

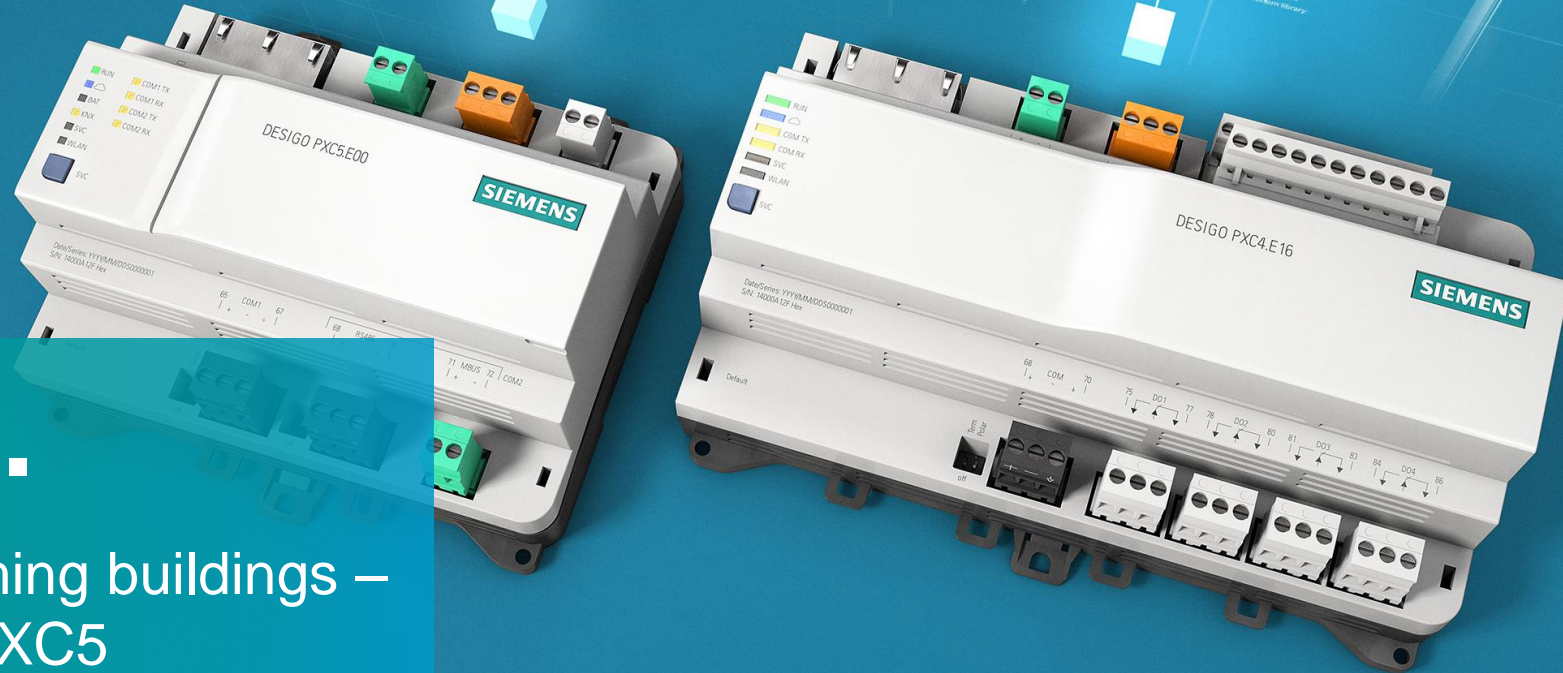
SIEMENS
Ingenuity for life

Your turn.

Control high-performing buildings –
Desigo PXC4 and PXC5

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[siemens.com/pxc-controllers](https://www.siemens.com/pxc-controllers)

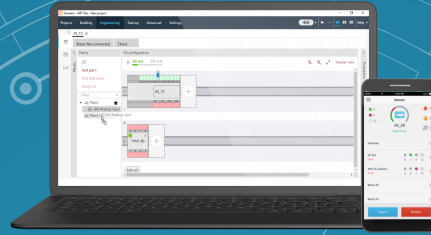


Intuitive engineering

Get things done better, faster, easier and more reliably

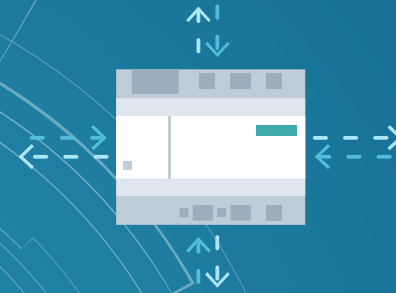


Desigo PXC



Open by design

Open interfaces and seamless integration



Security in mind

Built in features to enable security



Easy access

Visualize your system any time from anywhere





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Intuitive engineering

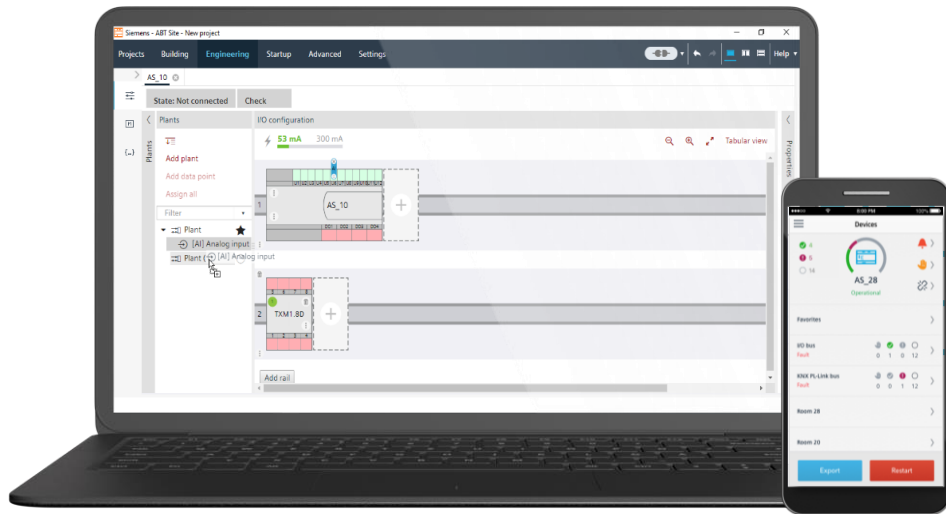
Get things done better,
faster, easier and more reliably.

Intuitive engineering

Engineering and commissioning for high-performing buildings

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Desigo Engineering Framework



ABT Site

Engineering and commissioning tool

ABT Go

Commissioning tool



Desigo PXC5

For system functions and integration

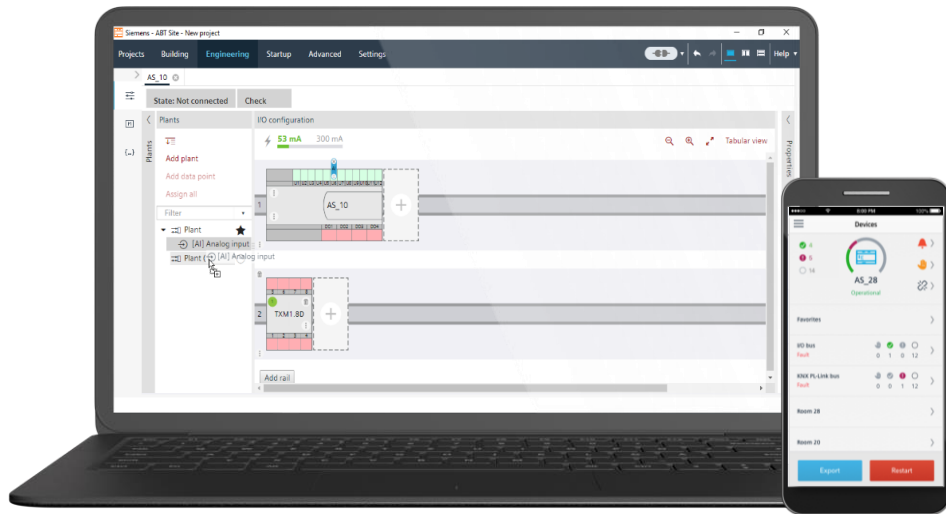


Desigo PXC4

For HVAC plants

Intuitive engineering

License free and openly available



ABT Site
Engineering and
commissioning tool

ABT Go
Commissioning tool

- **FREE**, no licenses
- Easy download
- Fast installation
- Get started in minutes
- Intuitive and workflow driven

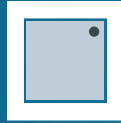
Intuitive engineering

Expanding your possibilities. One framework, many products

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Sensors



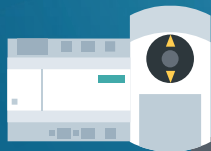
Modbus damper actuators



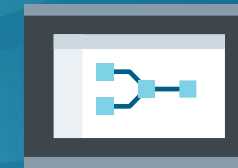
Intelligent valves



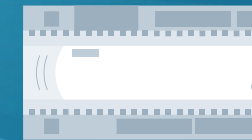
Actuating controllers



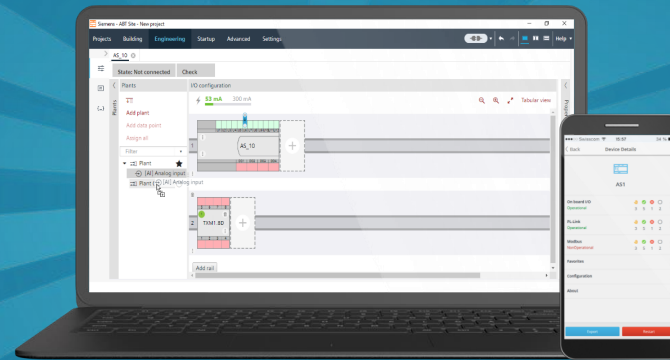
Automation controller



Embedded building management



Room automation stations



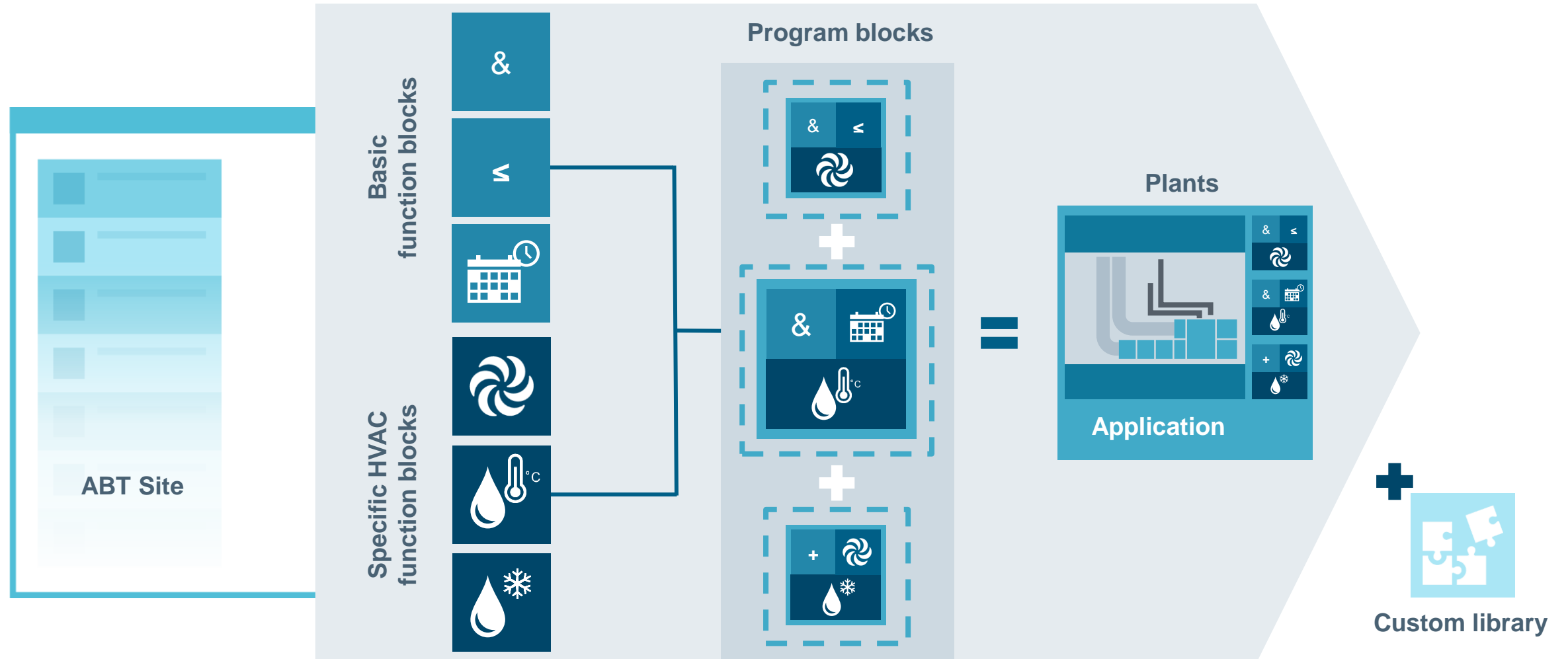
Desigo Engineering Framework

...

More to come

Intuitive engineering

Simplified programming to highly reduce engineering complexity



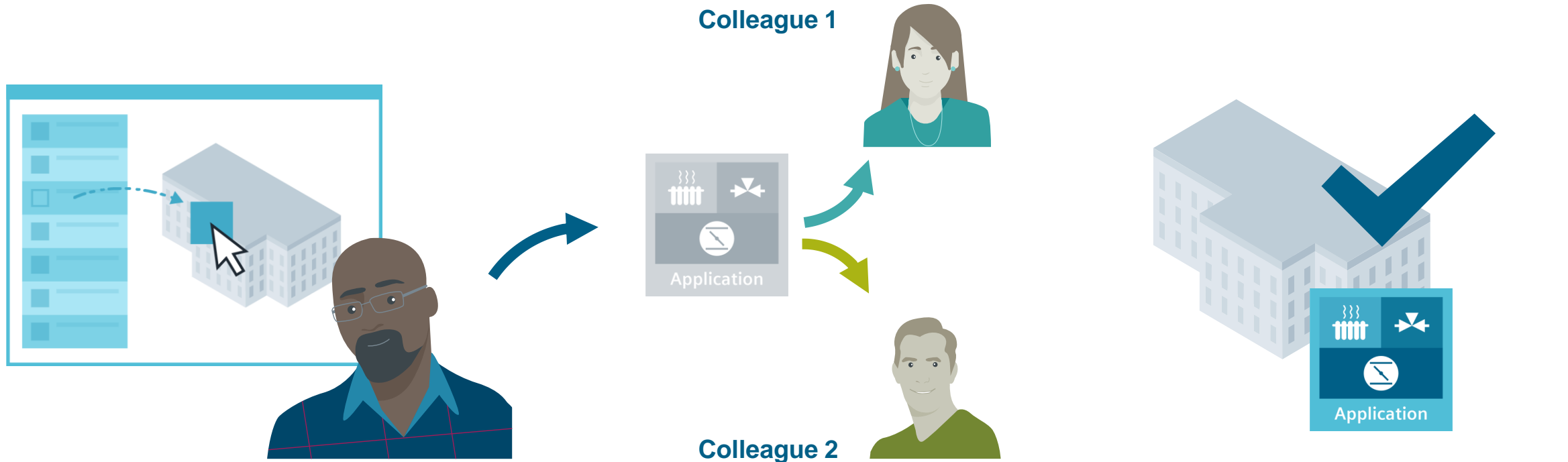
Intuitive engineering

Build, share and deploy your application

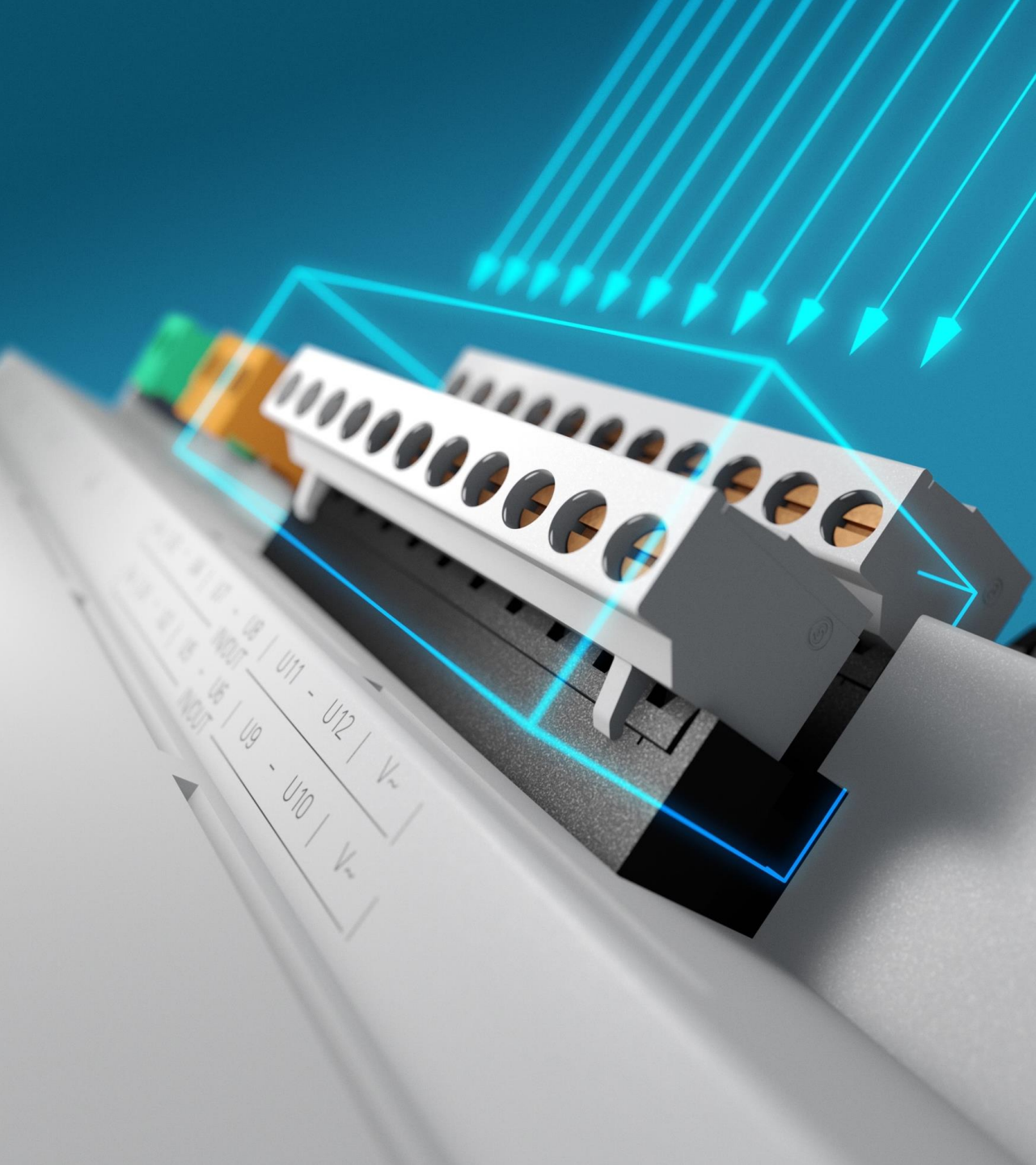
Build

Share

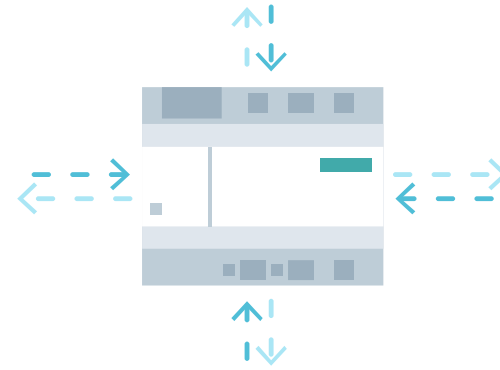
Deploy



Enabling you to create and manage your own library, for your organization



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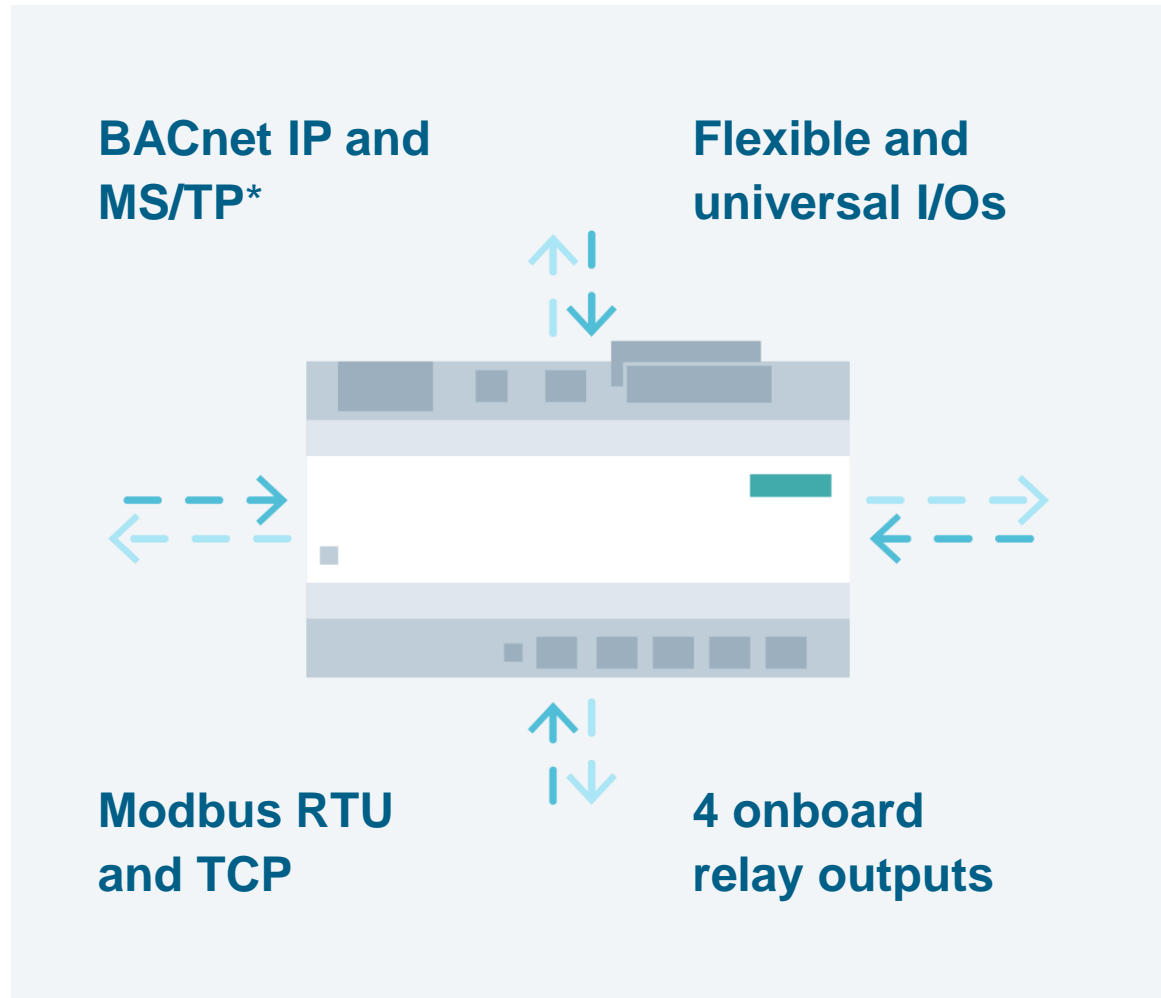


Open by design

Open interfaces and seamless integration, free programmable and compact controllers

Open by design

Open, compact, all in one design



Open by design means

Integrating different protocols with no need for additional hardware or software, in a consistent and harmonized workflow

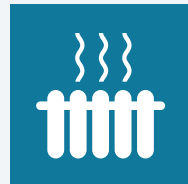
Open by design

Integrating multiple protocol is easy

Import devices
(BACnet, Modbus*)



Add Functions



Complete Applications



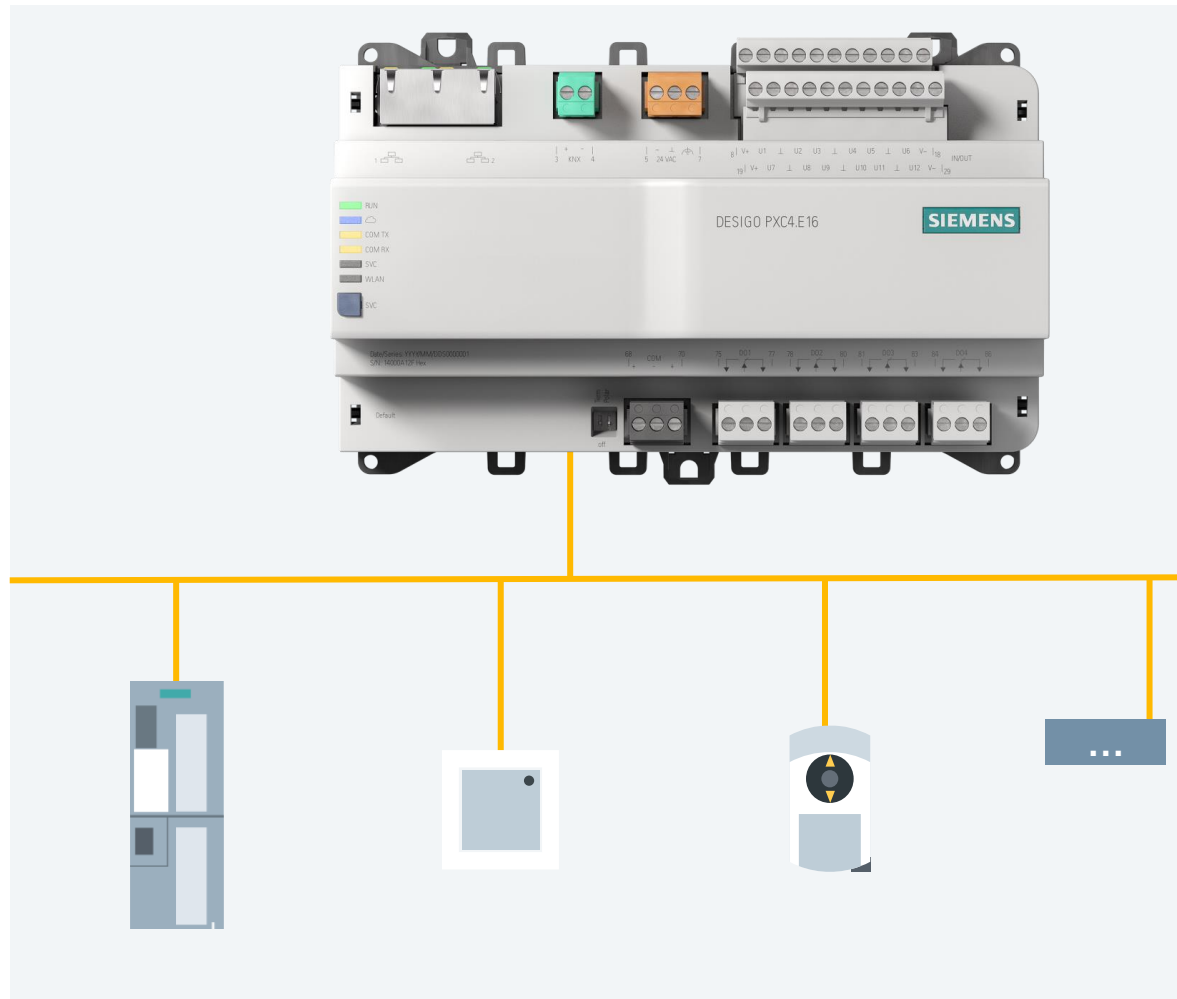
Consistent engineering

Allows integration and mixing of different protocol, without extra effort.

- No licences needed
- One framework with one workflow
- Creating full function
- Fast, simple = saving engineering hours

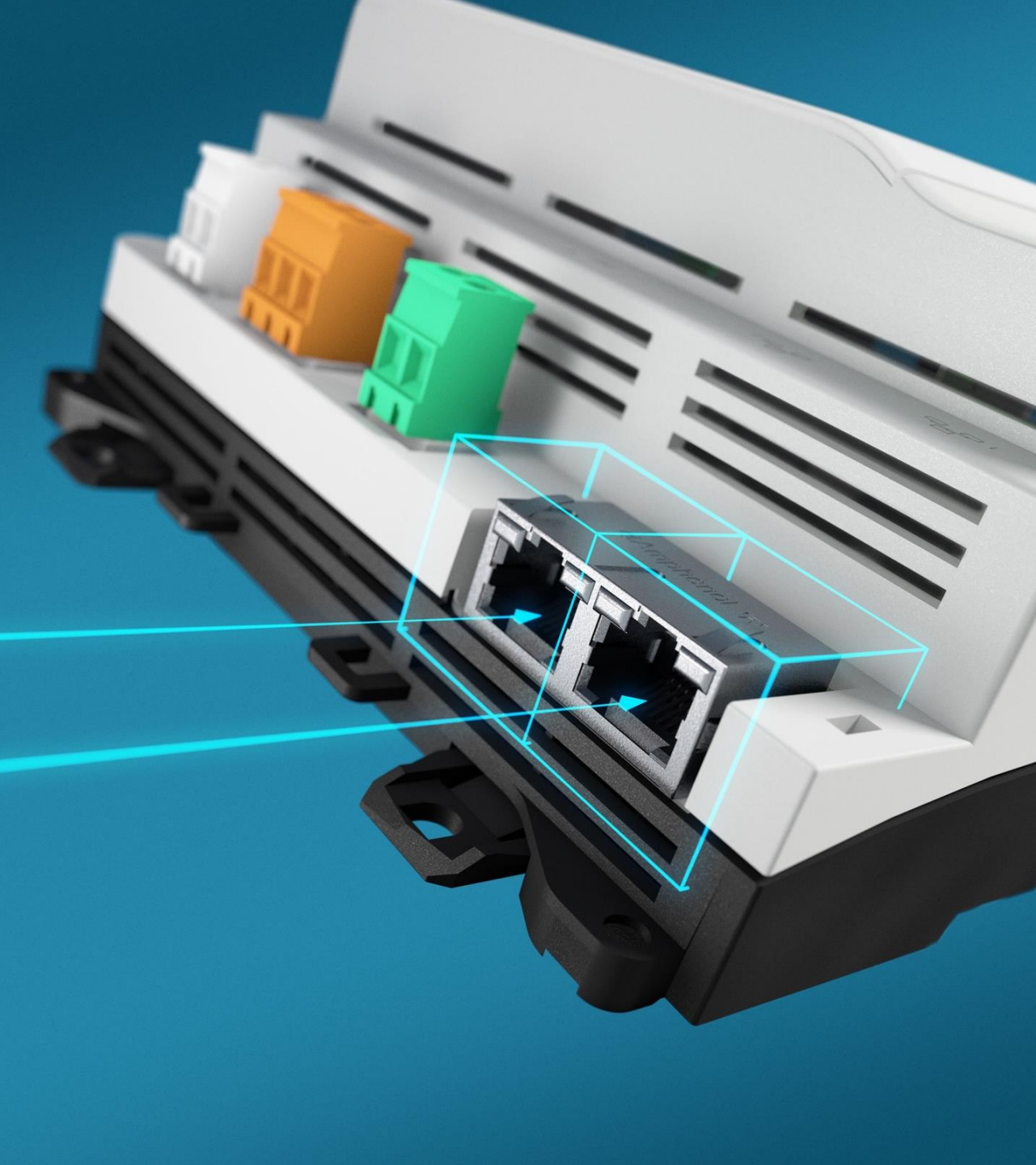
Open by design

An example of Modbus integration



- ✓ Enhanced functionality
- ✓ Decreases wire cluttering
- ✓ Simplifies installation and engineering
- ✓ Identical workflow and engineering for BACnet and Modbus*, reducing training needs

* Ready for expansion of KNX, and M-Bus



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Easy access

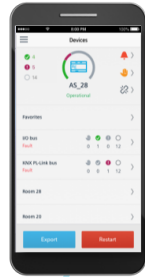
Visualize your system.
Anytime, from anywhere

Easy access

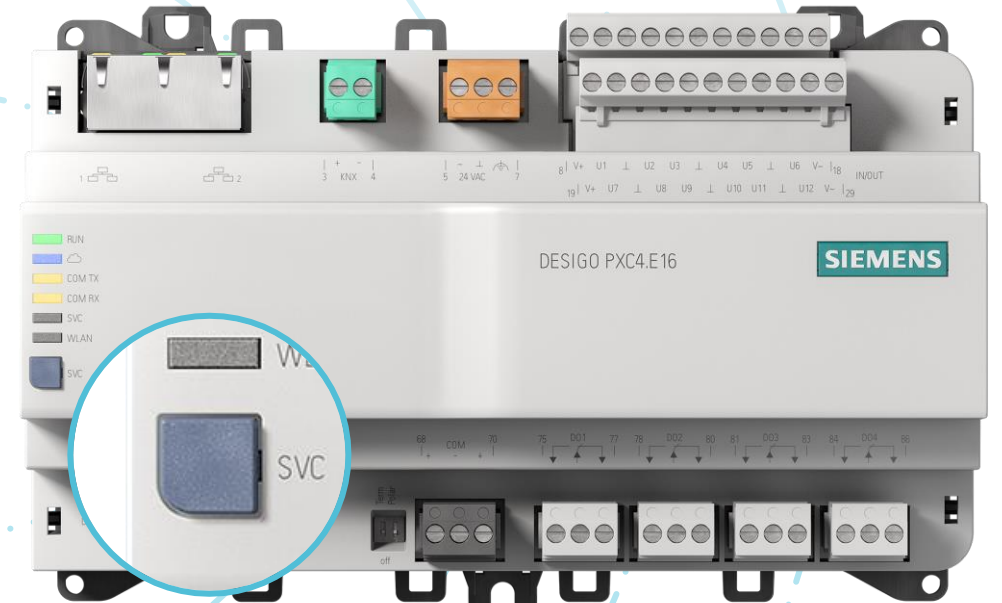
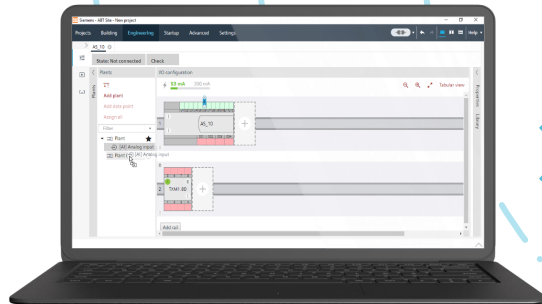
Wireless access for engineering and commissioning

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ABT Go

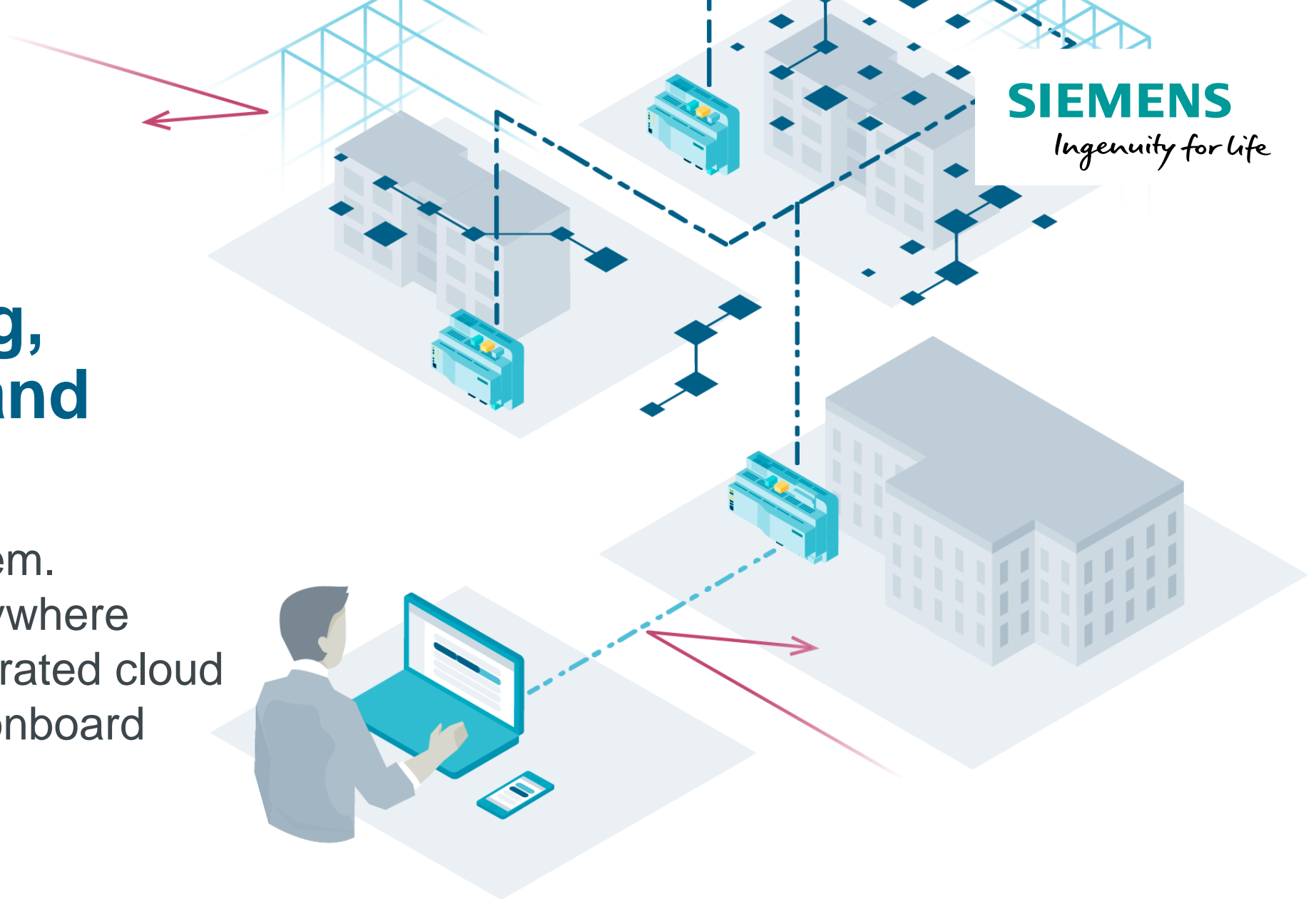


ABT Site



Remote engineering, operation and monitoring

Access your system.
Anytime, from anywhere
thanks to an integrated cloud
connectivity and onboard
web interface

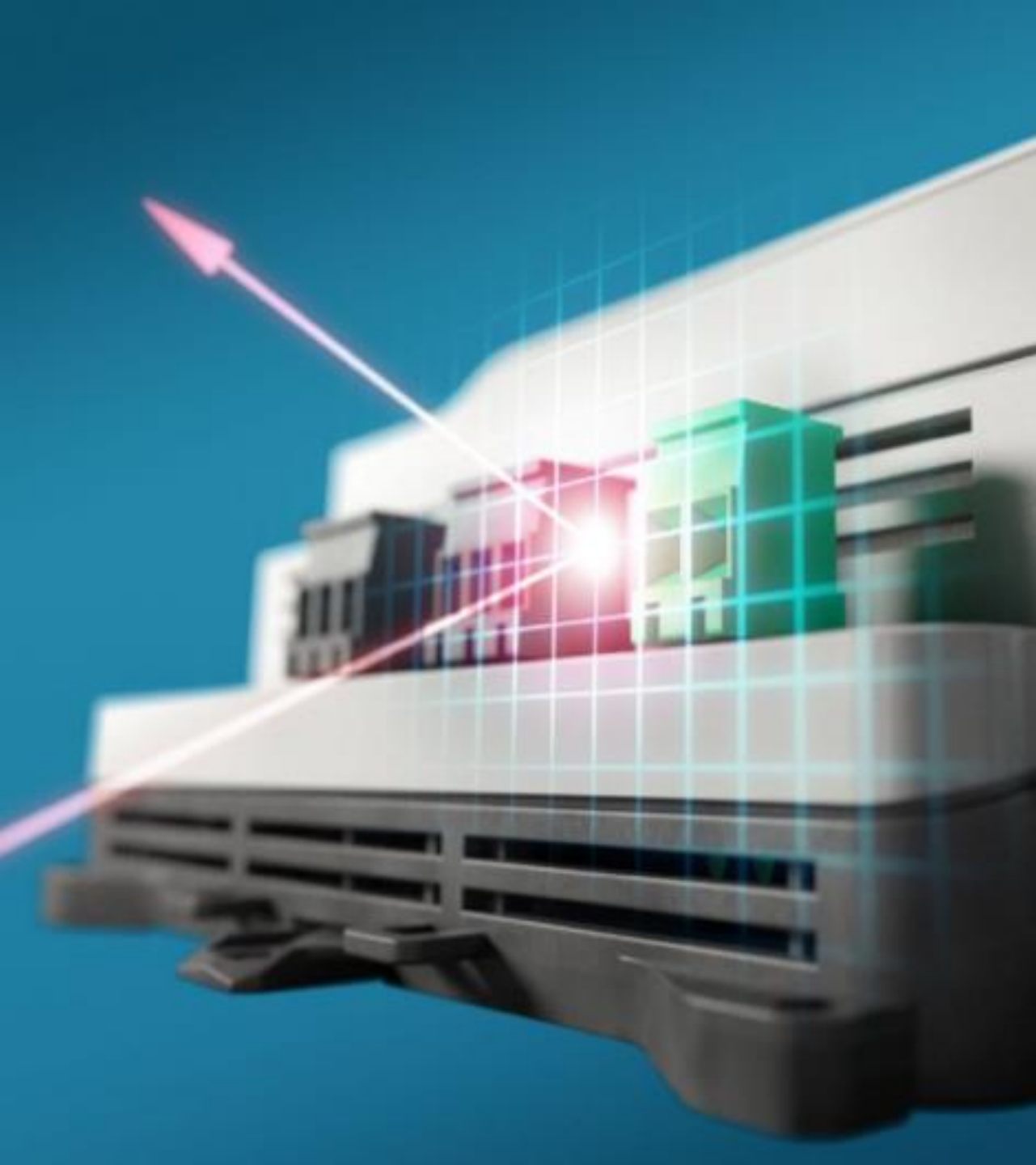


Easy access

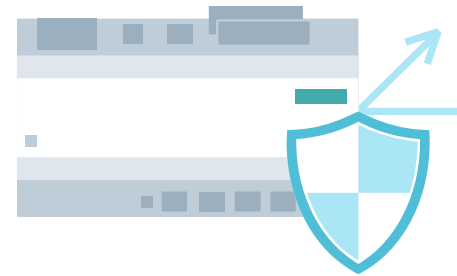
Onboard web interface



- Always available web interface
- Basic operation and monitoring tasks can be done by accessing the onboard web interface, simplifying commissioning and maintenance tasks
- Remotely accessing the web interface is possible via secure cloud connection
- Alarm handling to find and remove faults



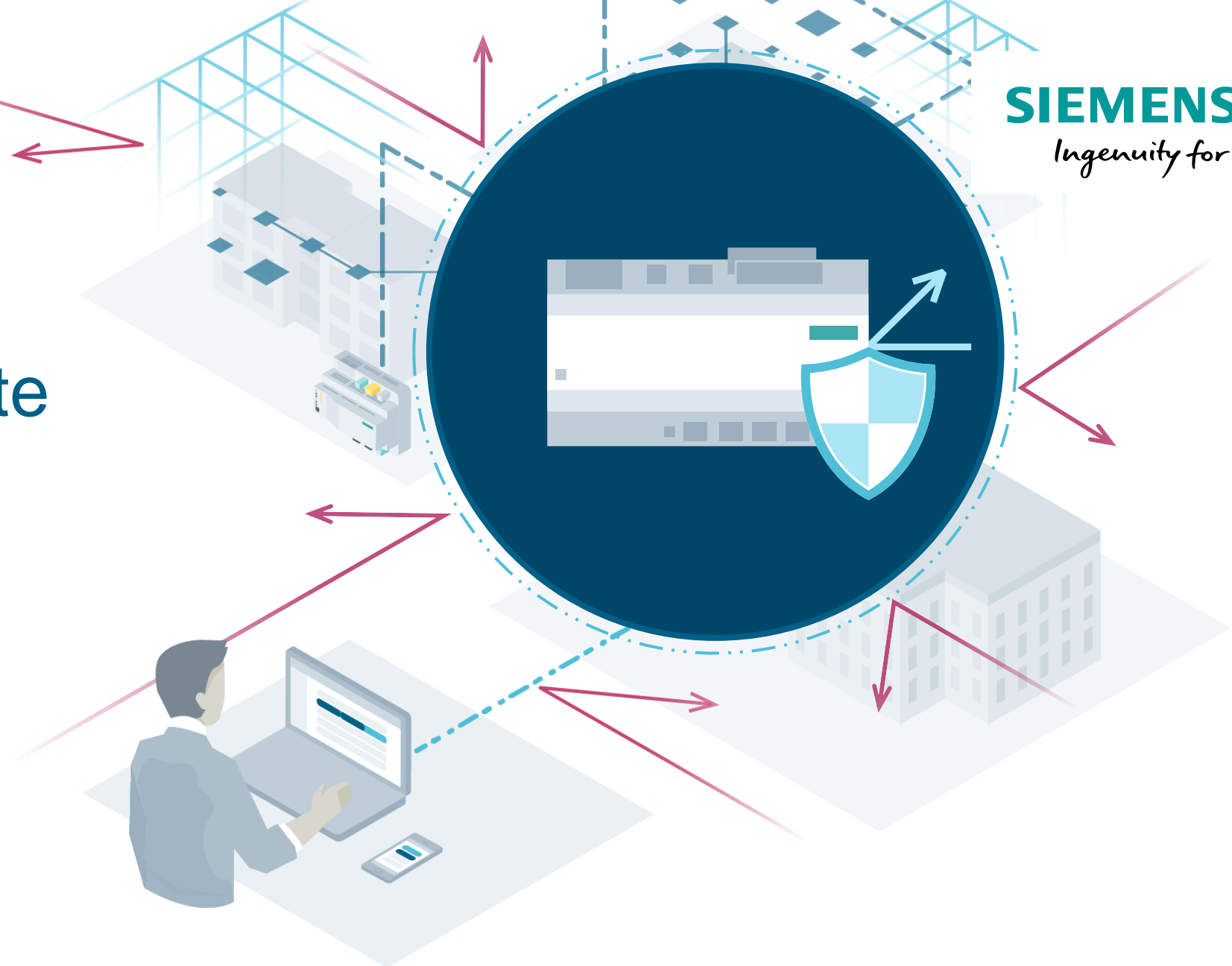
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Security in mind

Built-in features to enable security,
now and in the future.

Increased
on- and off-site
connectivity
requires
secure
connectivity



Security in mind

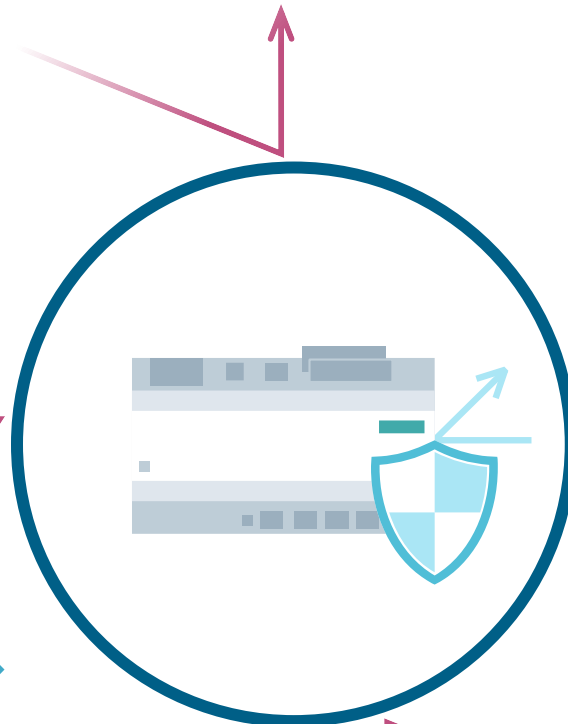
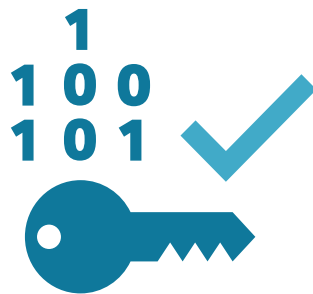
PXC4 and PXC5 has been designed with security in mind



- Certificate handling
- Signed firmware



- Communication with embedded server is encrypted via https
- Prepared for BACnet Secure Connect



- All products undergo penetration tests before release
- System hardening guidelines for installation provided



- Password protection
- Disabling of Hotspot

Security in mind

Securely connect multiple sites



- Remote access for ABT Site
- Remote web access via web portal and web interface

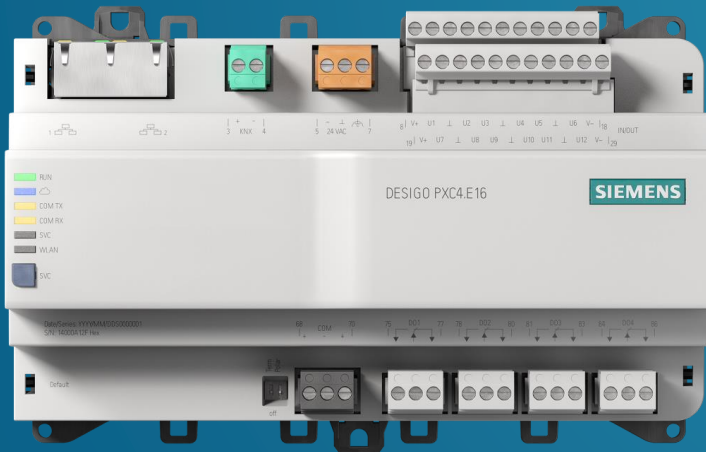
Only the beginning – starting of a journey

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Desigo PXC5

For system functions and integration



Desigo PXC4

For HVAC plants

... there
is more
to come.

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Now it's
your turn.

