

**AMB 2018, Hall 2, Booth B03**

## Machine tool retrofit to increase productivity, user convenience and safety

- **"PCU Retrofit for Sinumerik 840D" service offered for machine tools with a Sinumerik 840D pl controller**
- **PCU-based (Panel Control Unit) controller updated**
- **After a short retrofitting time, equipment is ready again for immediate use**

The "PCU Retrofit for Sinumerik 840D" service is offered by Siemens to modernize machine tools with a Sinumerik 840D pl controller, as an alternative to a new purchase. This can be significantly more cost-effective than investing in new equipment. In the retrofit, the PCU-based (Panel Control Unit) controller is updated and obsolete hardware and software is replaced. Users then benefit from long-term spare parts availability, as well as greater IT security thanks to the current operating system. In addition, the latest HMI Advanced (human-machine interface) software provides extended functionality and increased convenience in operation and monitoring. With the retrofit service, users can experience an appreciable improvement in the performance of their machine tools and in the productivity of their facility.

During the retrofit, the existing Sinumerik PCU50 and MMC103 hardware and software components are removed and replaced with a Simatic IPC 427D industrial PC with Windows 10 and up-to-date HMI Advanced (human-machine interface) operating software. Before the retrofit, the machine tool is analyzed on the customer's premises. Next, equipment parameters and applications are tested in the laboratory with the new components.

After successful testing, retrofit experts then put the solution into operation on the customer's side. After a short retrofitting time, the equipment is ready again for immediate productive use.



The "PCU Retrofit for Sinumerik 840D" service is offered by Siemens to modernize machine tools with a Sinumerik 840D pl controller, as an alternative to a new purchase.

You can find this press release, together with a press photo, at

[www.siemens.com/press/PR2018090285DFEN](http://www.siemens.com/press/PR2018090285DFEN)

Find out more at [www.siemens.com/amb](http://www.siemens.com/amb)

### Contact for journalists

Dr. David Petry

Phone: +49 9131 7-26616; E-mail: [david.petry@siemens.com](mailto:david.petry@siemens.com)

Follow us on **social media**:

**Twitter:** [www.twitter.com/siemens\\_press](https://twitter.com/siemens_press) and [www.twitter.com/SiemensIndustry](https://twitter.com/SiemensIndustry)

**Blog:** <https://blogs.siemens.com/mediaservice-industries-en>

**Siemens AG** (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for 170 years. The company is active around the globe, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. With its publicly listed subsidiary Siemens Healthineers AG, the company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2017, which ended on September 30, 2017, Siemens generated revenue of €83.0 billion and net income of €6.2 billion. At the end of September 2017, the company had around 377,000 employees worldwide. Further information is available on the Internet at [www.siemens.com](http://www.siemens.com).