



**Industrie-Elektronik**

QUALITY MAKES THE DIFFERENCE



# CNC

CONTROL SYSTEMS &  
DRIVE TECHNOLOGY

## Keeping your machinery on target today and tomorrow.



### The advantages BVS has to offer:

- ✓ Portfolio and warehouse with a range of manufacturers with well over 100,000 modules
- ✓ Outstanding repair quality at the manufacturer level through partnerships or collaboration with the manufacturers
- ✓ Experience gained from analysing over 500,000 repairs
- ✓ Reduction of machine downtimes and the subsequent costs and therefore maximising machine availability
- ✓ Repairs in compliance with the Machinery Directive and certified to DIN EN ISO 9001:2015 and 14001:2015
- ✓ Exclusive use of new components authorised by the manufacturer and legislator
- ✓ Extensive test field including original test stands
- ✓ Fast and reliable delivery services

### BVS is an expert in repairing and selling CNC control systems and drive technology

For over 30 years, we've repaired and sold current and discontinued PLC control systems from various manufacturers. Our knowledge in this area encompasses the entire technology field, from machine controls and the machine control panels that go with them, to feed/

return modules, power and control modules and even motors.

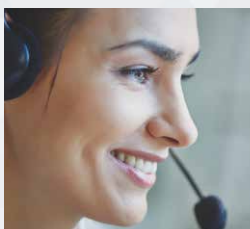
Reputable companies from various branches of the production industry have been among our regular customers for decades.



#### Industries with machine tool applications, e. g.:

- Automotive manufacturers and suppliers
- Aviation & Shipping
- Machining & forming technology

and many more.



We are available to answer your questions around the clock.

**24/7 Hotline: +49 6181 95404-200**

Fax: +49 6181 95404-5

E-mail: [service@bvs-cnc.de](mailto:service@bvs-cnc.de)



**BVS Industrie-Elektronik GmbH**

Repair | Sales | Service – Electronics for CNC, PLC & ROBOTS and renewable energies

Margarete-von-Wrangell-Straße 18 • 63457 Hanau • Germany

\*Please see our terms and conditions for warranty details.

[www.bvs-cnc.com](http://www.bvs-cnc.com)

## Our Product Range

We offer products and replacement parts from internationally established brand-name manufacturers as well as proprietary brands in CNC technology and peripherals.

We have decades of experience with a range of manufacturers in repairing modules from major manufacturer brands for CNC control systems and drive technology, such as Siemens, Bosch Rexroth and Fanuc. We also maintain very close partnerships with manufacturers and are even an official "Service Point" of Bosch Rexroth, among other things.

For these brands, we offer a 24-month warranty\* on all product reconditioned modules as well as a wide range of additional services. Our repairs are always in compliance with the Machinery Directive, so that you can save money on an expensive retrofit and keep your machine tool the way it is.

But that's not all: Upon request, we also offer functional repairs and procurement support along with cleaning and inspection for many other manufacturer brands in the "CNC control systems and drive technology" field.



Other CNC manufacturers by request, such as

Mitsubishi  
FAGOR  
Heidenhain  
Isel Germany  
Schleicher

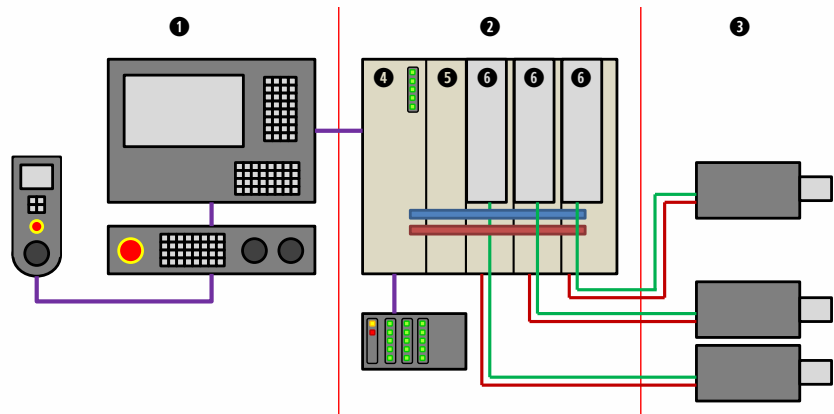
and many more.



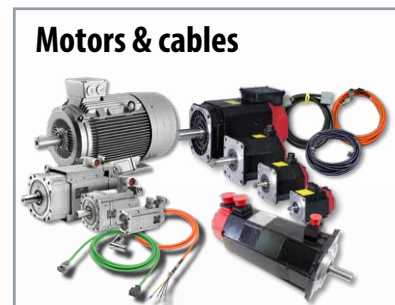
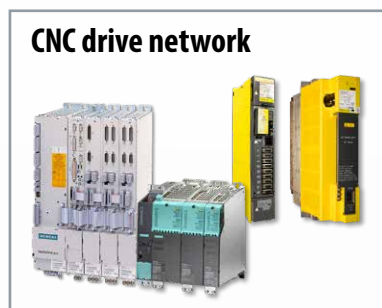
# The components of CNC technology

Example of schematic layout for a CNC system.

- ❶ Operator panels
- ❷ Switch cabinet
- ❸ Motors
- ❹ Infeed module
- ❺ NCU
- ❻ Adjustment Card



We offer all relevant **CNC control systems**, **control panels** and **handheld control panels**, **machine control panels** as well as **power supplies** and **drive systems** in our product range. You'll find both current and discontinued product series from our core competence brands **Siemens**, **Bosch Rexroth** and **Fanuc** as well as many others.



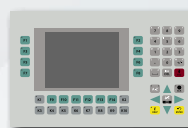
We offer monitors and control panels from many manufacturer series in addition to product enhancements designed specifically for the item in question, such as TFT displays to replace tube monitors and replacement solutions from our proprietary brand, unipo®.

**Original:**  
Siemens OP7

**Replacement:**  
unipo® UCP5

**Original:**  
Siemens OP25/27

**Replacement:**  
unipo® UCP250

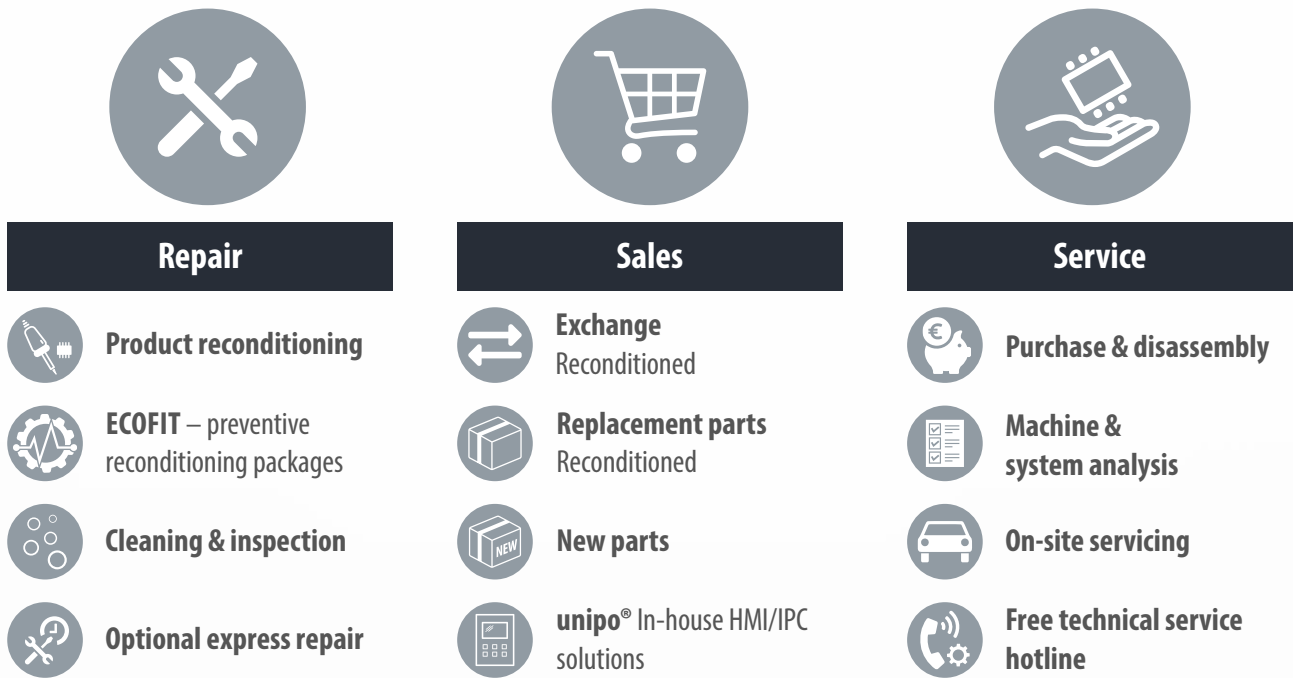


**unipo®**  
Brand of **bvs** Industrie-Elektronik

Siemens Original	unipo Replacement solution
OP5 / OP7	UCP-OP5/7
OP15 / OP17	UCP-OP15/17
OP25 / OP27	UCP-OP25/27
OP35 / OP37	UCP-OP35/37
OP45	upon request
OP77	UCP-TD17
TD17 / TP37 / TP170B	UCP-TP27/170
TP27	UCP-250-TP37
MP270 / MP370	upon request

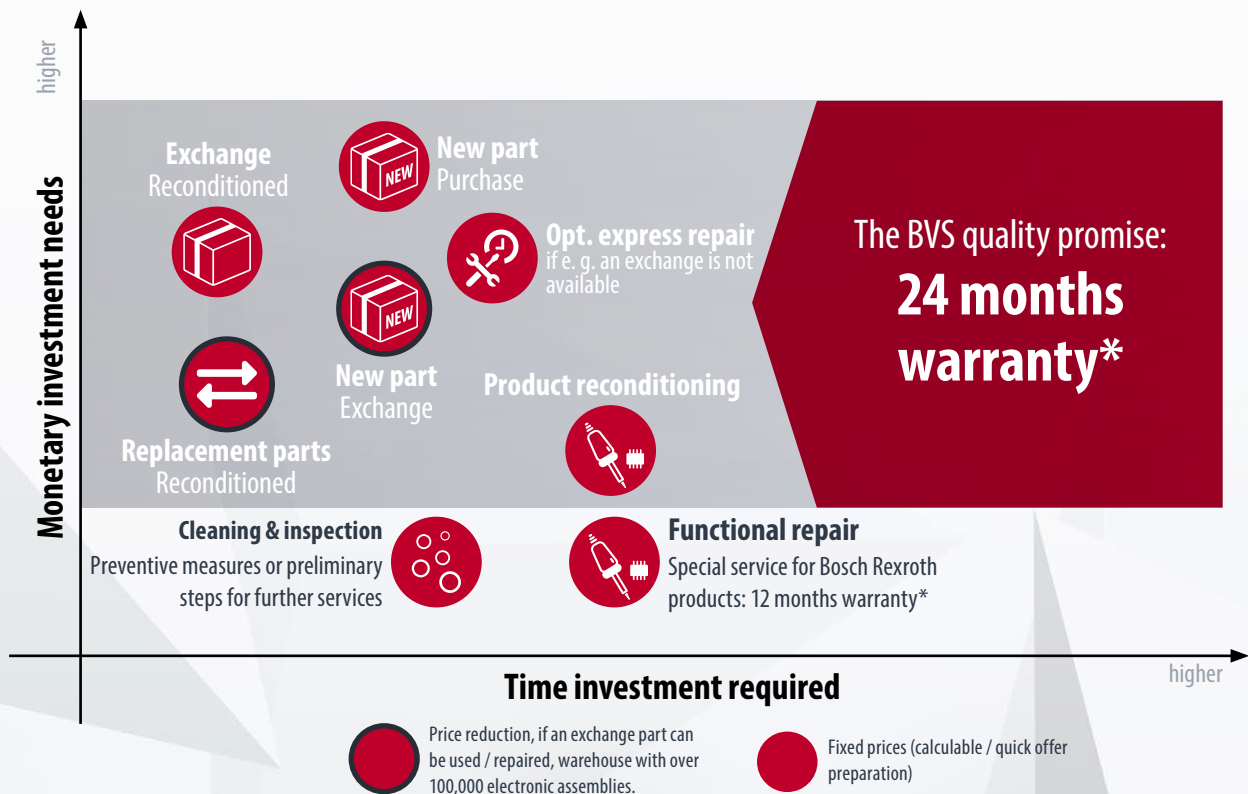
## Our range of services

BVS offers a diverse, manufacturer-independent range of services for the maintenance of your systems.



## Our repair and sales services

provide an adequate solution for every need.



## Our promise of quality

We take many different measures to ensure we live up to our promise of high quality. You can count on that.

We guarantee a consistently high level of quality. This is particularly beneficial for the repairs we complete, during which components approved by the manufacturer or legislator are used.

The detailed documentation of the fault patterns of the more than 500,000 successful repairs that we have completed to date, enables us to analyse, evaluate and resolve production-related weak points on electronic modules. During an overhaul repair, we therefore do not just replace components that have become worn through age or use but also those components that have been identified as production-related weak points as part of these analyses.

Our entire company complies with the quality standards and quality directives as per **DIN EN ISO 9001:2015** and the environmental management standard as per **DIN EN ISO 14001:2015**.

Our high level of quality guarantees **the highest system availability** and **lowest maintenance costs** over the entire life cycle of your machines and systems. We can guarantee this quality promise to you by continuously developing our expertise and measuring ourselves against the manufacturers' quality standards.

Based on this, we can offer our customers a **24-month warranty\*** on the complete assembly.



State-of-the-art repair stations



Extensive BVS test field, including original test stands.



**Practical tip:**  
Regular cleaning &  
inspection of your electronic  
assemblies

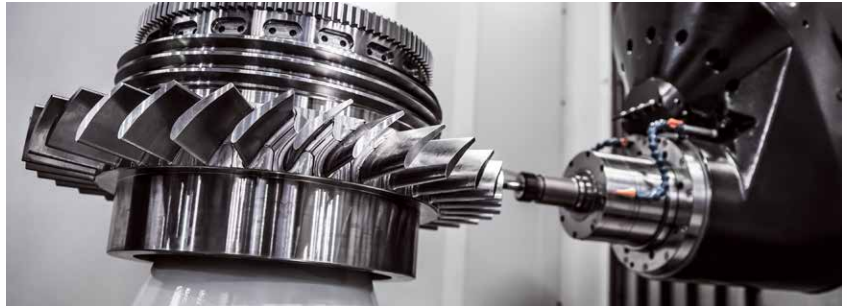
Regular mechanical maintenance is essential for the smooth operation of your CNC machine tool. However, electronic assemblies are also subject to age-related wear and tear and are prone to corrosion - due, for example, to high humidity or dust.

Protect your assemblies from permanent damage and use our professional assembly inspection and cleaning. You can find out more about this on our website.



## Little things can have a big impact!

Failures in individual components can often have devastating effects on the operation of your CNC machine tool. You need to act fast to avoid machine downtime. With BVS as your partner, you're always in safe hands.



**When your system comes to a standstill and a quick response is vital, we'll be there for you!**



### 24/7 hotline

Our **24/7 hotline** is available for you around the clock with order and courier delivery services (also on Sundays and public holidays!).



### Extensive warehouse

If you have to go quickly, you can use our manufacturer-independent warehouse with over **100,000 items that are always on-stock** and available 24/7.



### Optional express delivery

Our **express courier** guarantees you the fastest possible delivery service throughout Europe 24/7. Assemblies ordered in this way leave our warehouse within an hour.



**+49 6181 95404-200**



### Our tip:

The fastest storage is always on your own premises! That's why we offer our service for **machine and systems analysis**.

What industrial electronic modules are installed in the machines, systems and control cabinets in your production halls? Can your replacement part warehouse fulfil your requirements in an emergency? Do you have an overview of the availability of your industrial electronic modules in the event of your machine coming to a standstill?

These questions are not easy to answer. Our experience Service Team is ready to help you find the answers.

