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 PERCo[®] quality management system
 PERCo[®] Quality management system 5. Working with **PERCo**

PERCo in brief



- 32 years of operation
- Export to 90 countries
- ISO 9001:2015 quality management system
- All products on EU duty-free stock
- 340 resellers worldwide



PERCo is the leading Russian turnstile manufacturer since 1988



PERCo in brief: modern production plant







TRUMPF

















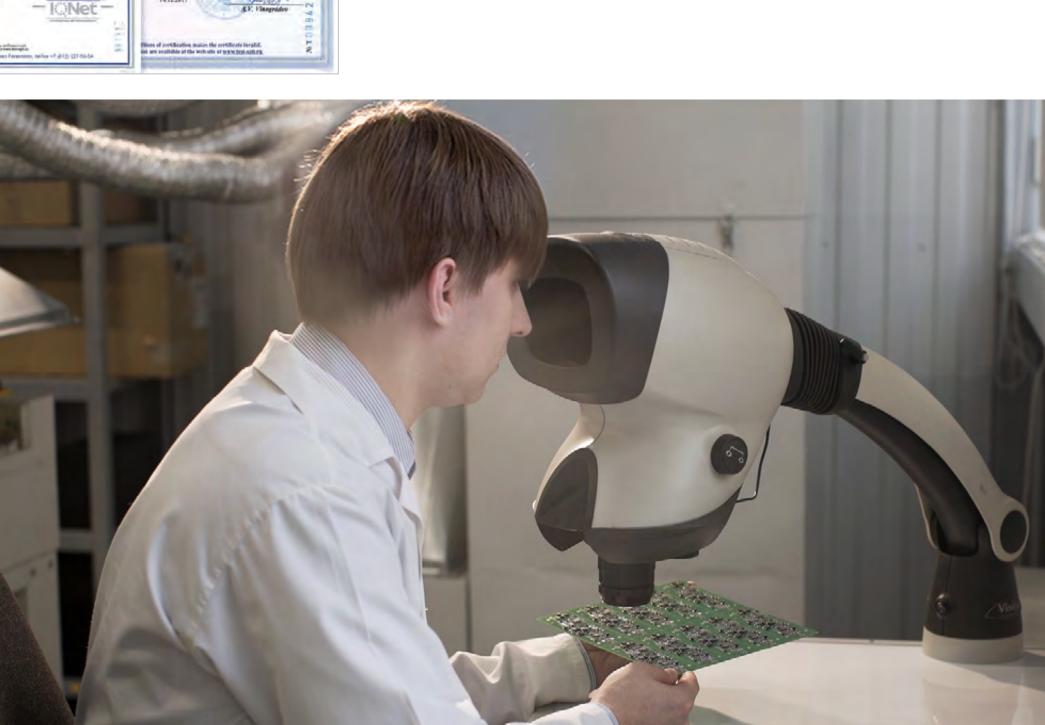
PERCo quality management system





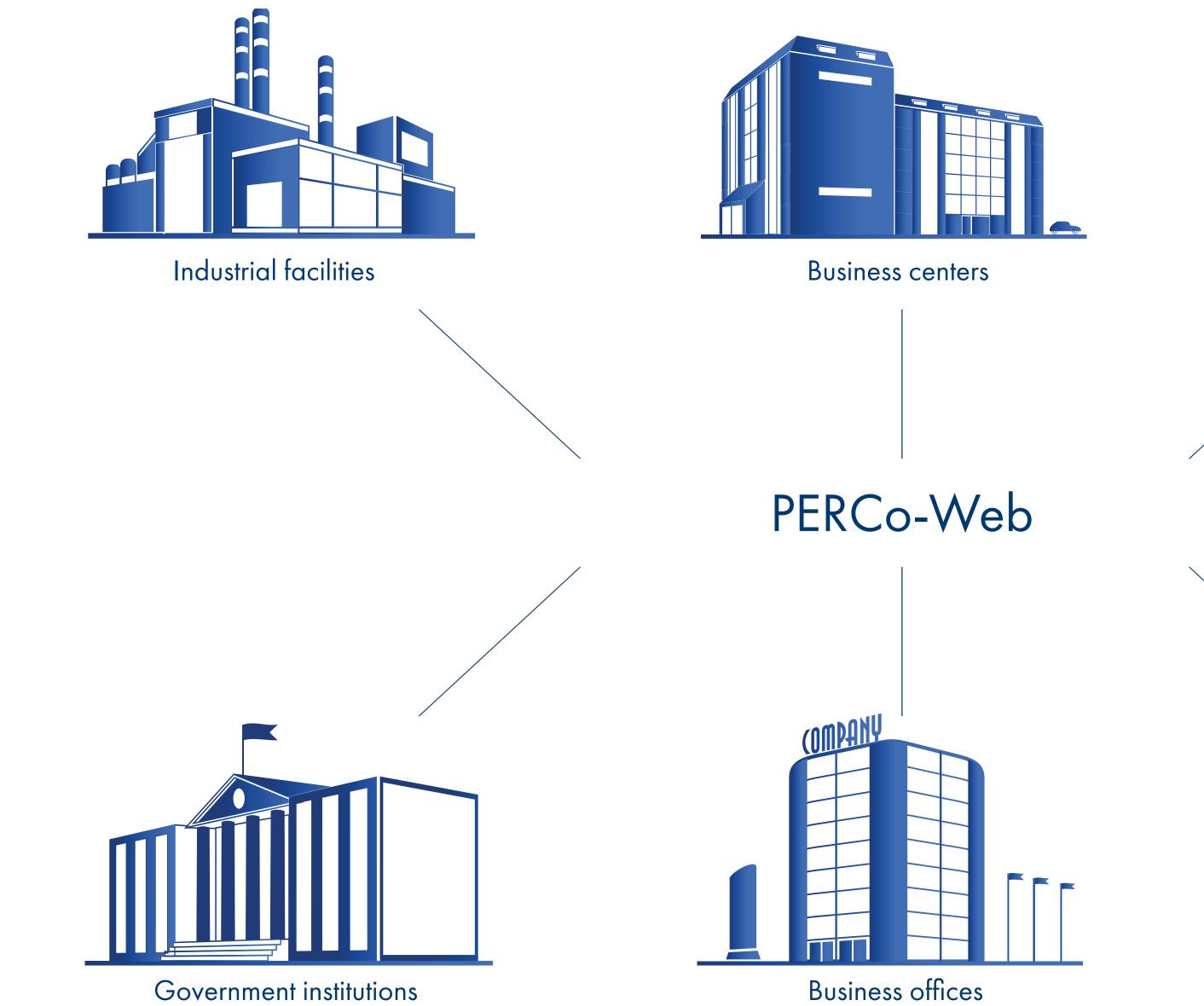
PERCo quality management system is compliant with the ISO 9001:2015 international standard





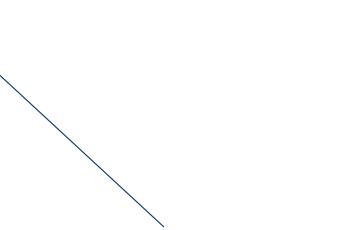


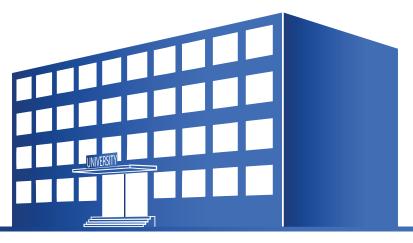
System application



Business offices

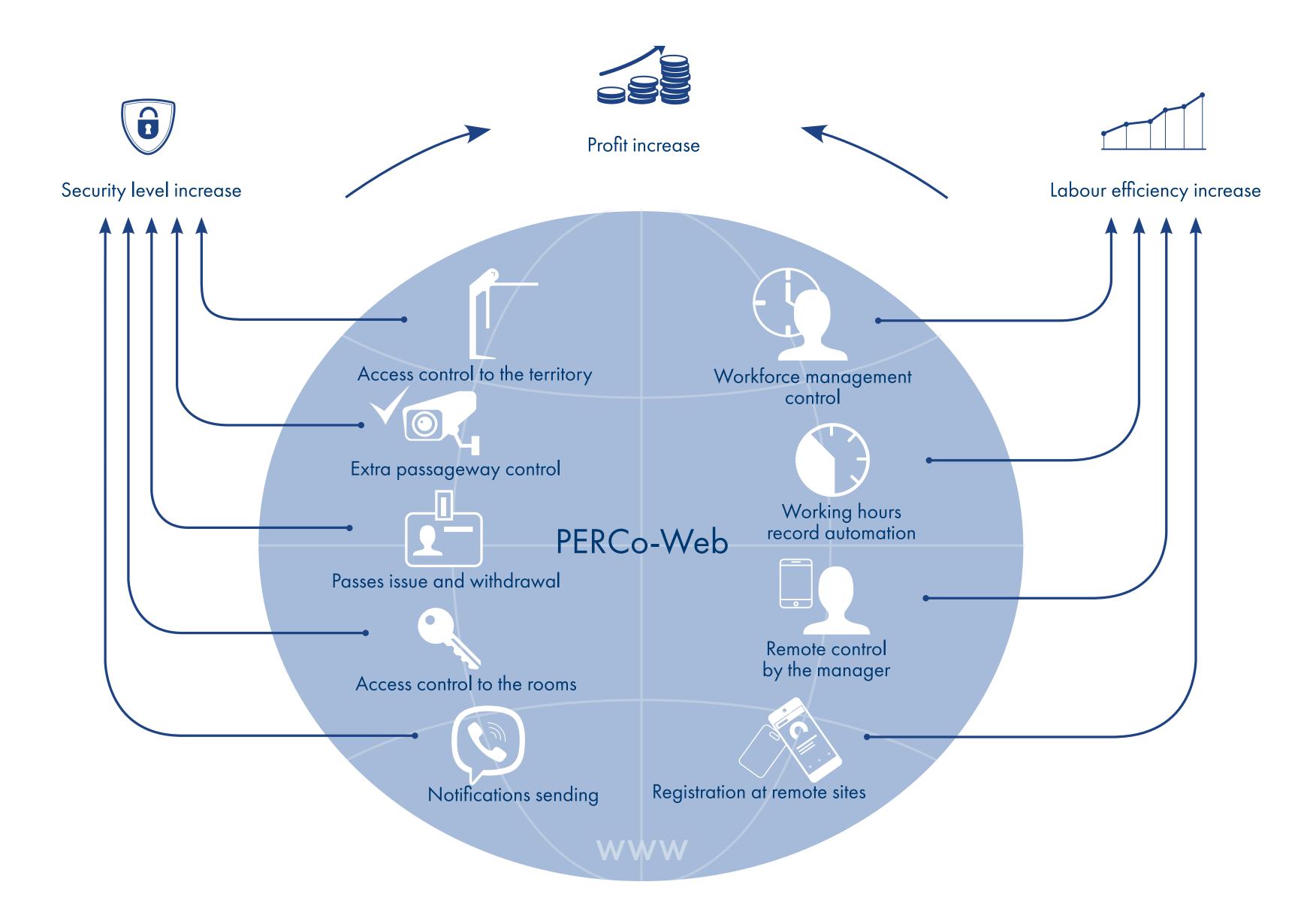






Educational institutions

PERCo-Web benefits



Identifiers



Fingerprints

MIFARE/EMM/HID proximity cards

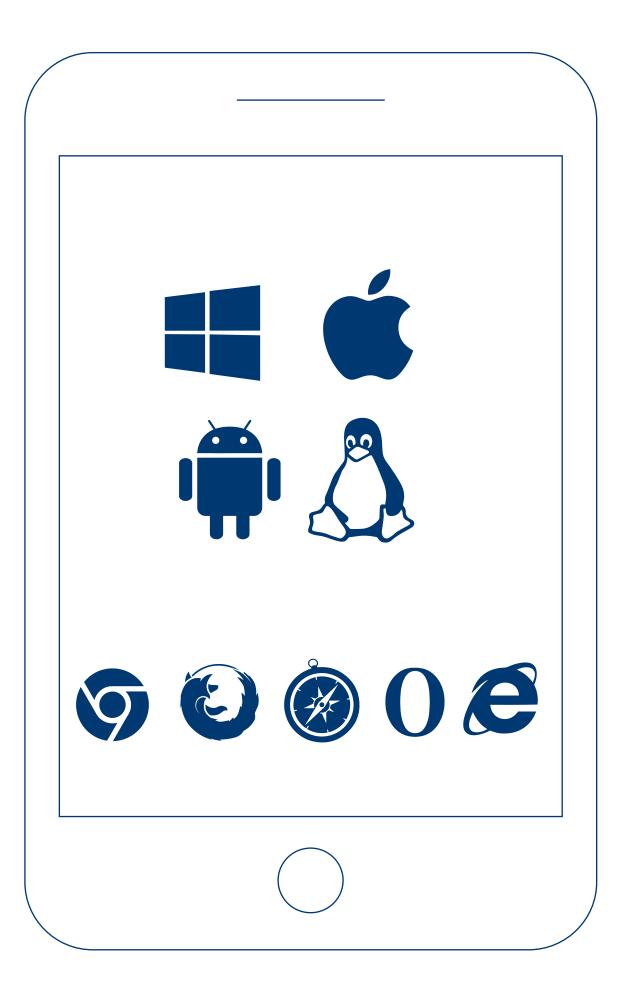




Smartphones with NFC



Web-technologies

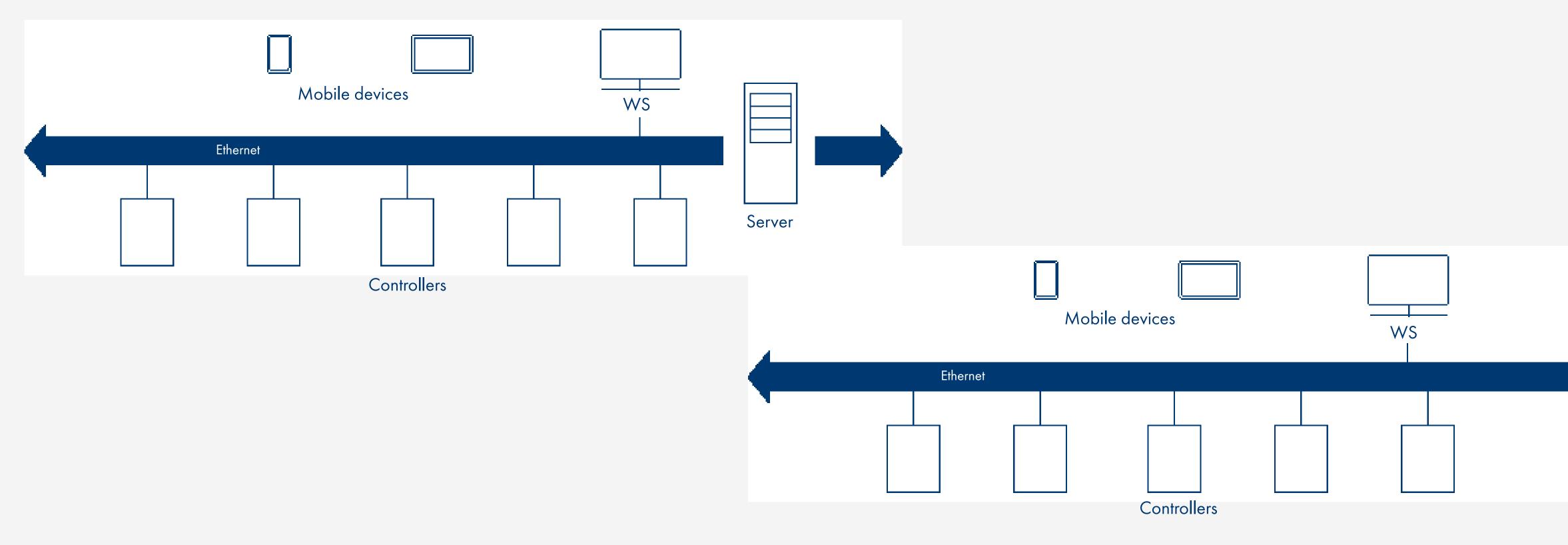


Users work with the system in their usual Web browsers, using any platform, including mobile ones.



Access via computer, tablet or smartphone.







Unlimited amount of work stations



Web-interface. No installation at work stations needed. Possible operation without a dedicated server.



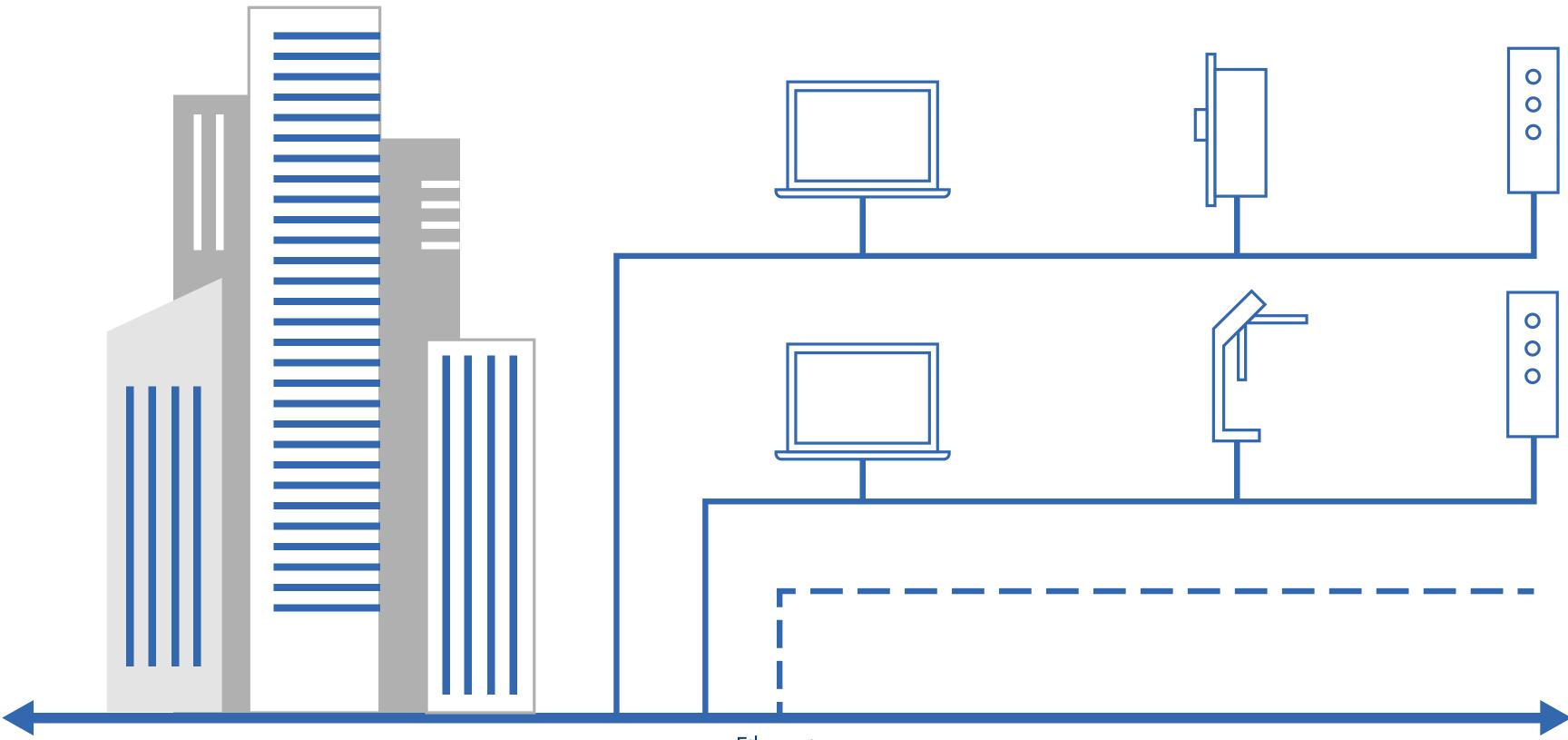


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	Access control	Employee 7 Employee ID	Department	Position	Work schedule	Access template	Card Card	Date of hiring
-	₽ Venfication	Adams Alden	Sales	Sales manager	9.00-17.45	Sales department	203/5913	04-10-2016
	Pass order	Anderson Brian	Sales	Sales manager	9.00-17.45	Sales department	219/54918	17-12-2003
		Benneth Angela	General Services	Cleaning lady	18.00-21.00	Administration	185/24508	17-02-2016
		Brown Angela	Accounting	Chief accountant	9.00-17.45	Accounting	79/26603	16-03-2000
		Collins Owen	Logistics	Sales manager	9.00-17.45	Sales department		14-02-2005
		Contra Criter	and and a second			See of the local		
		Cook Mason	Administration	Driver	9.30-18.15	Administration	226/20733	28-06-2016
		Evans Sophia	Advertising	Advertising department director	9.00-17.45	Advertising department		17-08-2009
		flores Gabriel	Purchase	Sourcing manager	9.00-17.45	Purchase department	233/36073	14-09-2016
		Fraser Jacob	Logistics	Picker-packer	9.00-17.45	Sales department	3/14108	24-12-2009
		Green Steven	Sales	Sales department head	9.30-18.15	Sales department.		29-04-1996
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	4							∧ (2) 40 ING 1500 10023

Connection to the system is similar to entering the Website.

System server is installed on one computer.





In order to expand the system, new equipment should be included in the Ethernet network.

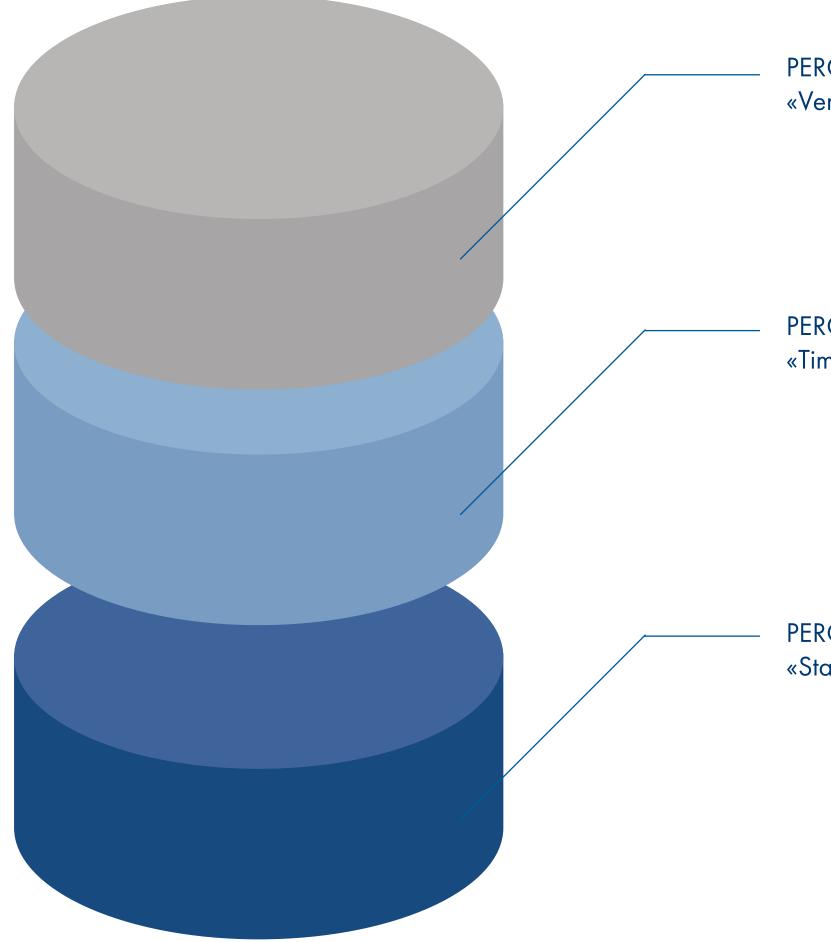


Scalability: new jobs

>>>	Administration			PERCo-Web Help guest
<u>\$</u>	Configuration System events	Tasks Operators Roles an	d permissions Licenses	
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9	guest kaa		Operator editing	×
₽ ✓	kaa1	Hoffmann Susanna S	Login: kaa1	
	kau kme		SVL Image: Construction of the system	
*	kov mav		SVL The password must be longer than 6 characters and Image: Contain at least one letter of the Latin alphabet and at Image: Contain at least one letter of the Latin alphabet and at Image: Contain at least one letter of the Latin alphabet and at Image: Contain at least one number. Image: Contain at least one letter of the Latin alphabet and at Image: Contain at least one number. Image: Contain at least one number	
	rmv ssv		SVL Confirmation:	
	tda translate	Larsen Alexander S	Role: SVL V	
	vdm		SSV First Name: Hoffmann Susanna	
			Description:	
			Sa	ve

It is enough to add a new user to the system and give him the appropriate authority to work.

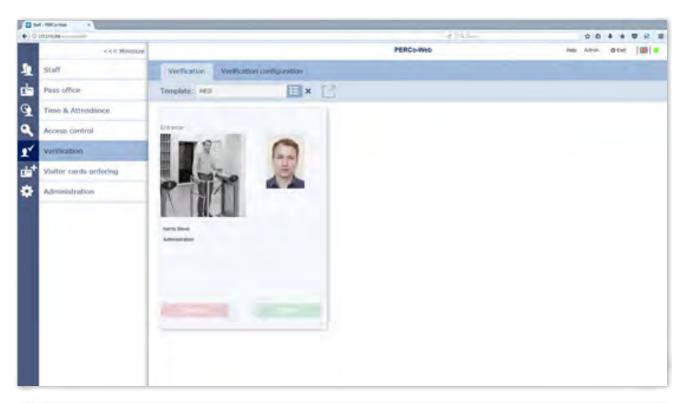
Scalability: new opportunities



PERCo-WM-02 / PERCo-WME-02 «Verification» module

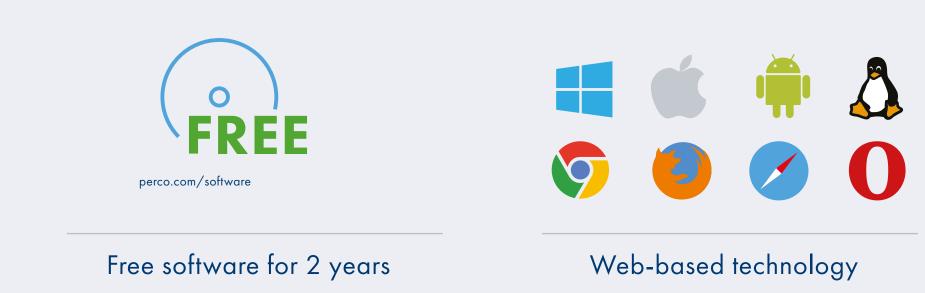
PERCo-WM-01 / PERCo-WME-01 «Time&Attendance» module

PERCo-WS / PERCo-WSE «Standard software package»



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	Главный букгалтер	Витковская Жанна Владитировна	9.00-17.45	Bystattepes	Бухгалтерия	16-03-2000	0	100/7045	
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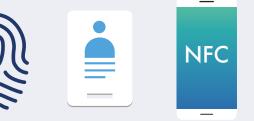


Demo version

Various identification types



JSON API Communication protocol





MySQL database



Training seminars

Multi-language interface

PERCo-Web Access control and T&A system





IP-based solutions: what is IP-Stile?

PERCo IP-Stile – is a turnkey cost-effective Access Control System.



PERCo free software

Standard delivery set:

- Turnstile (one of the models below)
- Controller (built-in, Web-based)
- Readers (built-in, HID/EMM)
- Software free!

Ethernet





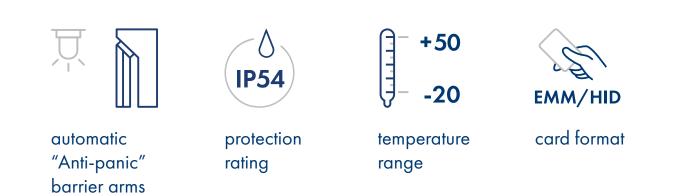
Built-in controller and two readers

Turnstile

Products by PERCo: IP-stiles



KT-08A







power . supply standard interface



KT-02

KT-05



Products by PERCo: KT02.9B IP-Stile with biometric readers NEW!







fingerprint





protection rating

mechanical "Anti-panic" barrier arms

scanners

- fingerprint scanner
- multi-purpose readers supporting EMM/HID/MIFARE proximity cards
- Web-interface configuration

optional delivery sets for KTO2 IP-Stiles

1. top cover with fingerprint scanners, multi-purpose readers and controller 2. multi-purpose readers





temperature range



power supply



persons/min

50 000

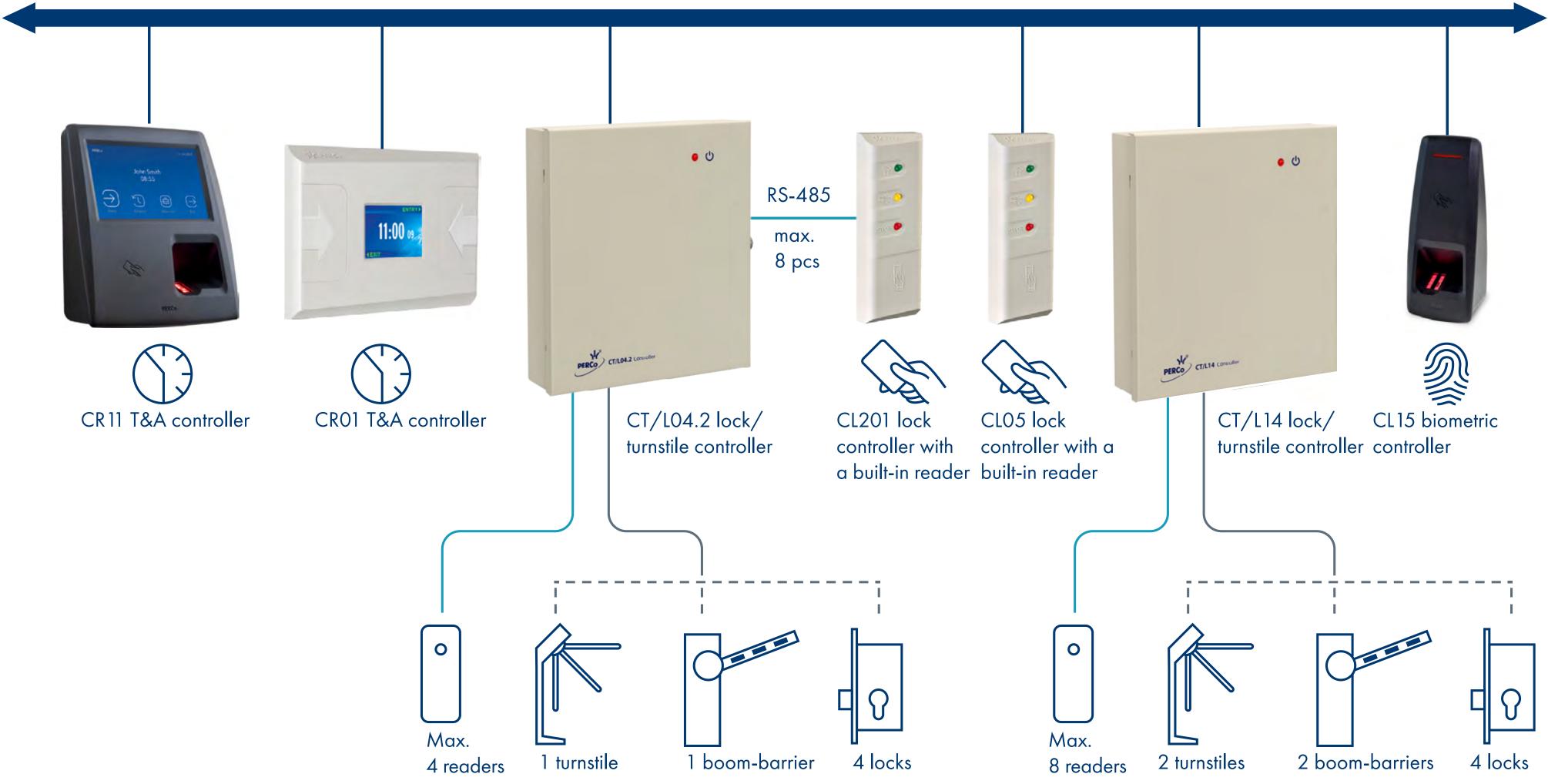


events

users

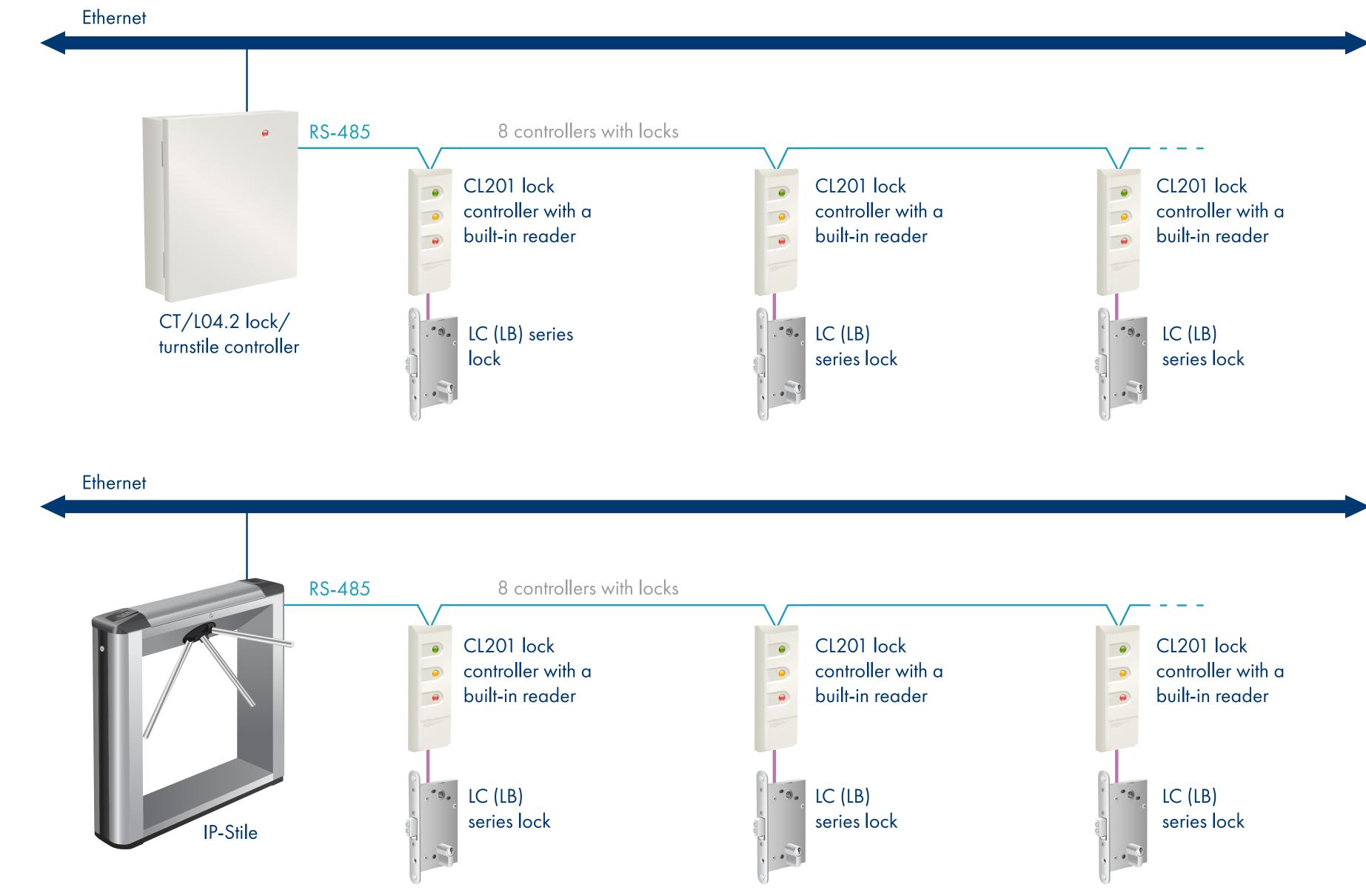
PERCo Controllers

Products by PERCo: controllers



Ethernet

Products by PERCo: controllers



Products by PERCo: CT/L14 multi-purpose controller NEW!







Ethernet

standard interface



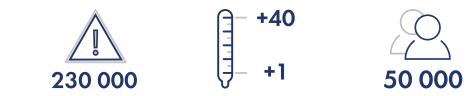
turnstiles



power supply

events

locks



boom-barriers

2

readers

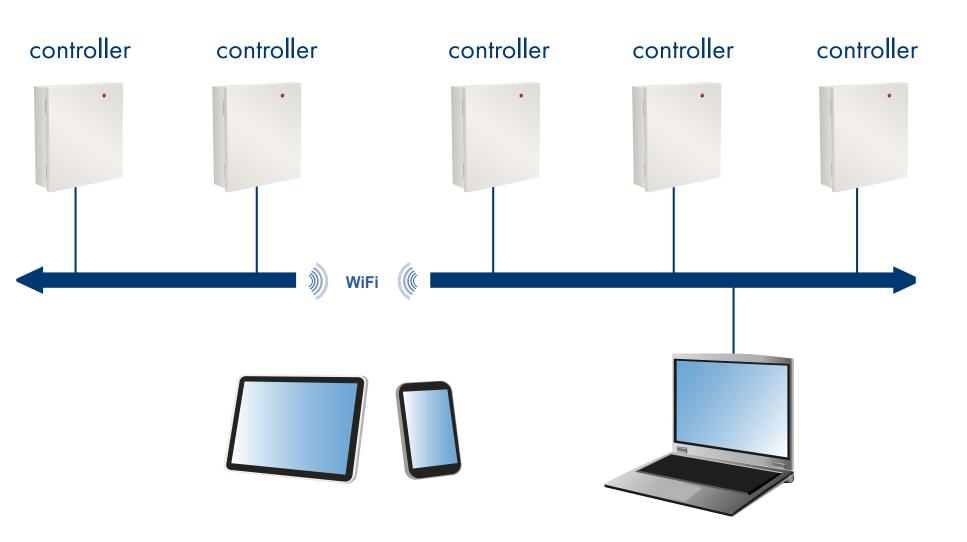


users

temperature range



• access control system without a dedicated server built-in memory with pre-installed PERCo-Web • configuration and operation via Web-interface



Products by PERCo: CL15 biometric controller with a built-in reader **NEW!**





standard interface



power supply

turnstile (1 direction)



events

lock



temperature range



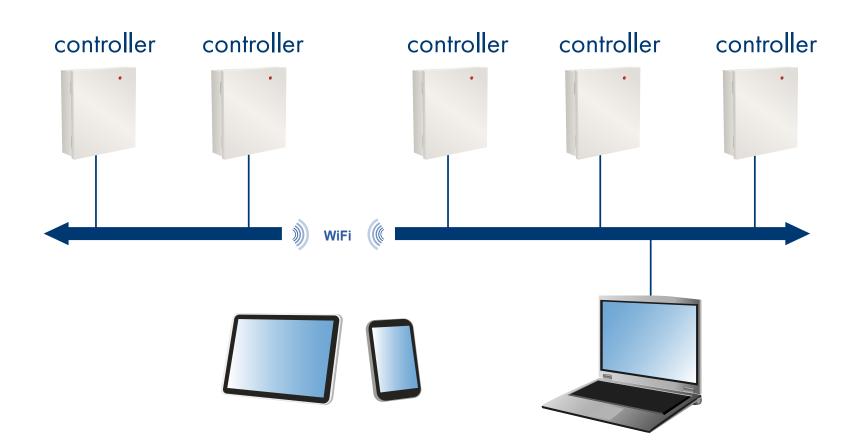


fingerprint scanner

50 000

users

- designed to manage 1 lock or access control through the turnstile in one passage direction
- supports a variety of identifiers: fingerprints, EMM/HID/MIFARE proximity cards, smartphones
- built-in memory with pre-installed PERCo-Web







- designed for working hours record & workforce management control
- supports a variety of identifiers: fingerprints, EMM/HID/MIFARE proximity cards, smartphones
- built-in memory with pre-installed PERCo-Web



Products by PERCo: readers



Products by PERCo: IR18 biometric desktop reader NEW!







• designed to enroll and program fingerprints, proximity cards, smartphones

Products by PERCo: IR10 long range reader











standard interface

protection rating

() IP41

range

temperature

power supply standard interface

• built-in sound indication for outdoor application reading range – max 100 cm





Products by PERCo: IRPO1 reader post





Control











standard interface

protection rating

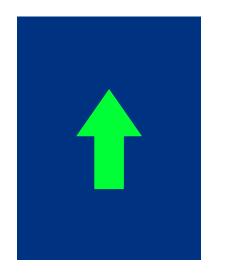
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IP41

temperature range

power supply standard interface

• built-in sound indication • LCD display with indication



Open



Closed



Verification process



Products by PERCo: IC05 Card capture reader







temperature range protection rating



power supply



Capturing guest card



Presenting personnel card



Enhanced slot for pass collection

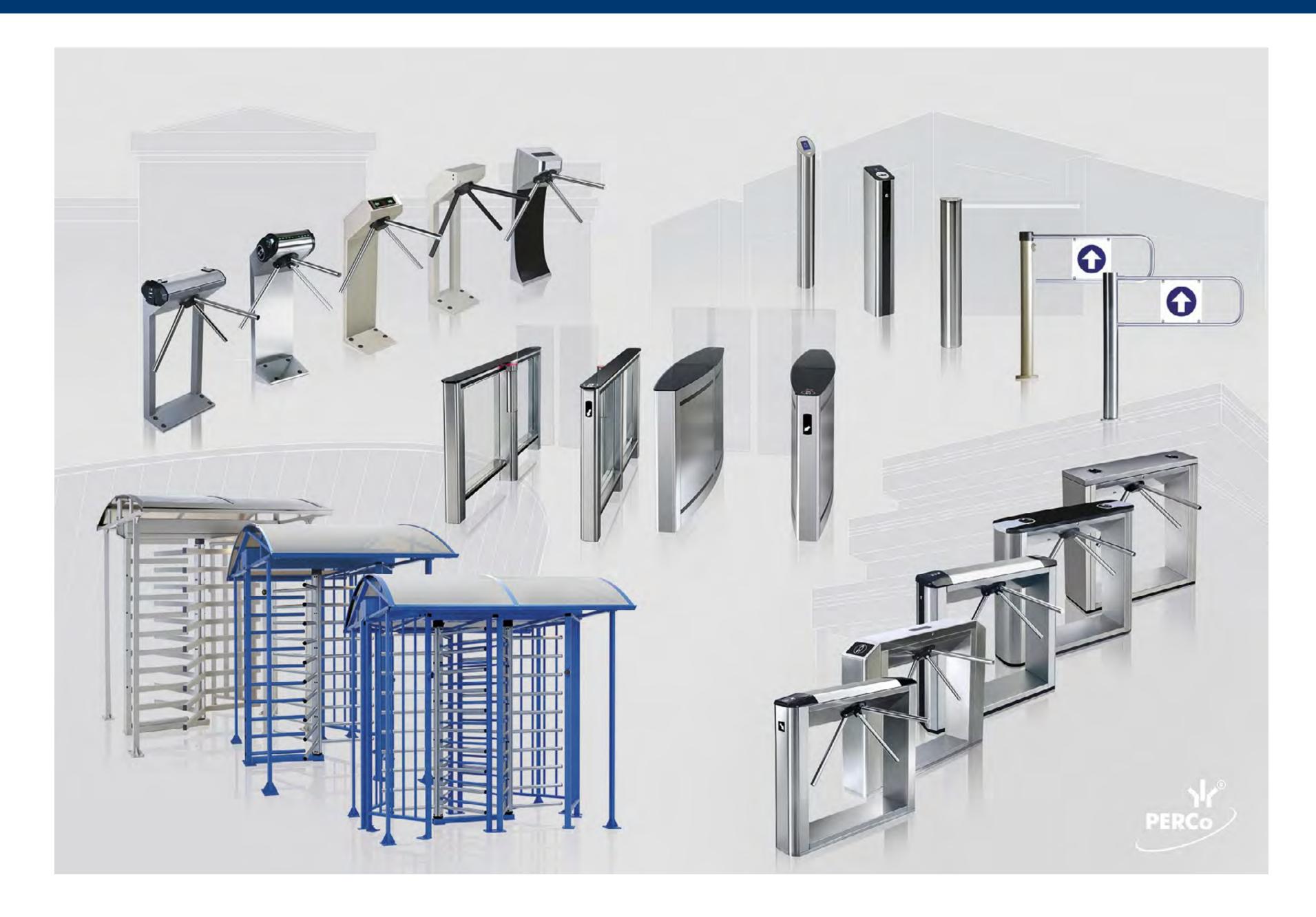


Indication



IC05 card capture reader with ST-01 speed gate

Products by PERCo: wide range



Products by PERCo: ST-01 for indoor application

AISI 304















consumption



way control

24 V power supply



protection rating

power

- High operation speed
- Glass swing panels
- Elegant design



Products by PERCo: ST-02 for indoor application NEW!

AISI 304













power consumption



way control

power supply



protection rating

drive

- High operation speed
- Glass sliding panels
- Elegant design





Products by PERCo: compact tripods



TTR-07 Indoor version with automatic anti-panic

TTR-08A Outdoor version with automatic anti-panic



TTR-04 Outdoor and indoor version



TTR-10A NEW! Transport tripod turnstile with automatic anti-panic



T-5 Indoor version

Products by PERCo: TTR-10A motorized tripod turnstile with automatic anti-panic NEW!





AISI 304

motor drive

temperature range

|*⊣* **-40**



persons/min power



supply



protection rating

- Automatic anti-panic
- LED indication
- Vibration-resistant



Turnstile for transport



Turnstile for mounting on a vertical surface



way control

Products by PERCo: TTR-08A for outdoor application



- Card reader concealed mounting option
- LED indication









44







protection rating

temperature range

power supply

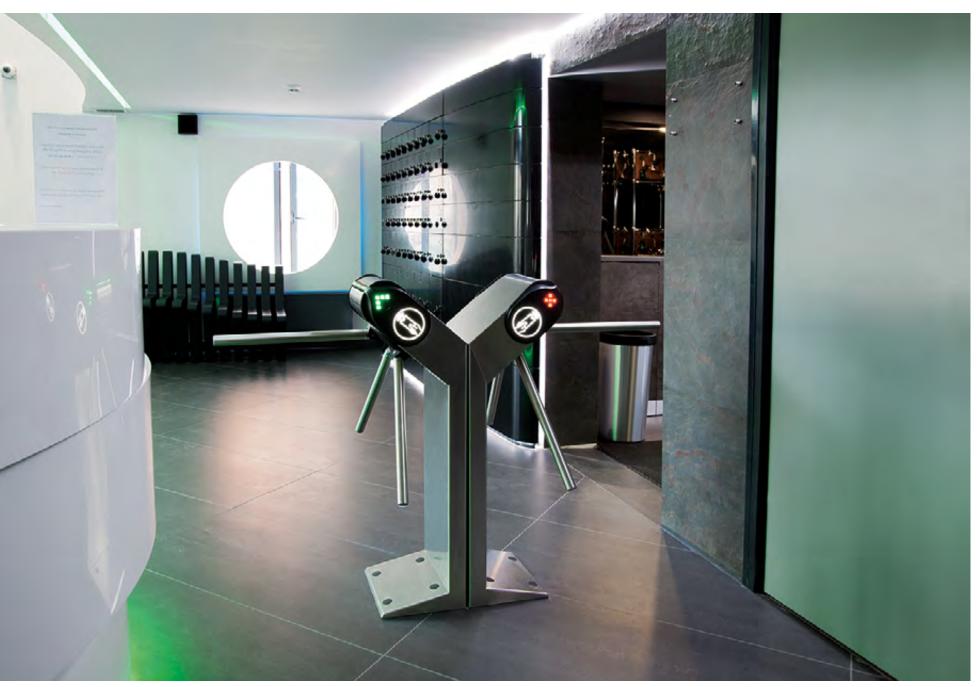
way control

persons/min

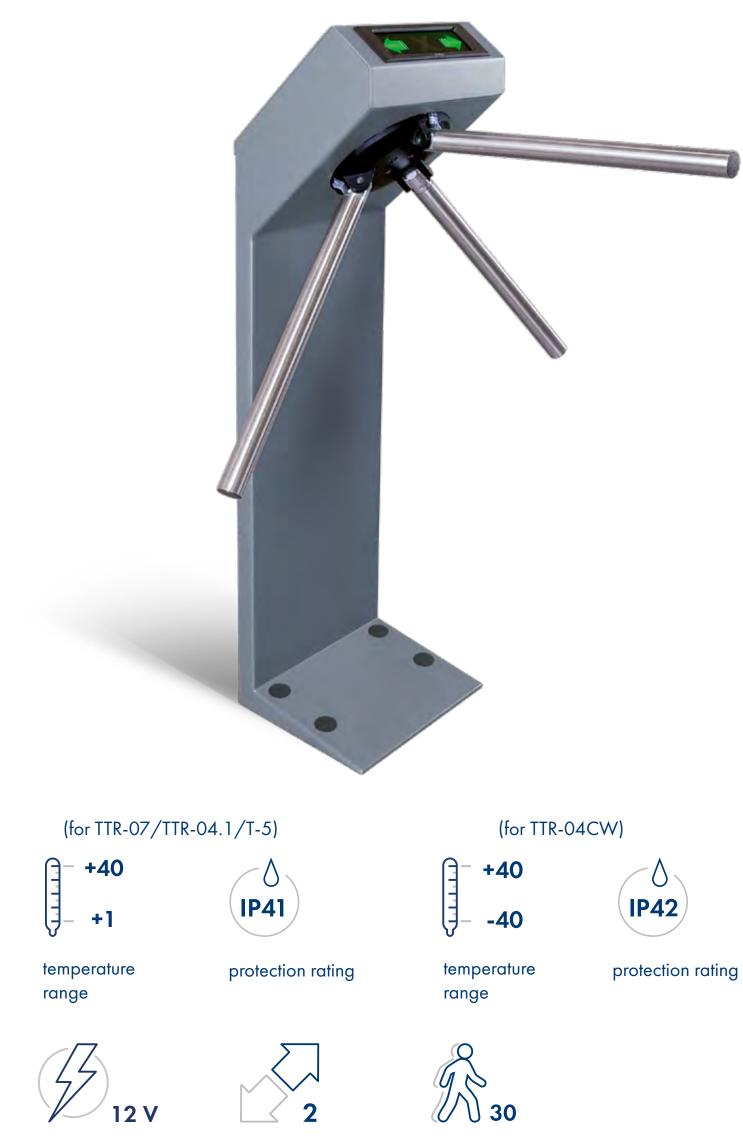


- Automatic anti-panic
- Modern design





Products by PERCo: TTR-07/TTR-04/T-5 for indoor and outdoor application



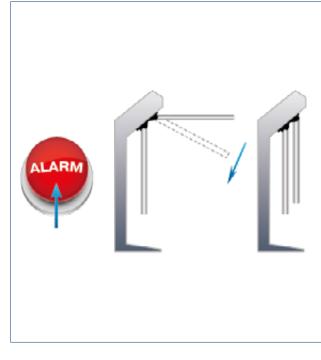
power supply

way control

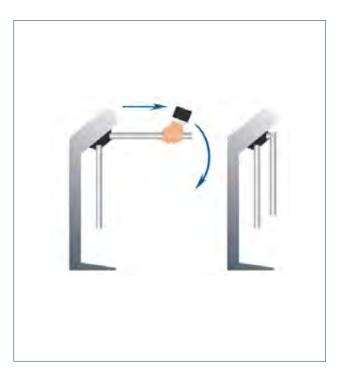
persons/min

- LED display/Indicators
- Automatic/mechanical anti-panic





(for TTR-07)



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(for TTR-04, T-5)
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Products by PERCo: box tripod turnstiles





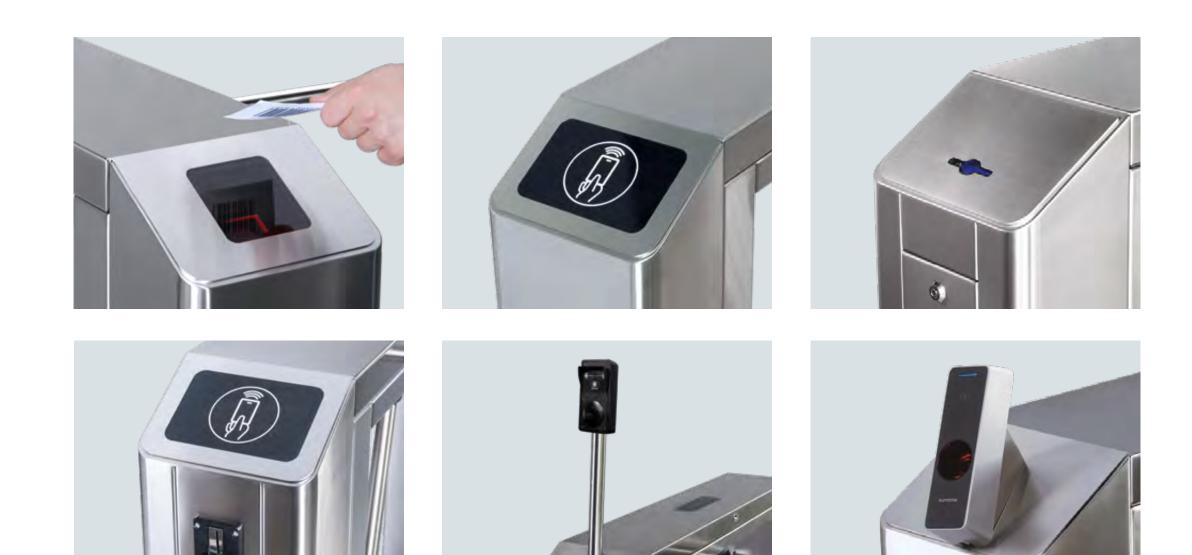
TB series with built-in readers/card captures

Cost-effective versions TTD-03 series

Products by PERCo: TTD-10A for outdoor application

AISI 304

- LED display





















protection rating

IP54



temperature range

power supply

way control

- Automatic anti-panic
- Integration options
- Modern design





Products by PERCo: TTD-08A for outdoor application

AISI 304/316*



- Card reader concealed mounting option
- LED indication
- Modern design





*time and price of manufacture are specified individually











temperature range

power supply

way control

persons/min

protection rating

• Automatic anti-panic

Products by PERCo: TB series for indoor application

AISI 304









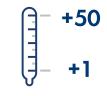
reader

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reader

=

card capture



temperature range

E)

EMM/HID

EMM/HID



power supply











persons/min

protection rating

way control

 \bigcirc

IP41

• Built-in card readers • Built-in card capture readers • Automatic / mechanical anti-panic • Modern design

Reading personnel cards



Visitor card management



Automatic anti-panic



Products by PERCo: TTD series for indoor application

AISI 304



temperature range

power supply way control



persons/min





key override control

protection rating

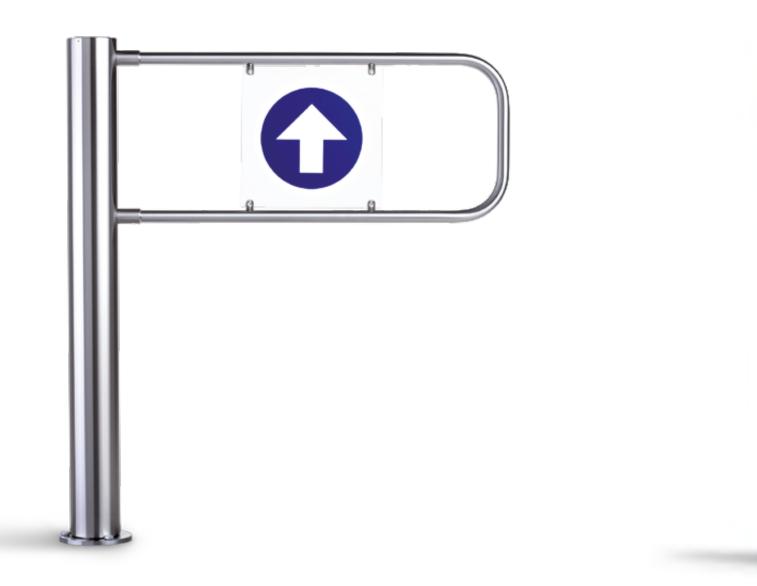
• Mechanical anti-panic • LED indication • Universal design



Reading personnel cards







Motorized indoor version
WMD-05S

Electromechanical WHD-05



Products by PERCo: WMD-06 for indoor application





motor drive



way control



temperature range

12

persons/min



power supply



power consumption



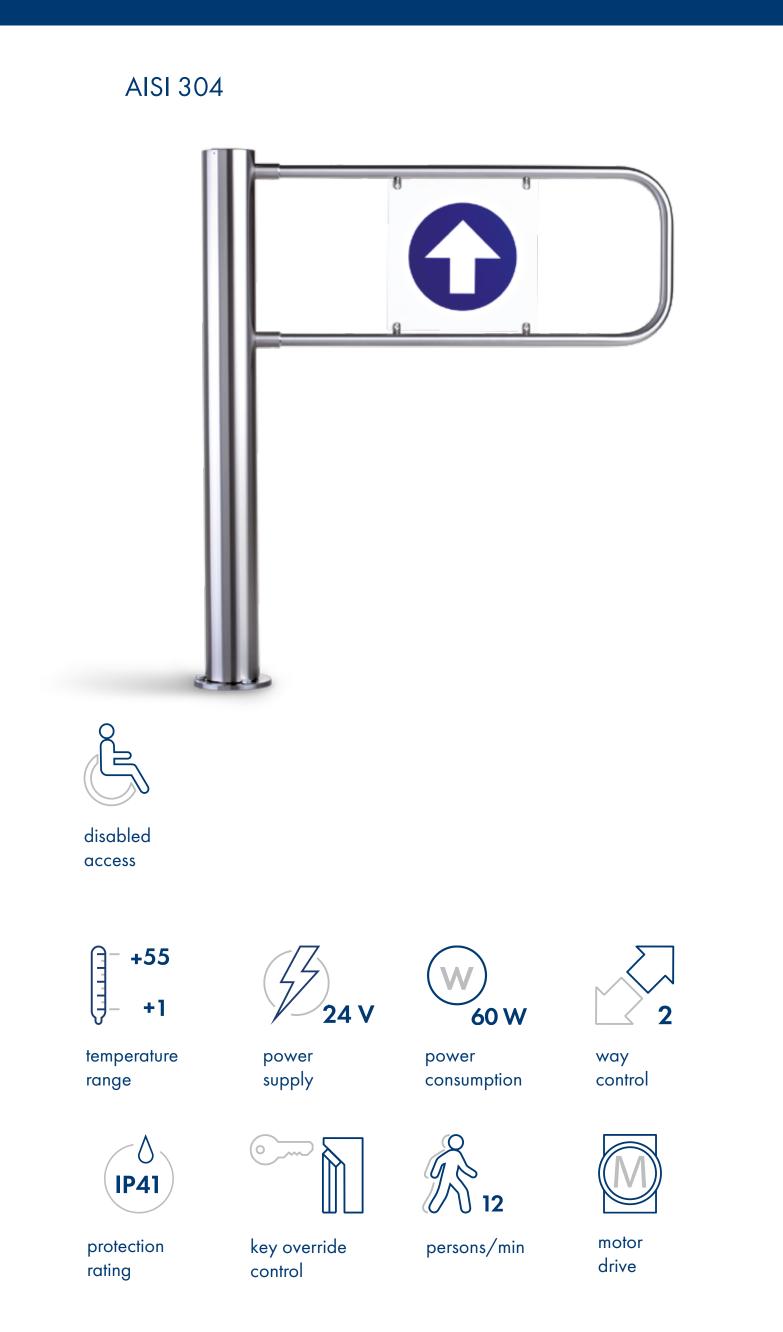
protection rating

MotorizedGlass swing panelsModern design



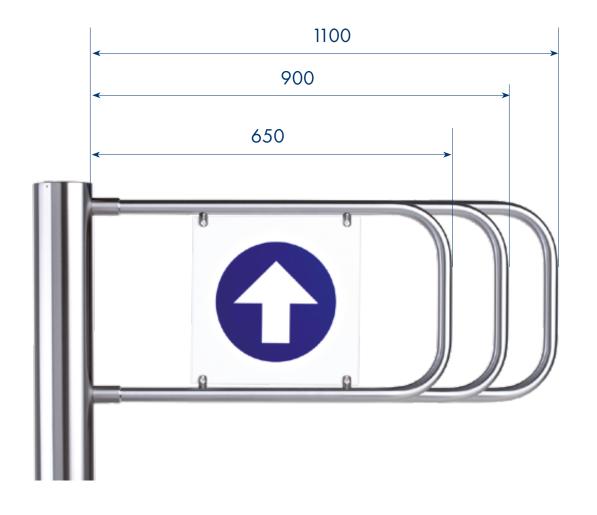


Products by PERCo: WMD-05 series for indoor and outdoor application





MotorizedUniversal design

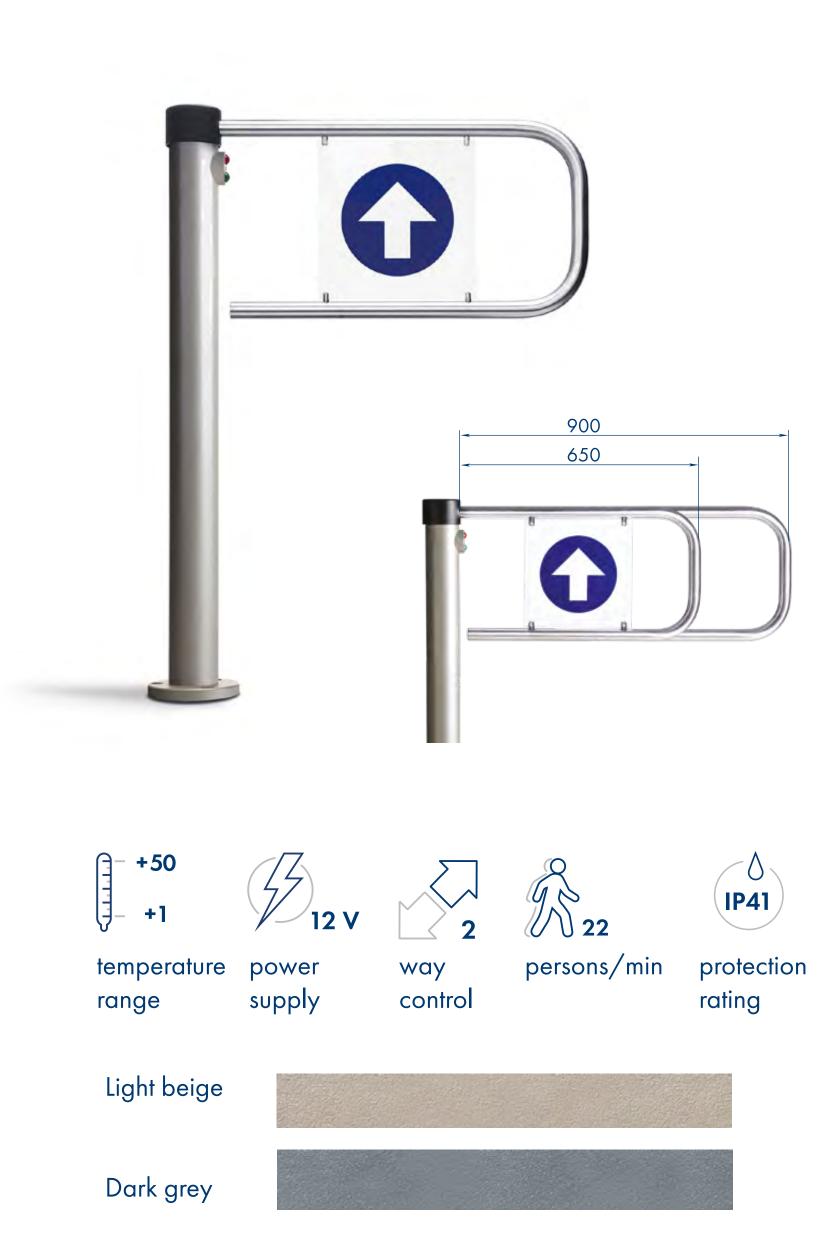




WMD-05S for indoor application

Products by PERCo: WHD-05 for indoor application





 Electromechanical • LED indication • Universal design





Products by PERCo: RTD-15 series for outdoor application





temperature range





motor drive



way control



power consumption



key override control



power supply



protection rating

- Motorized / electromechanical
- LED indication
- Walkway downlights
- Universal design







Products by PERCo: RTD-16 and RTD-20 series for outdoor application



- Motorized / electromechanical
- LED indication
- Stainless steel / powder coated rotor
- Modern design



temperature range





motor drive



way control



power consumption



key override control



power supply



protection rating security gate



Products by PERCo: mortise electromechanical locks



LB-series Electromechanical locks



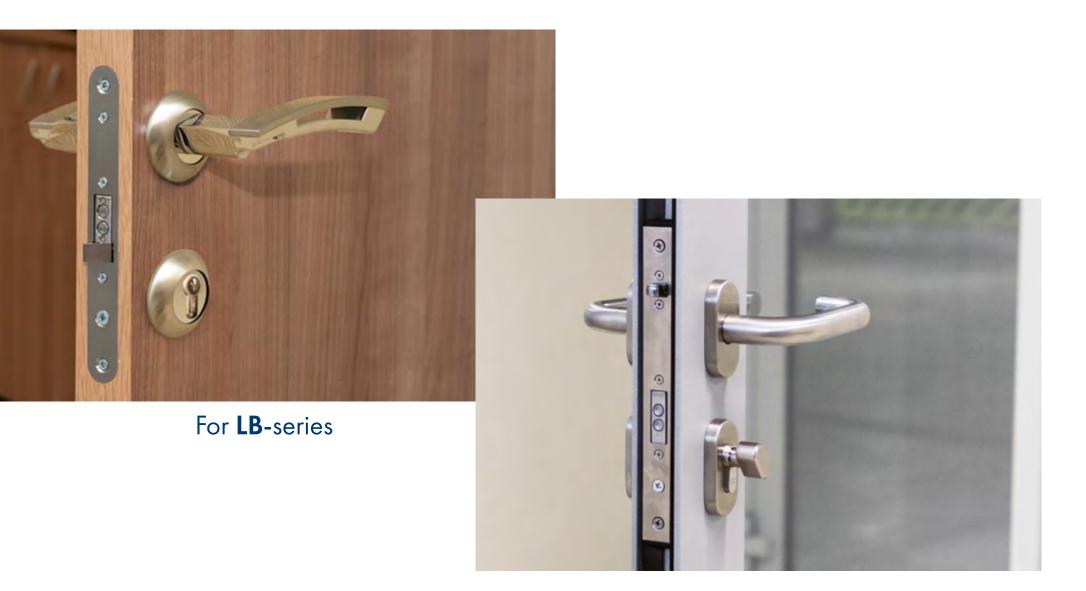
LBP-series Electromechanical locks





temperature range power supply

Model	Power connection	Control mode	Centre-to-centre spacing	Type of locking bolt
LB72.3	With terminal block	Normally closed	72 mm	Flat locking bolt, with blocker roll
LB72.4	With terminal block	Normally open	72 mm	Flat locking bolt, with blocker roll
LB85.1, LBP85.1	With terminal block	Normally closed	85 mm	Flat locking bolt, with blocker roll
LB85.2, LBP85.2	With terminal block	Normally open	85 mm	Flat locking bolt, with blocker roll



Working with PERCo: partner`s benefits

High quality (ISO9001)

Reasonable prices

Wide range of products

Always in stock



Short delivery time

Flexible partnership programs

Customer protection

After sales support



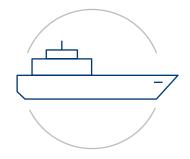
- 1. Best quality products are already in stock
- 2. Fast and professional technical support
- 4. Partnership programs
- 5. Customer protection

3. Easy integration with your own access control or T&A systems

Working with PERCo: partner`s benefits

Duty-free warehouses in the European Union

Tallinn, Estonia
 Rotterdam, Netherlands



20 days

Fast product delivery - your advantage over competitors







Working with PERCo: partner`s benefits

Albania Armenia Australia Austria Azerbaijan Bahrain Bangladesh Belarus Belgium Benin Bosnia and Herzegovina Bulgaria Cameroon China Columbia Croatia Croatia Czech Republic Estonia Finland France Georgia Germany Greece

Hungary Iceland India Iran Ireland Israel Italy Japan Jordan Kazakhstan Kenya Kyrgyzstan Kuwait Latvia Lebanon Libya Lithuania Macedonia Malaysia Malta Mexico Moldova Mongolia Morocco

Netherlands New Zealand Nigeria Norway Pakistan Philippines Poland Romania Portugal Russia Saudi Arabia Serbia Singapore Slovakia Slovenia South Korea Spain Sri Lanka Sweden Switzerland Taiwan Tajikistan Thailand Tunisia

Turkmenistan Uganda UK Ukraine Uzbekistan Vietnam Yemen



Student Loans Company, Hillington, UK

Industrial facilities

- Brega Petrolium Marketing oil corporation, Lybya
- The Russian Satellite Communications Company, Russia
- Emirates aluminium factory, UAE
- Khrunichev National Rocket & Space Technology Center, Russia
- Power Station, Hungary
- Leningrad Nuclear Power Plant, Russia

Transport infrastructure

- Corfu Seaport, Greece
- Port of Sohar, Oman
- Jebel Ali Seaport, United Arab Emirates
- M.R. Štefánik Airport, Slovakia
- Port of Trieste, Italy
- Subway of Sofia, Bulgaria

Educational and cultural institutions

- University of Deusto, Spain
- Salzburg Museum, Austria

Sports & entertainment facilities

- Vincenzo Presti Football Stadium, Italy • Greyhound Stadium, Ireland • Reforma sports club, Mexico • World Class sports club, Iceland • Suwalki City Stadium, Poland • BaNaHills Fantasy Park entertainment centre,



Business-center «Hadovka Office Park», Czech Republic



Almaty Zoo, Kazakhstan

Government institutions

- Secretary of Agriculture, Oaxaca, Mexico
- Public Roads Administration, Slovakia
- National Tax and Customs Administration, Budapest, Hungary

Business centers & shopping malls

- RIMI shopping centre, Klaipeda, Lithuania
- Hadovka Office Park, Prague, Czech Republic
- Galleria shopping center, Riga, Latvia

Financial institutions

- Czech Savings Bank, Prague, Czech Republic
- Societe Generale Bank, Belgrade, Serbia
- Goldman Sachs Banking-house, Mumbai, India
- Societe Generale Bank, Belgrade, Serbia



University of Southern Philippines Foundation, Cebu, Philippines

• Paris-Sorbonne University, France • Oakland University, New Zealand National Museum of Archaeology, Malta • University of Port Harcourt, Nigeria



Thank you for your time and attention! We look forward to our cooperation.