



enhance  
your automation thinking

## PLCnext Technology

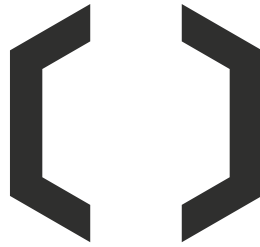
The platform for limitless automation



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PLCnext Technology<sup>®</sup>  
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In a rapidly changing world, in which more things are now networked together than there are people, industrial automation is also undergoing a fundamental shift: classic system structures are developing into cyber physical systems, and future-oriented automation systems must be flexible, open, and networked.

It is time for a platform that provides completely new levels of freedom for automation. It is time to think in new ways. It is time for:

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# enhanced development



PC-Worx  
Engineer



Microsoft  
Visual Studio

Matlab  
Simulink

Matlab  
Simulink

eclipse

IEC 61131

IEC 61131


C++

## Connected coworking

With PLCnext Technology, several developers from different generations can work on one controller program independently of each other using different programming languages. Thus, you can develop complex applications quickly using the advantages of the classic PLC world and the openness and flexibility of PLCnext Technology.



# enhanced performance



## Real-time execution across different programming languages

Combine program sequences in different languages into tasks as desired. The task-handling of the PLCnext Technology (patent applied for) lets program routines of different origin run like a classical IEC-61131-PLC-code – Your high-level language programs become automatically deterministic. The platform ensures consistent data exchange and synchronous execution of the program code.

# enhanced freedom

## Flexible integration of open-source software and apps

PLCnext Technology enables any desired combination of independently created program parts and complete applications. The use of open-source software and apps improves the efficiency of your development processes. There are no limits to future expansions.





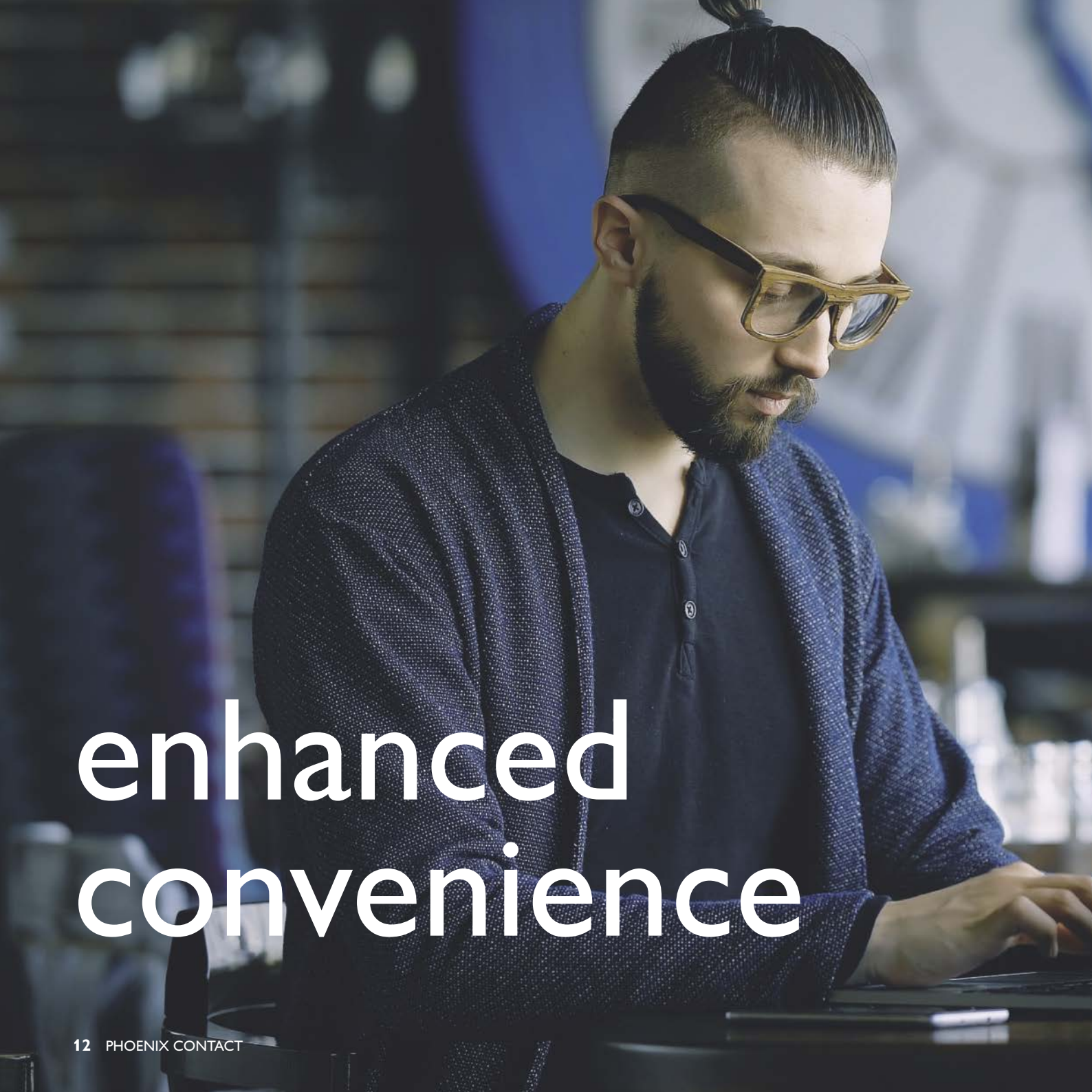


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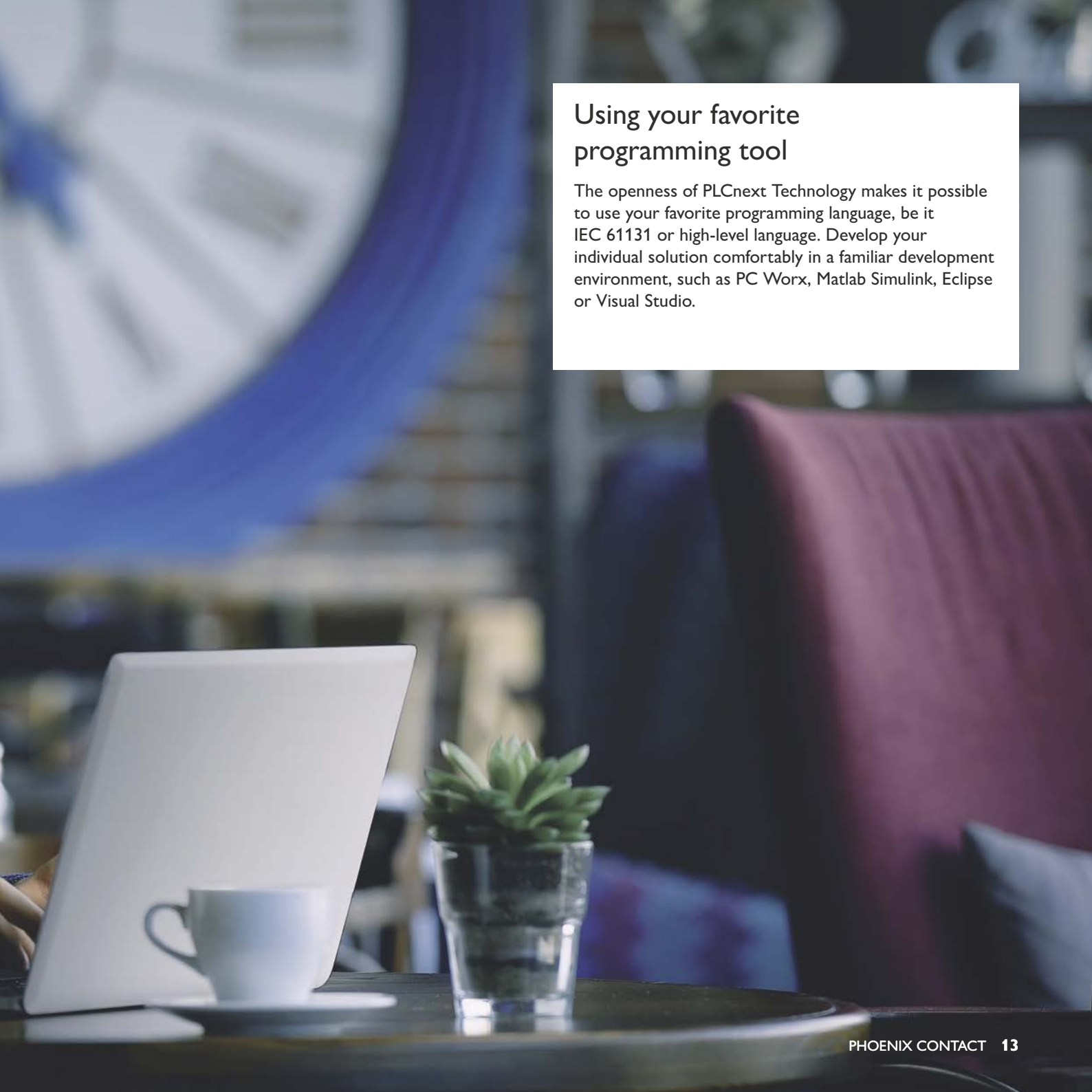
# connectivity

## Open interfaces and cloud integration

PLCnext Technology enables the integration of current and future interfaces and protocols for open communication in highly networked automation systems. Implement new IoT-based business models through direct connection to cloud-based services and databases.



enhanced  
convenience

A person is working on a laptop in a cafe. On the table in front of them is a white cup of coffee and a small succulent in a glass. The background is a blurred cafe interior with blue and purple cushions.

## Using your favorite programming tool

The openness of PLCnext Technology makes it possible to use your favorite programming language, be it IEC 61131 or high-level language. Develop your individual solution comfortably in a familiar development environment, such as PC Worx, Matlab Simulink, Eclipse or Visual Studio.

PLCnext Technology is the platform for limitless automation.  
Discover the advantages of this open control platform:

- ✓ PLC-typical real time performance and data consistency, also for high-level languages and model-based code
- ✓ Limitless adaption capability through quick, simple integration of open-source software, apps, and future technologies
- ✓ Intelligent networking through cloud connection and integration of current and future communication standards
- ✓ Quick application development: Several developers work independently in different programming languages
- ✓ Convenient engineering with your favorite programming tools

Explore new paths with PLCnext Technology. Order your first PLCnext Control AXC F 2152 using the order number 2404267 at [phoenixcontact.com/plcnext](https://www.phoenixcontact.com/plcnext) and become a member of our community for limitless automation – [plcnext-community.net](https://www.plcnext-community.net).

**#enhance**

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# In dialog with customers and partners worldwide

Phoenix Contact is a globally present, Germany-based market leader. Our group is synonym for future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation. A global network across more than 100 countries, and 15,000 employees ensure a close proximity to our customers, which we believe is particularly important.

The wide variety of our innovative products makes it easy for our customers to find future-oriented solutions for different applications and industries. We especially focus on the fields of energy, infrastructure, process and factory automation.



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