PERCo
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2. **PERCo®** quality management system
3. **PERCo®-Web** Access control system
4. Products by **PERCo®**
5. Working with **PERCo®**

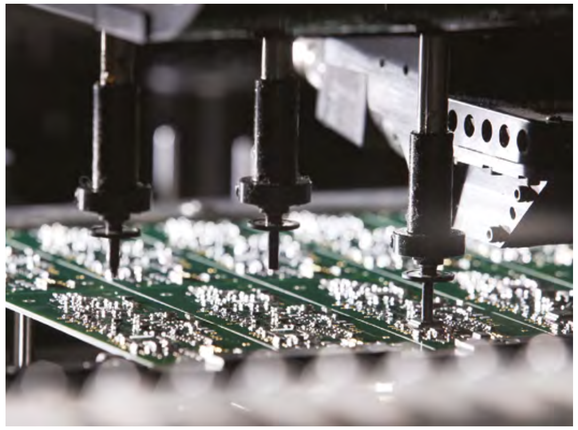
PERCo® Partnership benefits.

PERCo in brief

PERCo is the leading Russian turnstile manufacturer since 1988

- 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 in brief: modern production plant

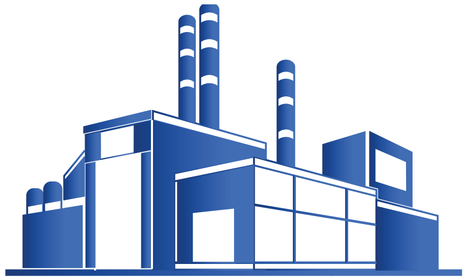


AMADA · Matsuura PREMIUM MACHINE TOOL MANUFACTURER · TRUMPF · KNUTH · ITW Gema · LOESER · TAKISAWA · DAHLIH MACHINERY INDUSTRY CO., LTD. · AKIRA-SEIKI

PERCo quality management system

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

System application



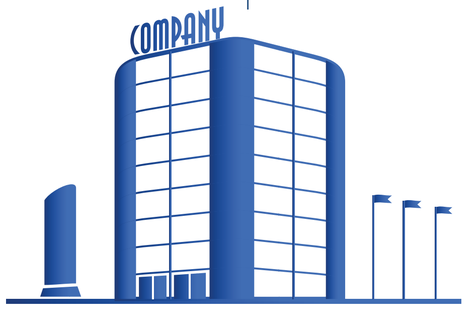
Industrial facilities

Business centers

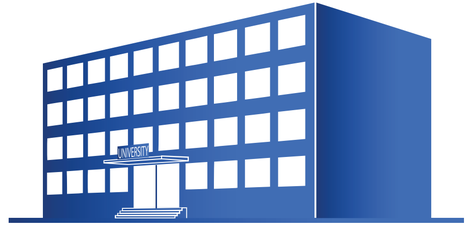
Banks

PERCo-Web

Government institutions

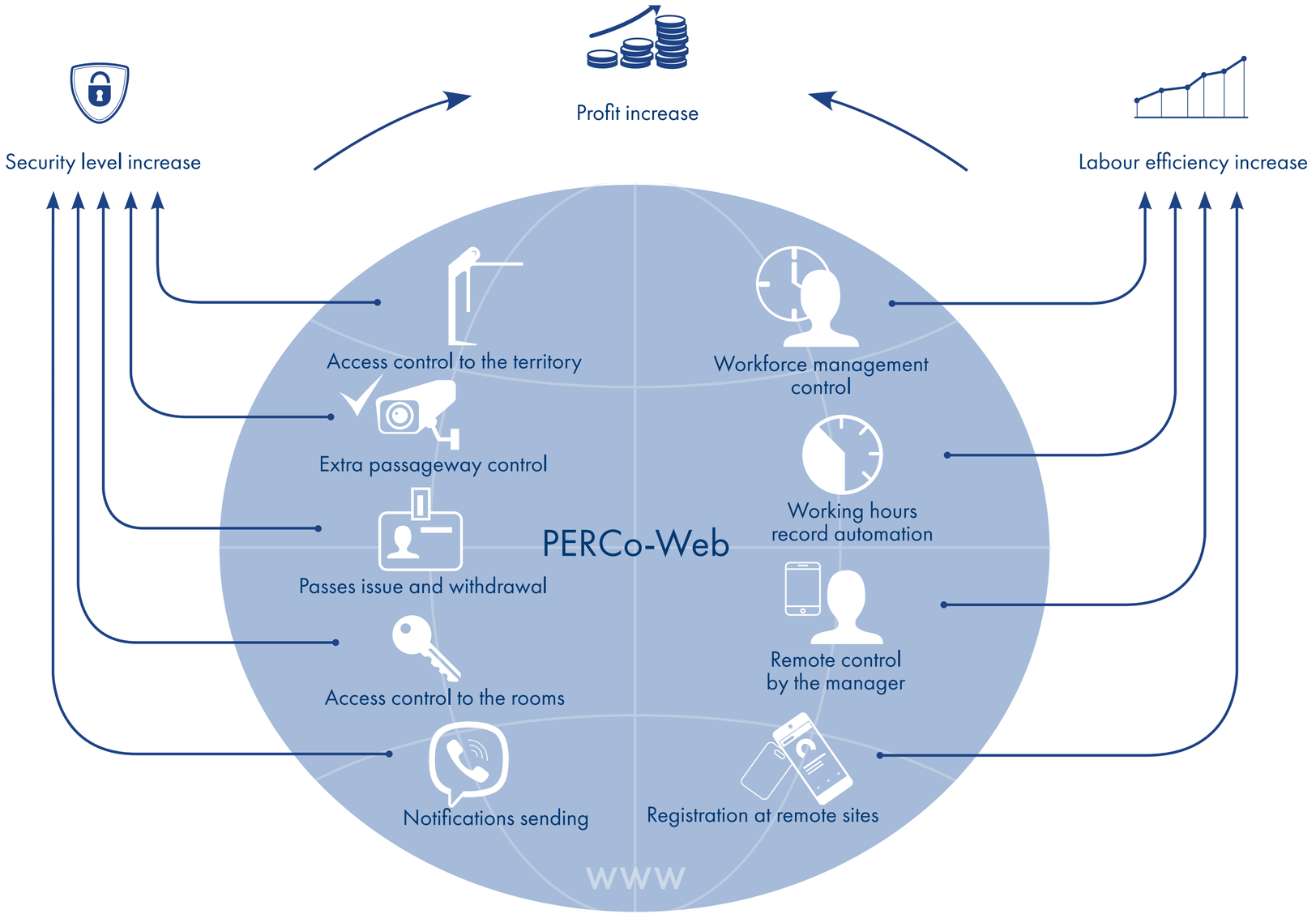


Business offices



Educational institutions

PERCo-Web benefits



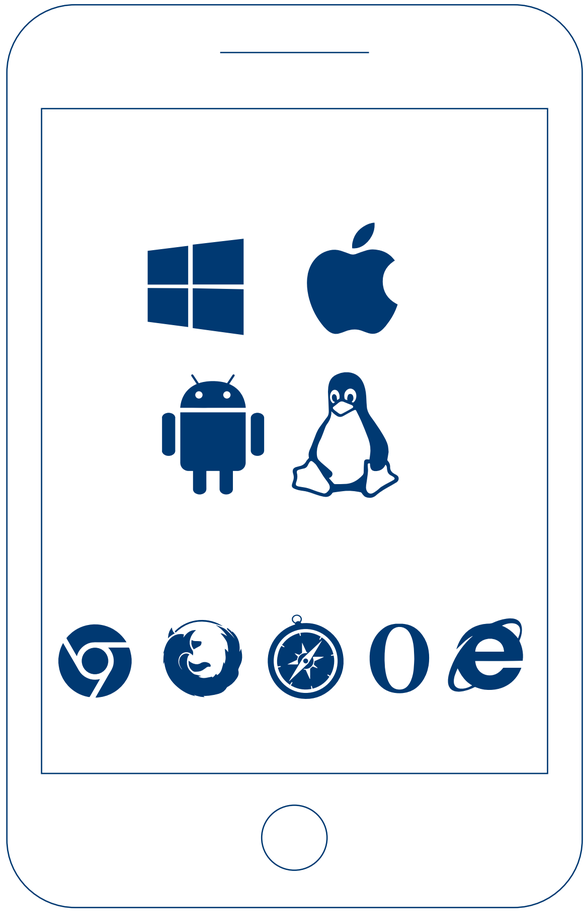
Identifiers

Fingerprints

MIFARE/EMM/HID proximity cards

Smartphones with NFC

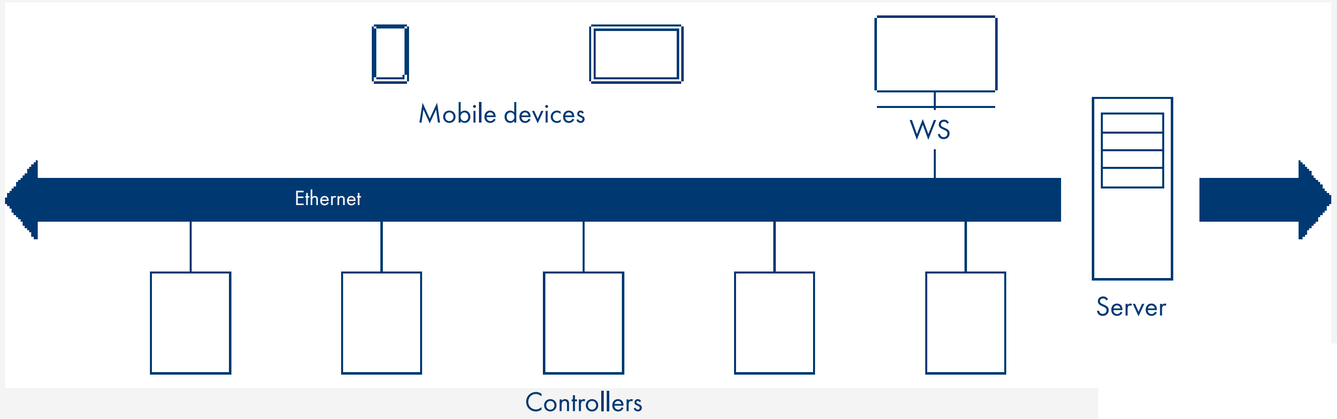
Web-technologies

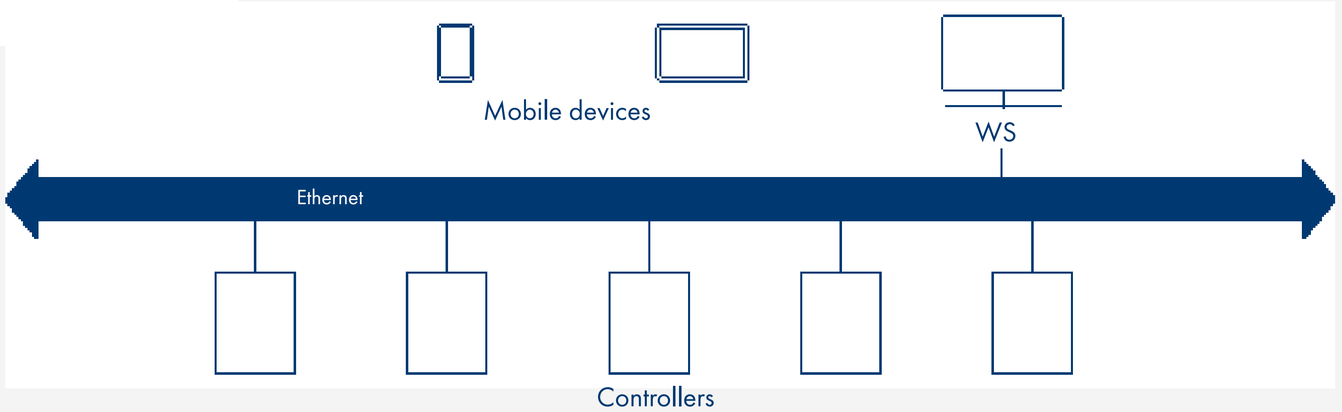


Users work with the system in their usual Web browsers, using any platform, including mobile ones.

Access via computer, tablet or smartphone.

Structure

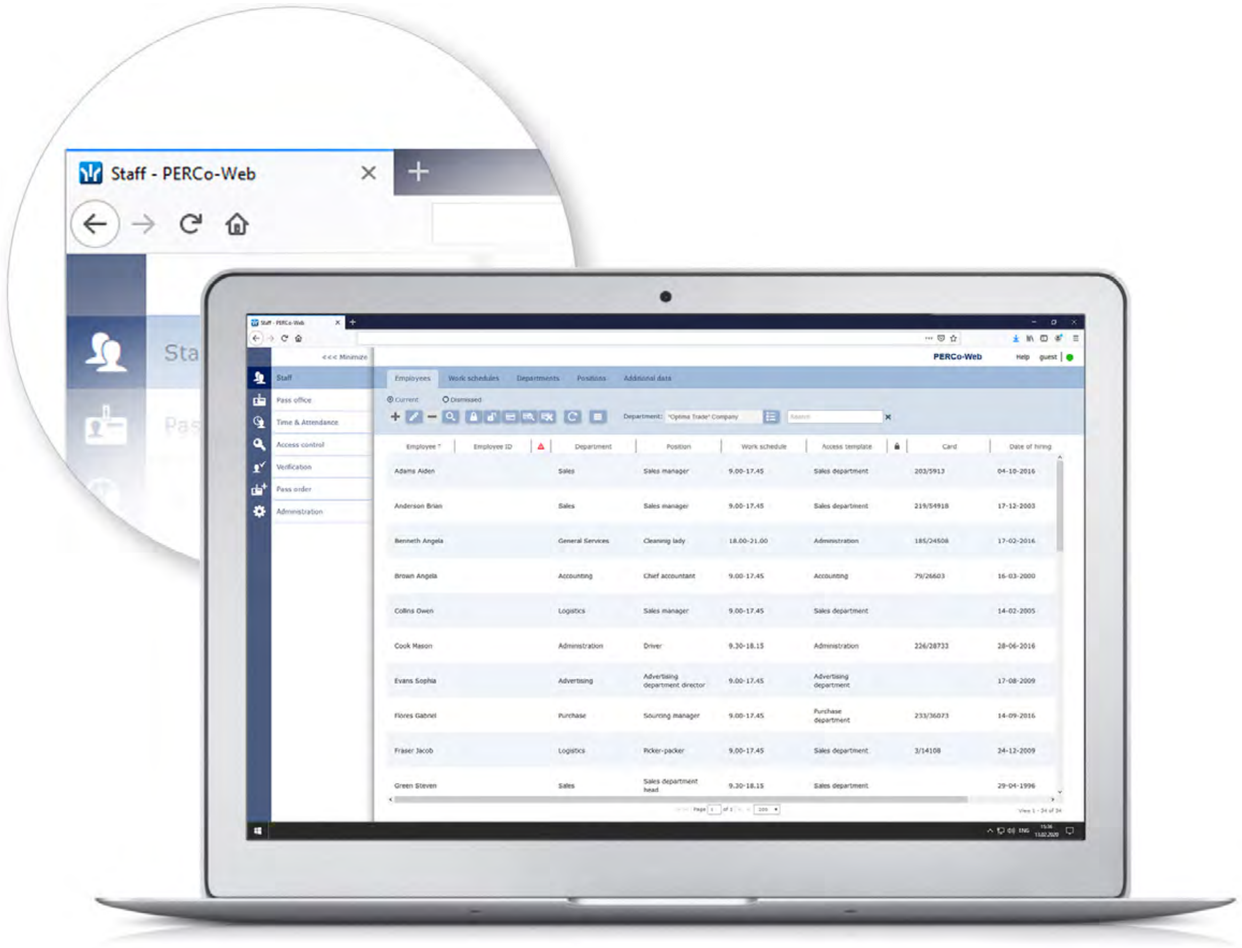




Unlimited amount of work stations

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

Usability



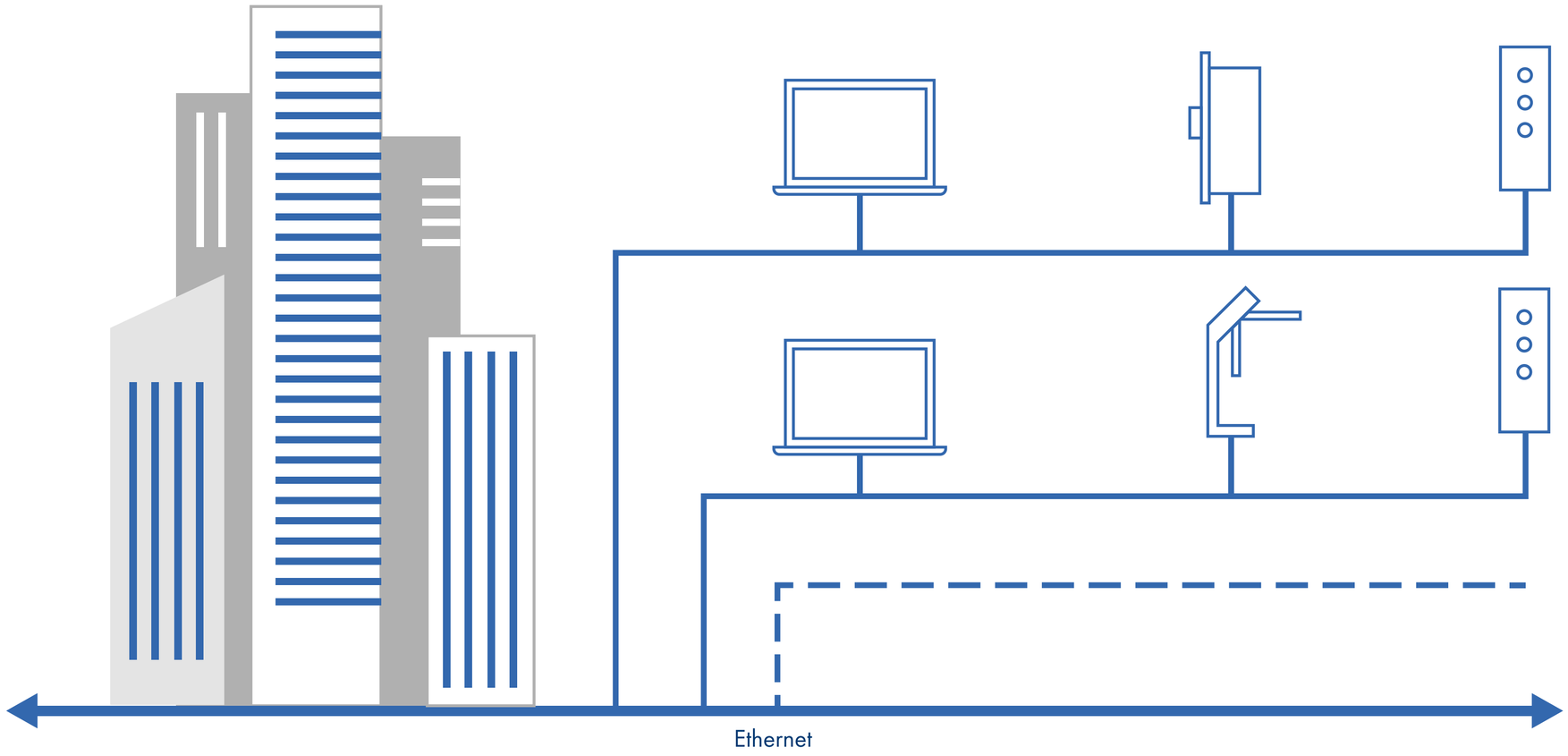
Connection to the system is similar to entering the Website.

System server is installed on one computer.

Remote work stations:

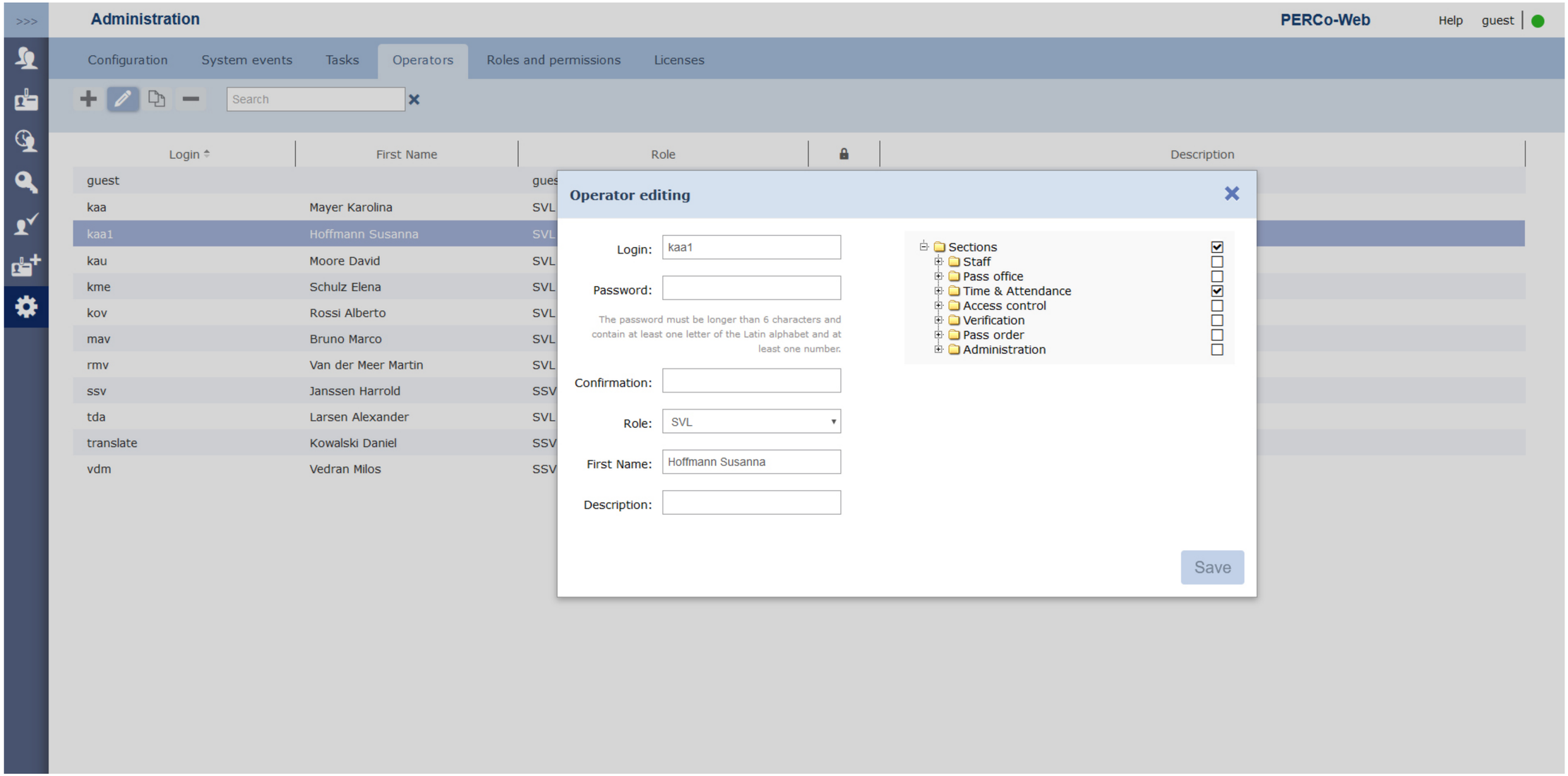
- «Administrator»
- «Security Service»
- «Pass Office»
- «Human Resources»
- «Accounting»

Scalability: new equipment



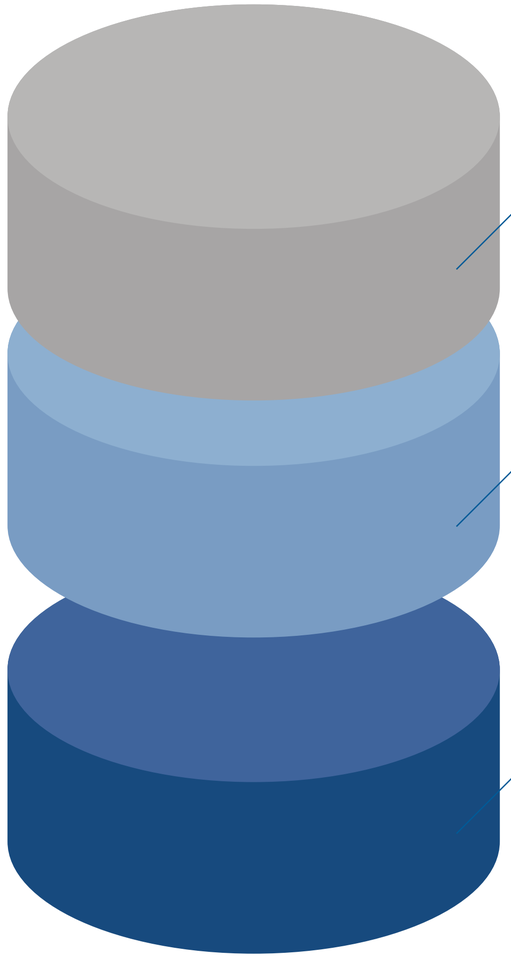
In order to expand the system, new equipment should be included in the Ethernet network.

Scalability: new jobs



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

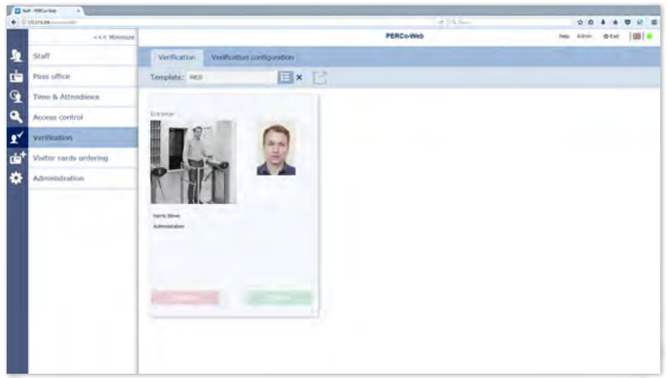
Scalability: new opportunities

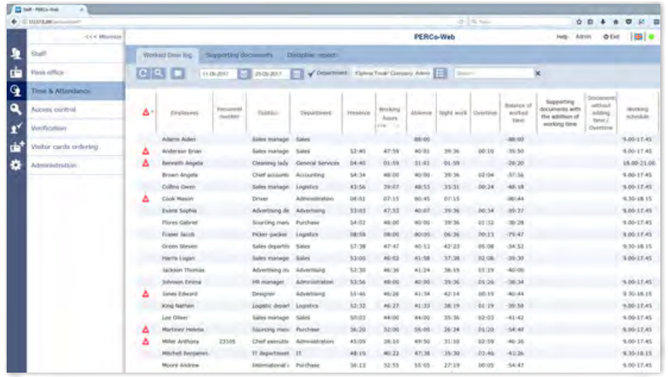


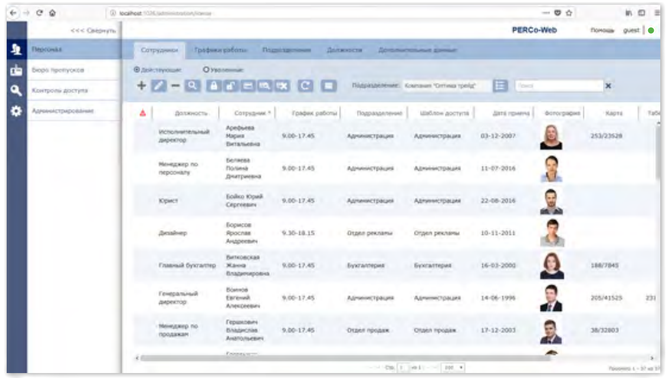
PERCo-WM-02 / PERCo-WME-02
«Verification» module

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

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







PERCo-Web features

Free software for 2 years

Web-based technology

JSON API
Communication protocol

Demo version

Various identification types

MySQL database

Training seminars

Multi-language interface

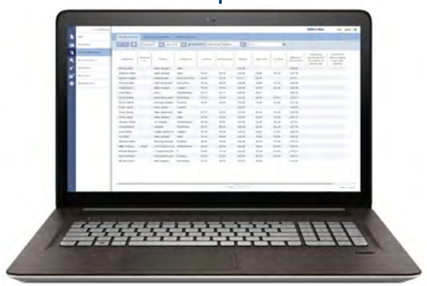
IP-based solutions: what is IP-Stile?

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

Standard delivery set:

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

Ethernet



PERCo free software

Turnstile

Built-in controller
and two readers

Products by PERCo: IP-stiles

KT-08A

automatic "Anti-panic" barrier arms

IP54
protection rating

+50
-20
temperature range

EMM/HID
card format

KT-02

automatic "Anti-panic" barrier arms

mechanical "Anti-panic" barrier arms

2
fingerprint scanners

EMM/HID MIFARE
card format

IP41
protection rating

+50
+1
temperature range

KT-05

12V
power supply

Ethernet
standard interface

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

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

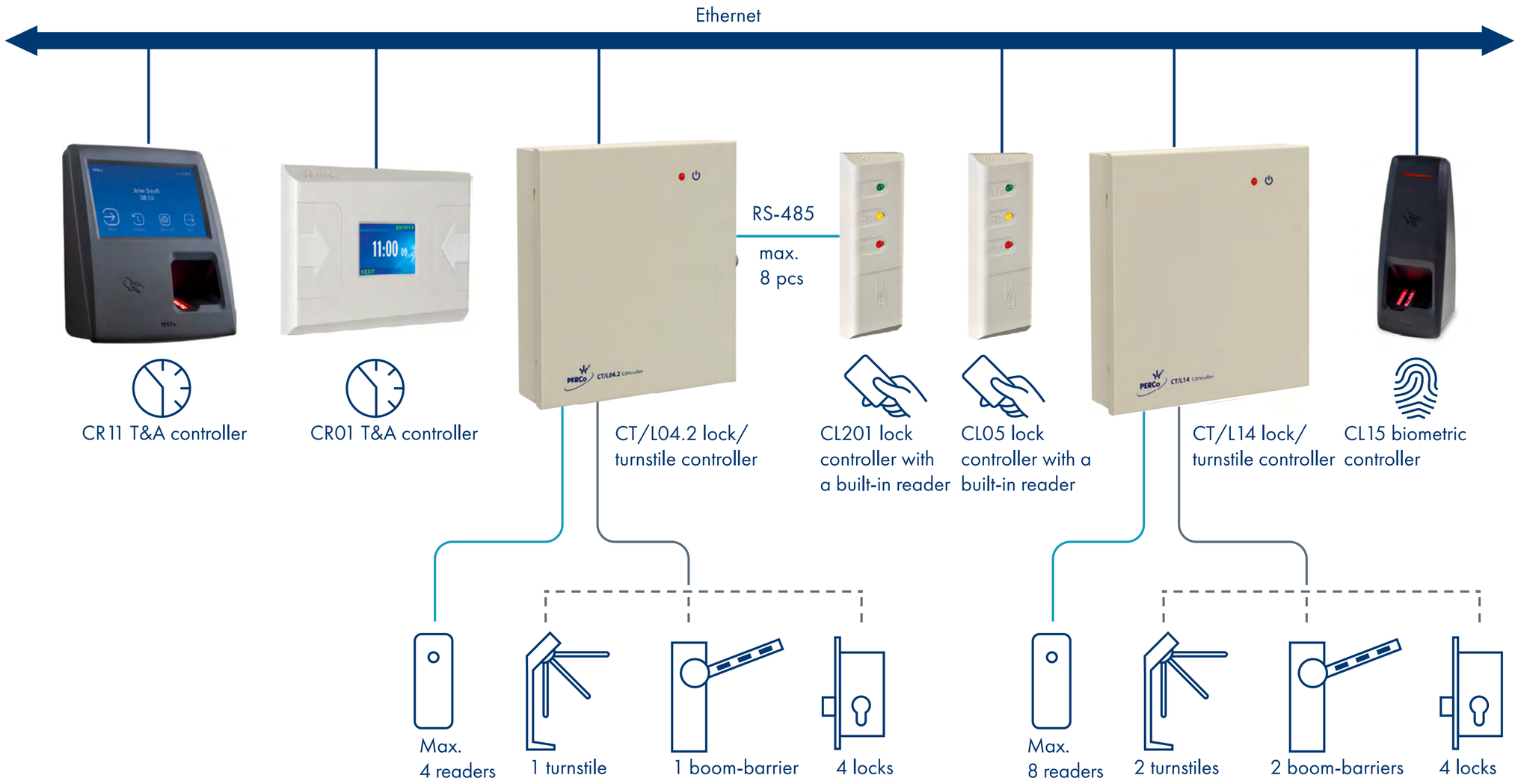
optional delivery sets for KT02 IP-Stiles

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

mechanical "Anti-panic" barrier arms	2 fingerprint scanners	EMM/HID MIFARE card format	IP41 protection rating	+50 +1 temperature range	12V power supply	30 persons/min	50 000 users	230 000 events

PERCo
Controllers

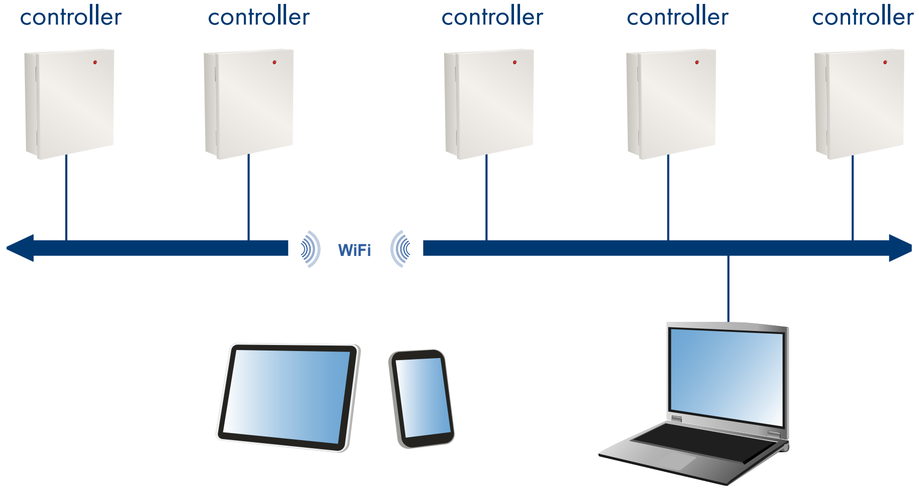
Products by PERCo: controllers



Products by PERCo: controllers

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

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



Ethernet
standard interface

2
turnstiles

4
locks

2
boom-barriers

4
readers

12V
power supply

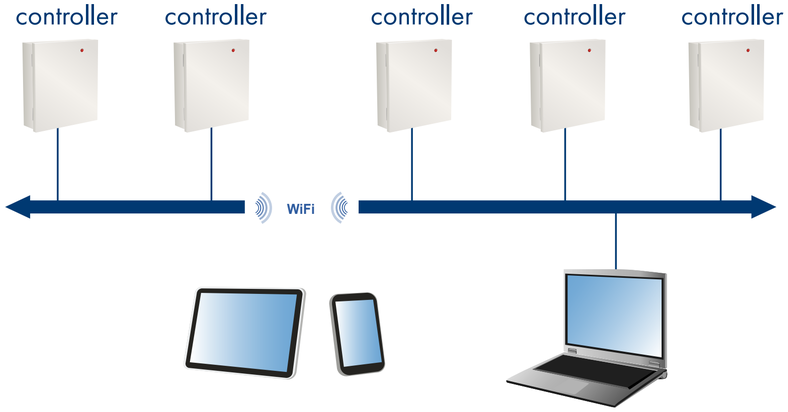
230 000
events

+40
+1
temperature range

50 000
users

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

- 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



Ethernet
standard interface

1
turnstile (1 direction)

1
lock

1
EMM/HID/ MIFARE
reader

fingerprint scanner

12V
power supply

150 000
events

+40
-10
temperature range

50 000
users

Products by PERCo: CR11 T&A biometric controller **NEW!**

Ethernet
standard interface

1
EMM/HID/ MIFARE
reader

fingerprint scanner

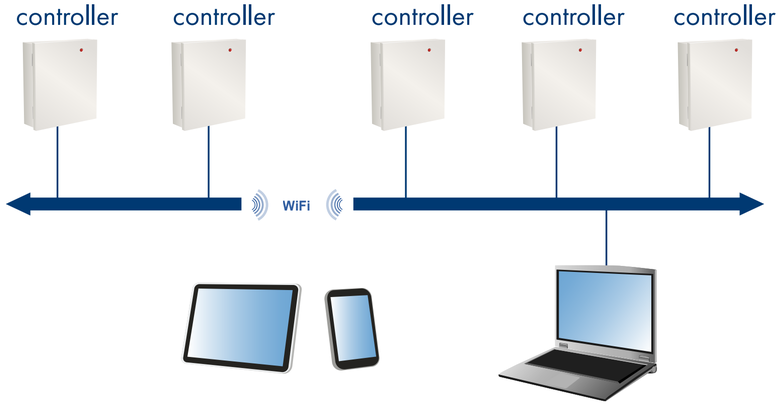
12V
power supply

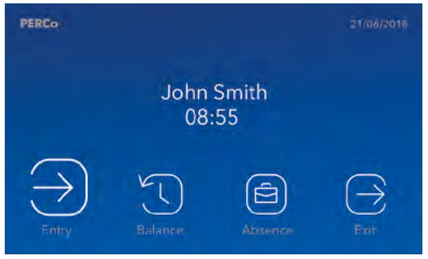
150 000
events

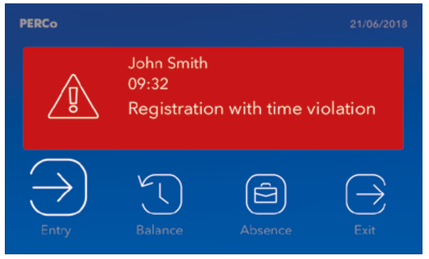
+40
-10
temperature range

50 000
users

- 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

Interface	RS-485	USB	Weigand
EMM/HID	IR03/IR04		RP15.2
MIFARE	MR07	MR08	
EMM/HID MIFARE		IR18	

Products by PERCo: IR18 biometric desktop reader **NEW!**

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

USB
standard interface

5 V
power supply

1
EMM/HID/ MIFARE
reader

+40
+1
temperature range

fingerprint scanner

Products by PERCo: IR10 long range reader

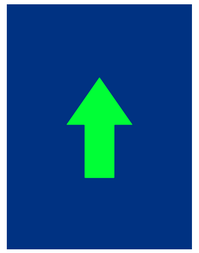
- built-in sound indication
- for outdoor application
- reading range – max 100 cm

+40 / -40	12 V	RS-485	Wiegand	IP41
temperature range	power supply	standard interface	standard interface	protection rating

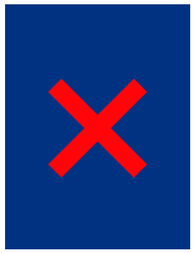
Products by PERCo: IRP01 reader post

- built-in sound indication
- LCD display with indication

Control



Open



Closed

Verification process

temperature range

power supply

standard interface

standard interface

protection rating

Products by PERCo: IC05 Card capture reader

+40
+1
temperature range

IP41
protection rating

12 V
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

- High operation speed
- Glass swing panels
- Elegant design

60
persons/min

+50
+1
temperature range

motor drive

160 W
power consumption

2
way control

24 V
power supply

IP41
protection rating

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

AISI 304

- High operation speed
- Glass sliding panels
- Elegant design

60
persons/min

+50
+1
temperature range

motor drive

160 W
power consumption

2
way control

24 V
power supply

IP41
protection rating

Products by PERCo: compact tripods

TTR-07
Indoor version with automatic anti-panic

TTR-08A
Outdoor version with automatic anti-panic

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

TTR-04
Outdoor and indoor version

T-5
Indoor version

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

AISI 304

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

Turnstile for transport

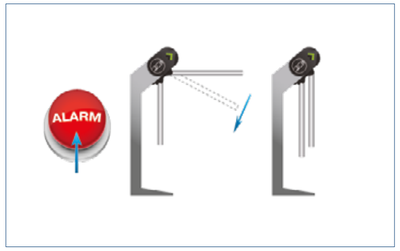
Turnstile for mounting on a vertical surface

motor drive	temperature range	persons/min	power supply	protection rating	way control
M	+55 / -40	30	24 V	IP54	2

Products by PERCo: TTR-08A for outdoor application

AISI 304

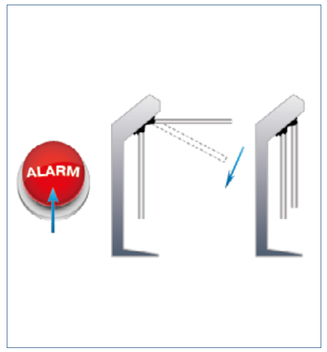
- Automatic anti-panic
- Card reader concealed mounting option
- LED indication
- Modern design



+55 -20	12 V	2	30	IP54
temperature range	power supply	way control	persons/min	protection rating

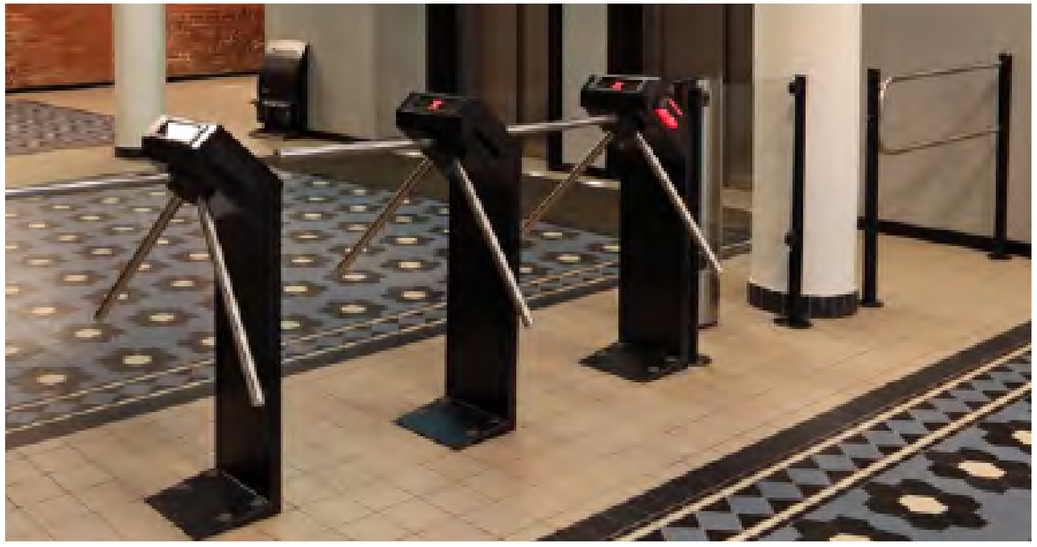
Products by PERCo: TTR-07/TTR-04/T-5 for indoor and outdoor application

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



(for TTR-07)

(for TTR-04, T-5)



(for TTR-07/TTR-04.1/T-5)

+40
+1
temperature range

IP41
protection rating

(for TTR-04CW)

+40
-40
temperature range

IP42
protection rating

12 V
power supply

2
way control

30
persons/min

Products by PERCo: box tripod turnstiles

Outdoor versions

TTD-10A NEW

TTD-08A

Elegant versions

TTD-03 series

TB series with built-in readers/card captures

Cost-effective versions
TTD-03 series

Products by PERCo: TTD-10A for outdoor application

AISI 304

- Automatic anti-panic
- Integration options
- LED display
- Modern design

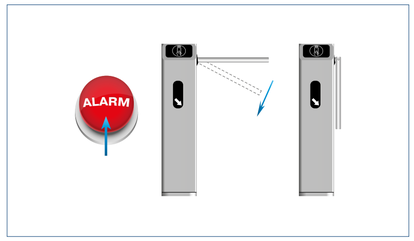
+55
-20
temperature range

12 V
power supply

2
way control

30
persons/min

IP54
protection rating



Products by PERCo: TTD-08A for outdoor application

AISI 304/316*

- Automatic anti-panic
- Card reader concealed mounting option
- LED indication
- Modern design

*time and price of manufacture are specified individually

+55 / -20	12 V	2	30	IP54
temperature range	power supply	way control	persons/min	protection rating

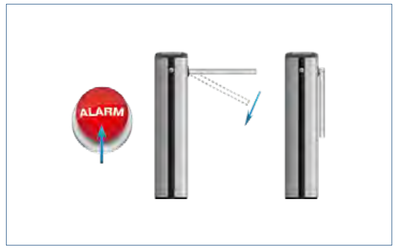
Products by PERCo: TB series for indoor application

AISI 304

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

Reading personnel cards

Visitor card management



Automatic anti-panic

reader

temperature range

power supply

way control

card capture reader

EMM/HID

persons/min

protection rating

Products by PERCo: TTD series for indoor application

AISI 304

- Mechanical anti-panic
- LED indication
- Universal design

Reading personnel cards

+50
+1
temperature range

12 V
power supply

2
way control

30
persons/min

key override control

IP41
protection rating

Products by PERCo: swing gates

Motorized indoor version
WMD-05S

Electromechanical
WHD-05

Motorized
WMD-06

Products by PERCo: WMD-06 for indoor application

AISI 304

- Motorized
- Glass swing panels
- Modern design

M
motor drive

+50
+1
temperature range

24 V
power supply

IP41
protection rating

2
way control

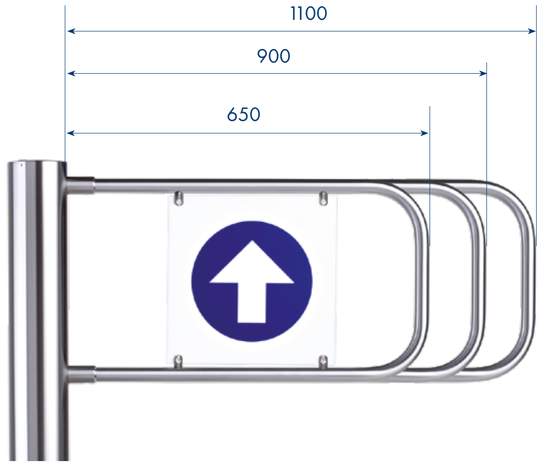
12
persons/min

W
105 W
power consumption

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

AISI 304

- Motorized
- Universal design



disabled access

+55
+1
temperature range

24 V
power supply

60 W
power consumption

2
way control

IP41
protection rating

key override control

12
persons/min

motor drive

WMD-05S for indoor application

Products by PERCo: WHD-05 for indoor application

- Electromechanical
- LED indication
- Universal design

+50
+1
temperature range

12 V
power supply

2
way control

22
persons/min

IP41
protection rating

Light beige

Dark grey

Products by PERCo: RTD-15 series for outdoor application

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

WHD-15 full height security gate

55
-40
temperature range

motor drive

105 W
power consumption

22-30 V
power supply

20
persons/min

2
way control

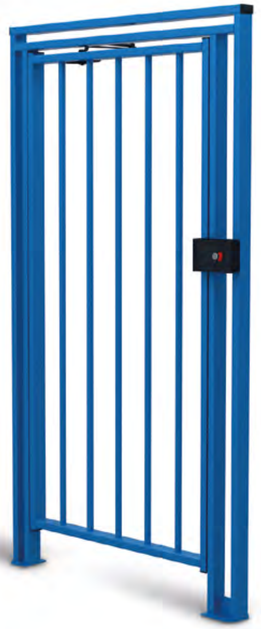
key override control

IP53
protection rating

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

RTD-16

RTD-20 double turnstile



WHD-16 full height security gate

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

55
-40
temperature range

motor drive

105 W
power consumption

22-30 V
power supply

20
persons/min

2
way control

key override control

IP54
protection rating

Products by PERCo: mortise electromechanical locks

LB-series
Electromechanical locks

LBP-series
Electromechanical locks

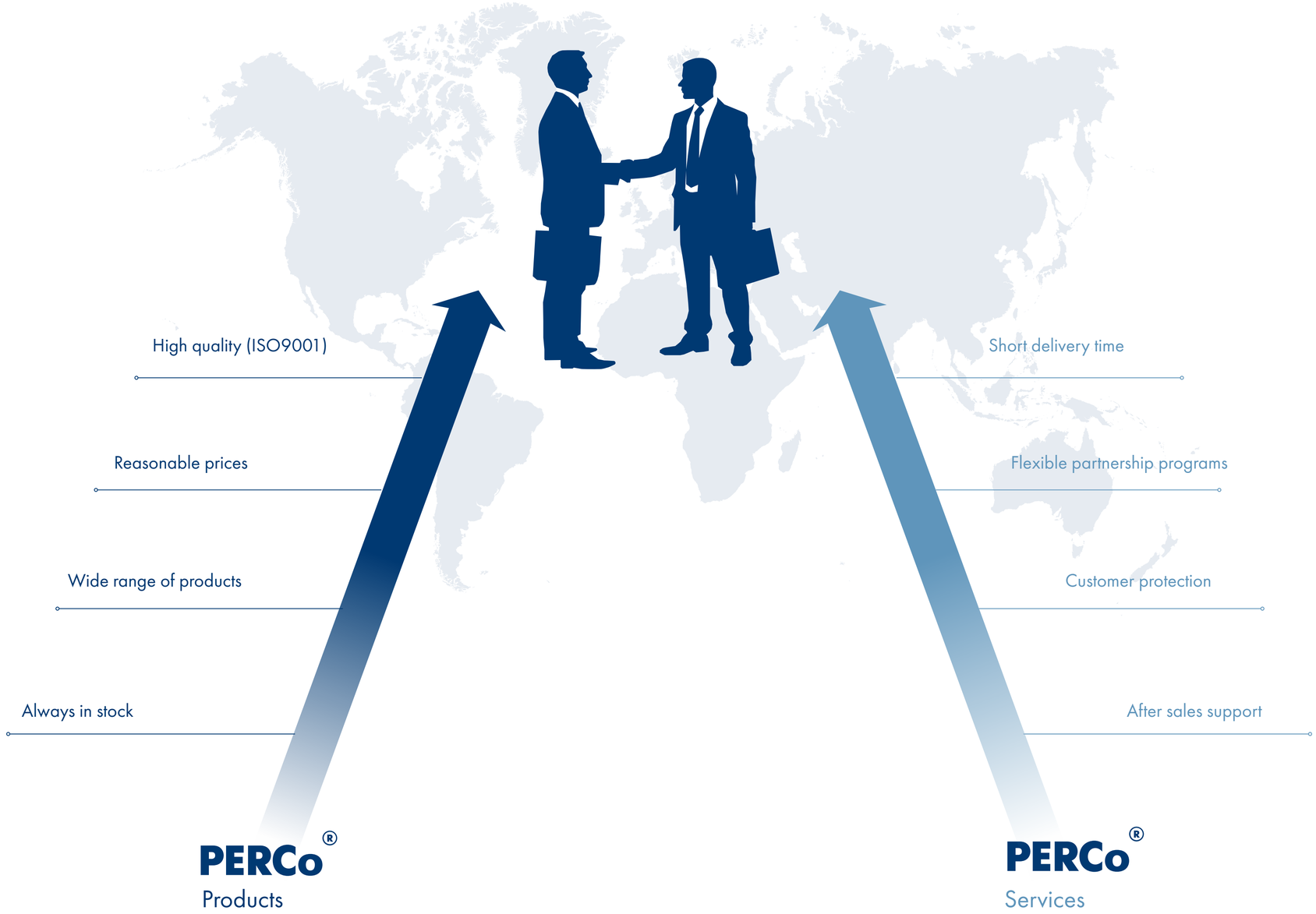
Model	Power connection	Control mode	Centre-to-centre spacing	Type of locking bolt
LB72.3	With terminal block	Normally closed	72 mm	Flat locking bolt, with blocker roll
LB72.4	With terminal block	Normally open	72 mm	Flat locking bolt, with blocker roll
LB85.1, LBP85.1	With terminal block	Normally closed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

For **LB**-series

+40
+1
temperature range

12 V
power supply

Working with PERCo: partner`s benefits



Working with PERCo: partner`s benefits

1. Best quality products are already in stock
2. Fast and professional technical support
3. Easy integration with your own access control or T&A systems
4. Partnership programs
5. Customer protection

Working with PERCo: partner`s benefits

20 days **4-6 days** **2 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
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

Almaty Zoo, Kazakhstan

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

- Paris-Sorbonne University, France
- University of Deusto, Spain
- Oakland University, New Zealand
- Salzburg Museum, Austria
- National Museum of Archaeology, Malta
- University of Port Harcourt, Nigeria

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,

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

Business-center «Hadovka Office Park», Czech Republic

Univeristy of Southern Philippines Foundation, Cebu, Philippines

Thank you for your time and attention!

We look forward to our cooperation.