecontroller is ready to meet the demands of secure automation systems. The PFC100 is equipped with a Cortex A8 processor that delivers a powerful 600 MHz. The telecontroller is available in two variants – both are a mere 62 mm wide, yet house either two ETHERNET connections with DIP switches, or a serial RS-232-/RS-485 interface.

Every PFC100 is equipped with everything to supply state-of-the-art security and encryption — an integrated firewall, for example, protects against network attacks. Its real-time-capable Linux® operating system also supports IT security. The Linux® environment enables implementation of encryption technology via TLS 1.2 (Transport Layer Security). This allows an IPsec or OpenVPN connection for sending encrypted data to be directly implemented from the controller. Users can now upgrade their automation technology to meet the requirements outlined by the Germany's highly regarded BDEW White Paper and the BSI-IT Security Catalog resources.

Download and test e!COCKPIT for 30 days free of charge now: www.wago.com/ecockpit.



Continuous development: with a second release, e!COCKPIT supports even more WAGO products. Among these is the new PFC100, which packs tremendous performance into a compact telecontroller. One of these is the new PFC100, an equally compact and powerful controller.