

PCU Retrofit for SINUMERIK 840D powerline / solution line

Economical modernization and improved IT security
for PC-based machine tools

An economical alternative to a new machine

The mechanical components of your machine tools can often continue to run reliably for decades. At the same time, however, control and drive technology continues to advance at a steady pace. The discontinuation of these components can make it difficult to obtain spare parts, while older systems often fail to meet the latest IT security requirements. This also applies to machines with PCU-based **SINUMERIK 840D powerline / solution line with HMI Advanced and HMI PRO**, which is why we offer PCU Retrofit, a cost-effective alternative to a complete retrofit or the purchase of a new machine.

Your path to a modernized machine

You get transparency regarding the costs in advance, because we evaluate the machine before implementation to determine the feasibility and provide a cost estimate.

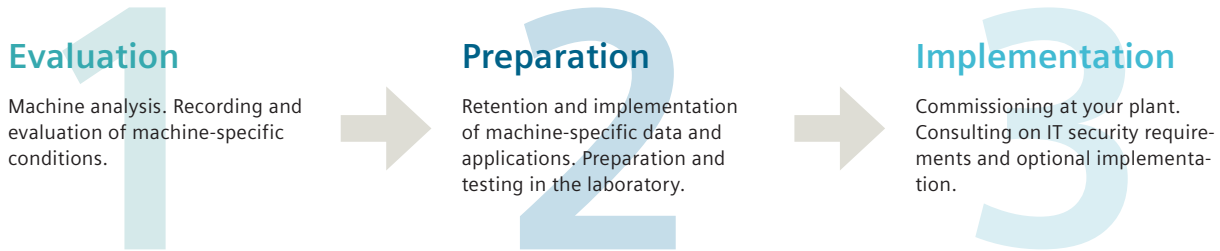
The existing PCU-based controller is replaced with a new, state-of-the-art, industrial PC and the operating system is upgraded to the latest version while retaining the same user interface. Depending on the existing electrical equipment of the machine, additional hardware and software components are upgraded.

Our service technicians then perform a complete machine parameterization and implement your special, customer-specific functions in the laboratory. As a result, your machine is immediately operable and productive after a brief conversion period.

Your benefits

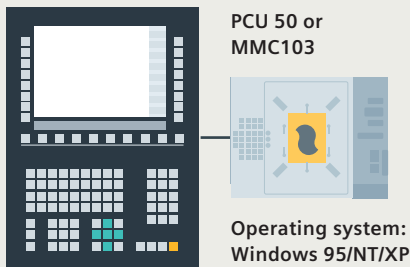
- Improved IT security thanks to the new Windows 10 operating system that enables integration into IT systems
- Higher productivity thanks to guaranteed spare parts availability and state-of-the-art hardware
- Increased functionality thanks to the latest software version with HMI Advanced

Three-step PCU Retrofit for SINUMERIK 840D powerline / solution line with HMI Advanced and HMI PRO

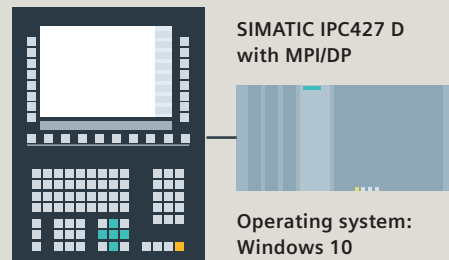


Partial modernization at a glance

Before the PCU Retrofit



After the PCU Retrofit



Take advantage of:



increased IT security



and higher machine availability

Existing SIMODRIVE / SINAMICS drive components are retained

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