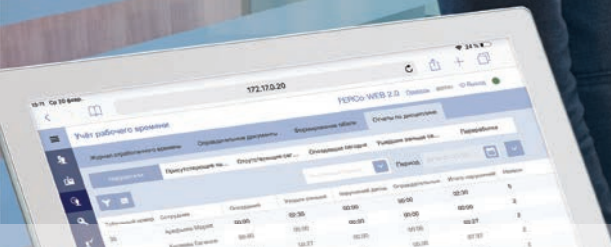


PERCo



Access control to the territory



Access control to the rooms



Extra passageway control



Passes issue and withdrawal



Workforce management control



Remote control by the manager



Working hours record

Access control and T&A system

Modern technologies for efficient management

PERCo-Web access control system – security and efficient business management.

PERCo-Web allows organizing:

- protection from unauthorized access
- access rights differentiation for employees and visitors
- working hours record and workforce management control

PERCo access control systems operate successfully in business centers, enterprises and institutions in 90 countries of the world.



Hadovka Office Park, Czech Republic



Skynet company office, Russia



PIK company office, Russia



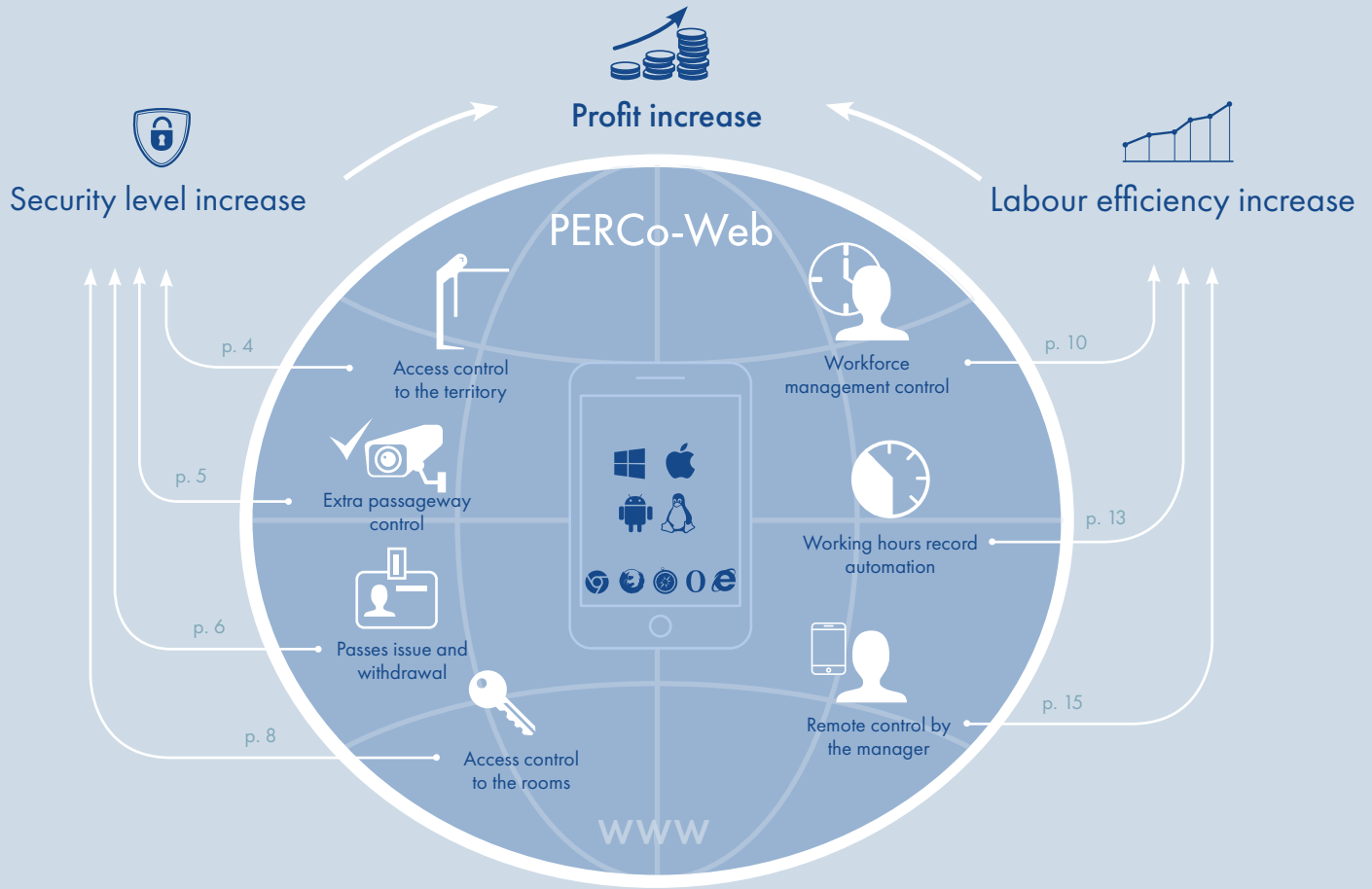
Château de Chambord, France



Pokrovskii business-center, Russia



Student Loans Company, Scotland

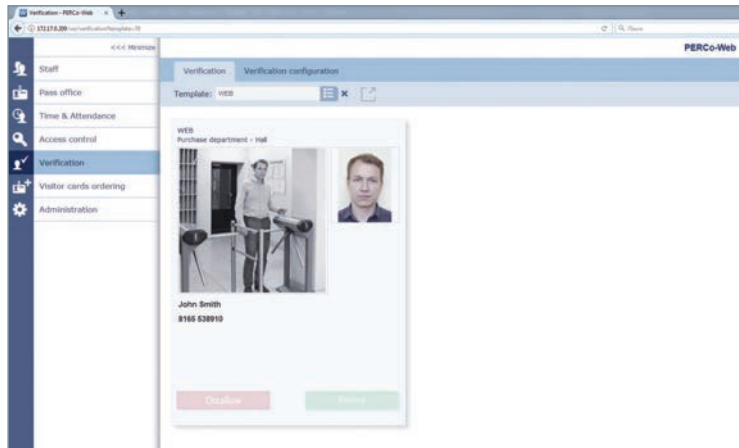


Entrance at the enterprise is a key security point



Entrance is equipped with turnstiles. Entry is allowed by fingertips, proximity cards with protection from copying and by smartphones with NFC-module.

Access control at the entry



PERCo offers a wide range of turnstiles from compact tripod turnstiles to high class speed gates.

In order to organize extra passage control, f.e. to protect the enterprise from entry by someone else's card, passage with verification by operator can be applied. After presenting the identification card to the reader, the image of its owner from data base appears on the computer screen of the security officer. It allows to confirm that the passage is performed by the owner of the pass.



Tripod turnstiles

Box tripod turnstiles

Speed gates

Visitors access organization



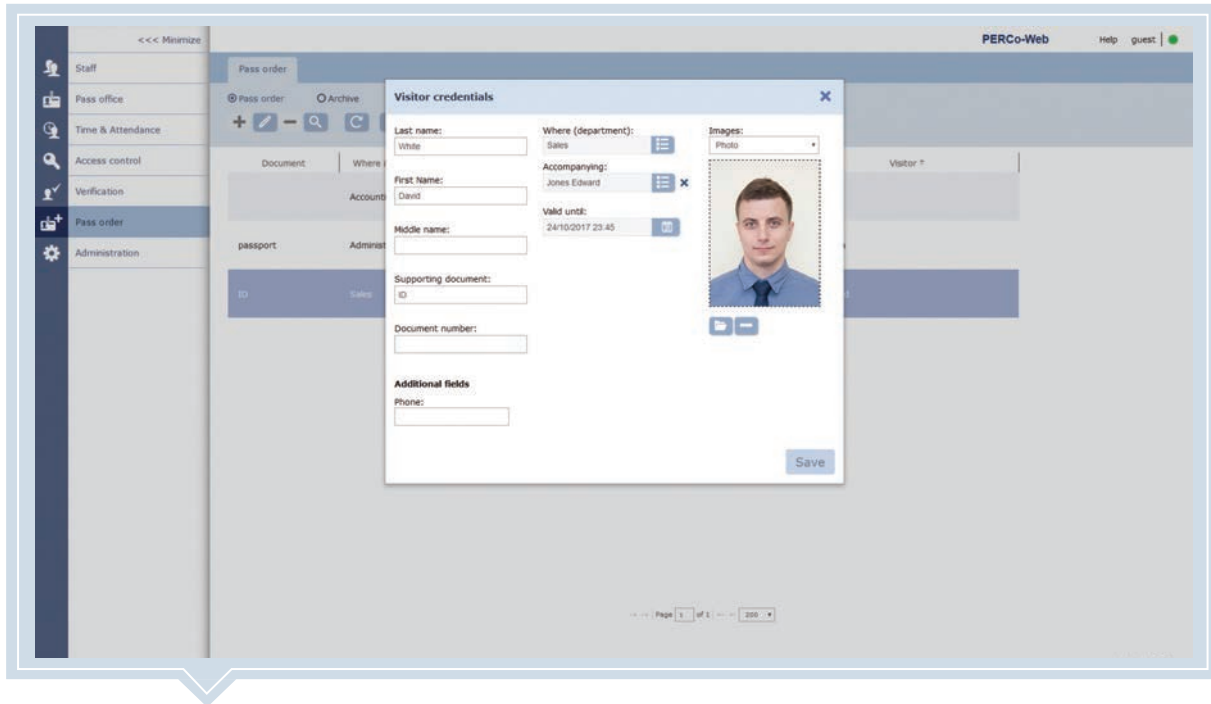
Visitors receive temporary access cards.



When leaving visitors drop access cards into the card capture reader. Until the card falls down turnstile will not open for an exit.



PERCo manufactures both standalone card capture readers and the ones inbuilt into turnstile housings.



Card can be issued upon arrival or in advance. PERCo-Web has a possibility of passes pre-order.

Access control inside the building

Rooms are to be equipped by locks, controllers and readers. Employees and visitors receive identifiers with prescribed access rights. That means that the access is possible only in the rooms allowed by the manager. Proximity cards, smartphones or fingerprints can be used as identifiers.





Biometric fingerprints identification



Identification by EMM, HID, MIFARE proximity cards



Identification by smartphone with NFC-module cards

"Manager's office control" is a convenient solution designed for managers and people who receive visitors. This system allows manager to control his office door remotely with RC panel, choosing "Open" - , "Closed" - **STOP** or "Entry by card" -  modes.

These regimes are identified on the indication block inside the room and on the outside reader.



Unique locks for office access control

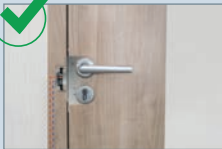


PERCo locks for standard and profile office doors are designed to operate within access control systems.

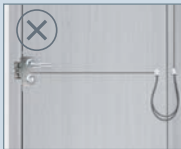
Their unique feature is that power is connected through the strike plate in the door frame.

It makes installation easier and provides aesthetically pleasing exterior of the door.

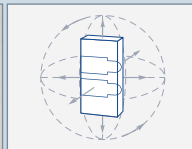
There is no need for adapters and reed switchers. PERCo-Web system receives information about opening and closing of the door through the same strike plate.



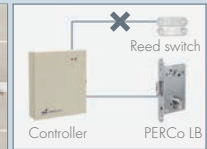
Keep door interior



Operate under the door sagging



Operate without door sensor



Working hours record



Access control equipment is also used for workforce management control.

By presenting the identifier to the reader employees register both their arrival and their leaving.

Workforce management control

The screenshot displays the PERCo-Web interface for workforce management control. The left sidebar contains navigation options: Staff, Pass office, Time & Attendance (selected), Access control, Verification, Pass order, and Administration. The main content area is titled 'Discipline reports' and includes filters for 'Violators', 'Currently present', 'Absent today', 'Late comers today', 'Left earlier today', and 'Overtime'. The search criteria are set to 'Stated period' from 27/05/2018 to 04/07/2018, with the department 'Optima Trade* Company'. The table below lists employee details and their discipline records.

Employee ID	Employee #	Department	Position	Late arrivals	Number of early-out events	Discipline violations during the working day	Supporting documents	Total discipline violations
	Adams Aiden	Sales	Sales manager					
	Anderson Brian	Sales	Sales manager					
	Benneth Angela	General Services	Cleaning lady		07:55	00:04		07:59
	Brown Angela	Accounting	Chief accountant					
	Collins Owen	Logistics	Sales manager					
	Cook Mason	Administration	Driver					
	Evans Sophia	Advertising	Advertising department c	00:05				00:05
	Flores Gabriel	Purchase	Sourcing manager					
	Fraser Jacob	Logistics	Picker-packer					
	Green Steven	Sales	Sales department head		05:26			05:26
	Harris Logan	Sales	Sales manager					
	Johnson Emma	Administration	HR manager					
	Jones Edward	Advertising	Designer	00:22				00:22
	King Nathan	Logistics	Logistic department direc					
	Lee Oliver	Sales	Sales manager					
	Martinez Helena	Purchase	Sourcing manager					
23105	Miller Anthony	Administration	Chief executive manager					
	Mitchell Benjamin	IT	IT department director		08:20			08:20

Based on this data system generates following discipline reports:

- on late arrivals
- on early leavings
- on absentees

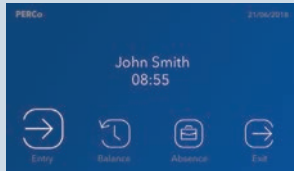
Time & Attendance terminal



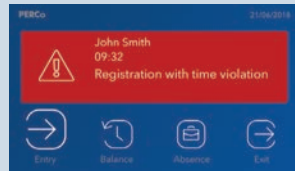
Easy and accurate working hours record can be arranged on a special T&A terminal – LICON controller.

It can be installed in any place of the office, for example, at the entrance door.

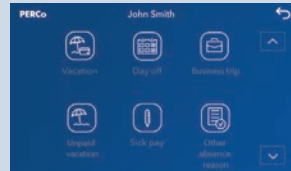
LICON not only registers events, but also shows employee time of his entry / exit, informs about schedule violations or incorrect presentation of the card.



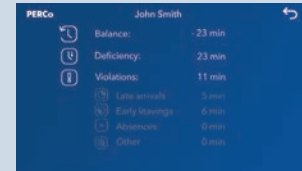
Employee data and registration time



Error information



Input of absence reason



Worked time balance

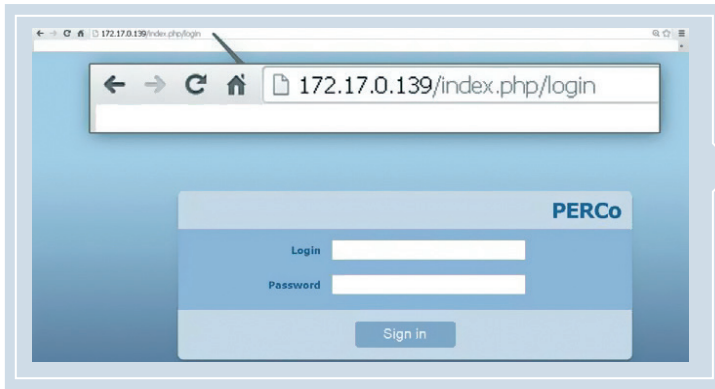
Worked time log

Employees	Employee ID	Position	Department	Presence	Working hours	Absence	Night work	Overtime	Balance of worked time	Supporting documents with the addition of working time	Documents without adding time / Paid overtime
Adams Aiden		Sales manager	Sales			168:00			-168:00		
Anderson Brian		Sales manager	Sales	43:59	40:00	128:00	33:00	00:14	-127:46		
Benneth Angela		Cleaning lady	General Services	05:16	01:49	61:11	01:49		-57:44		
Brown Angela		Chief accountant	Accounting	45:16	40:00	128:00	33:00	01:31	-126:29		
Collins Owen		Sales manager	Logistics	44:25	40:00	128:00	33:00	00:40	-127:20		
Cook Mason		Driver	Administration	02:17	02:17	165:43	02:17		-165:43		
Evans Sophia		Advertising depart	Advertising	37:23	33:49	134:11	26:56	00:21	-133:37		
Flores Gabriel		Sourcing manager	Purchase	44:45	40:00	128:00	33:00	01:00	-127:00		
Fraser Jacob		Picker-packer	Logistics			168:00			-168:00		
Green Steven		Sales department	Sales	43:37	34:34	133:26	30:04	03:44	-128:08		
Harris Logan		Sales manager	Sales	36:26	32:00	136:00	26:24	01:26	-134:34		
Johnson Emma		HR manager	Administration	44:38	40:00	128:00	33:00	00:53	-127:07		
Jones Edward		Designer	Advertising	43:57	39:32	128:28	35:30	00:24	-127:48		
King Nathan		Logistic departmer	Logistics	45:36	39:39	128:21	33:00	01:51	-126:09		
Lee Oliver		Sales manager	Sales	45:50	40:00	128:00	33:00	02:05	-125:55		
Martinez Helena		Sourcing manager	Purchase	36:46	32:00	136:00	26:24	01:46	-134:14		
Miller Anthony	23105	Chief executive ma	Administration	47:10	40:00	128:00	33:00	03:25	-124:35		
Mitchell Benjamin		IT department dire	IT	34:00	27:18	140:42	22:48	02:02	-137:27		
Moore Andrew		International oper	Purchase	27:50	23:30	144:30	20:42	00:09	-142:13		
Murphy Dylan		Web-manager	Advertising	37:23	34:03	133:57	30:24		-133:54		

PERCo-Web allows generating various types of reports to calculate actual worked time and to register different violations.

Easy access to the system

The system server is installed on one computer connected to the Ethernet network. Software installation on users' workstations is not required.



Connection to the system is similar to entering the site: user types the IP address of the system server in the browser address bar, enters his password, and can start working.



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

Users can work from tablet, smartphone, computer.



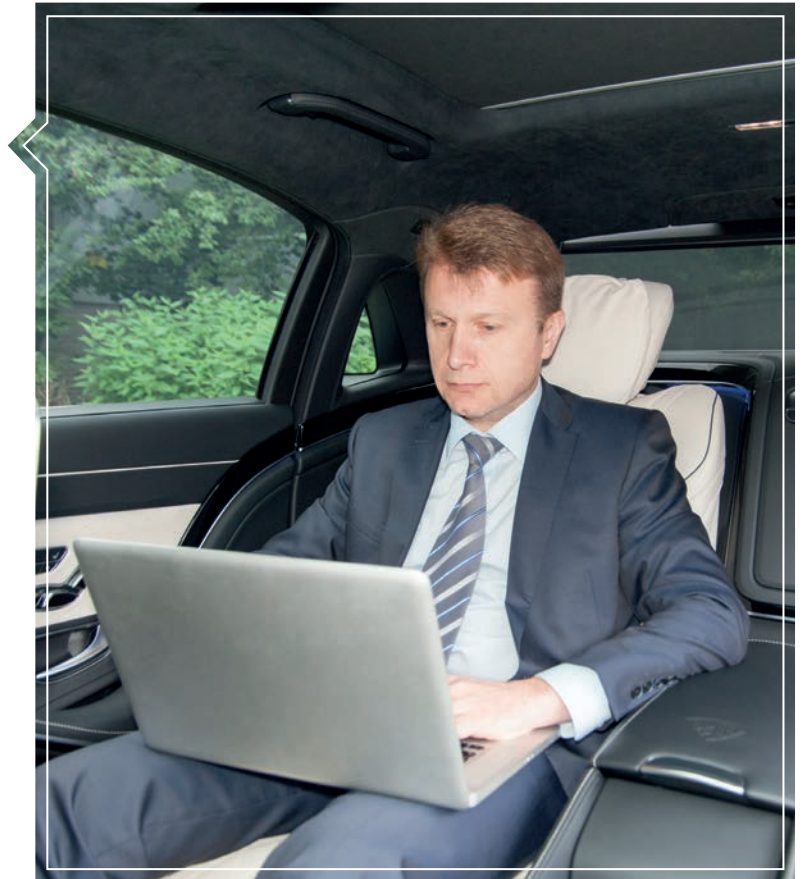
Remote workforce management control by manager

PERCo-Web system allows manager to control main business processes even if he is out of office or city.

Access is granted via Internet in online mode.



Manager can always receive the updates by getting an access to employees credentials, discipline reports and events, connected with security.



Economic benefits from system implementation

Access control system is a profitable business investment.

Calculation of economic benefits

Number of employees	300 pers
Average employee salary per month	1000 EUR
Employee overhead costs	200 EUR
Reduction of employee labour misconduct per day	5 min
Overall working time saving per month	540 hours
Total salary and overheads savings per month	3750 EUR

Economic benefits from system implementation include labour efficiency increase (by reducing labour misconduct), accounting processes automation and theft reduction.

Judging by installation experience of PERCo systems on various sites, payback period lasts from 4 to 6 months, and then the system starts making a profit.



To the business centers and office spaces owners PERCo-Web allows to receive additional incomes by proposing to their lessees pay services on their employees T&A control.

Among PERCo clients there are thousands of public and private organizations, banks, museums, power plants, airports, railways, seaports, exhibition and business centers, ski resorts, fitness, health and entertainment facilities in 90 different countries.



Skolkovo innovation center, Russia



University of Southern Philippines Foundation, Philippines



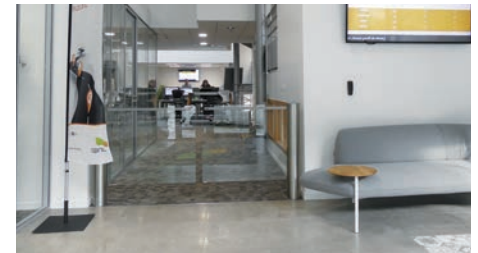
Russian World Studios film studio, Russia



Česká spořitelna bank, Czech Republic



Regional college, UK



April Partenaires company office, France

Training center



Training center in Saint Petersburg



Showroom



Our qualified partners will help you to define the required system package, to supply and install it and will also provide an aftersale support. The list of the partners can be found on our website perco.com in "Where to buy" section.



PERCo training center conducts regularly free seminars for the system users:

- IT specialists
- Specialists of engineering and operational services
- Chief officers and officers of the security service
- Accountants and HR specialists

All interested in trainings are welcomed. To participate please contact PERCo training center seminar@perco.ru

PERCo is a leading Russian manufacturer of security systems and equipment.

- 30 years of expertise in the security market
- export to 90 countries worldwide
- PERCo trademark registered in 20 countries
- over 500-strong team of qualified professionals
- 23,000 sq.m of production and office space
- training center
- more than 400 dealer centers and commercial partners all over the world
- modern manufacturing plant in Pskov
- warehouses in Russia and EU (the Netherlands and Estonia)

PERCo quality management system is certified with ISO 9001:2015 international standard.



PERCo headquarters



PERCo manufacturing plant

Why to choose PERCo

- 30-year experience
- Export to 90 countries
- Modern manufacturing plant
- Wide dealership network
- Free trainings at Training center

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