

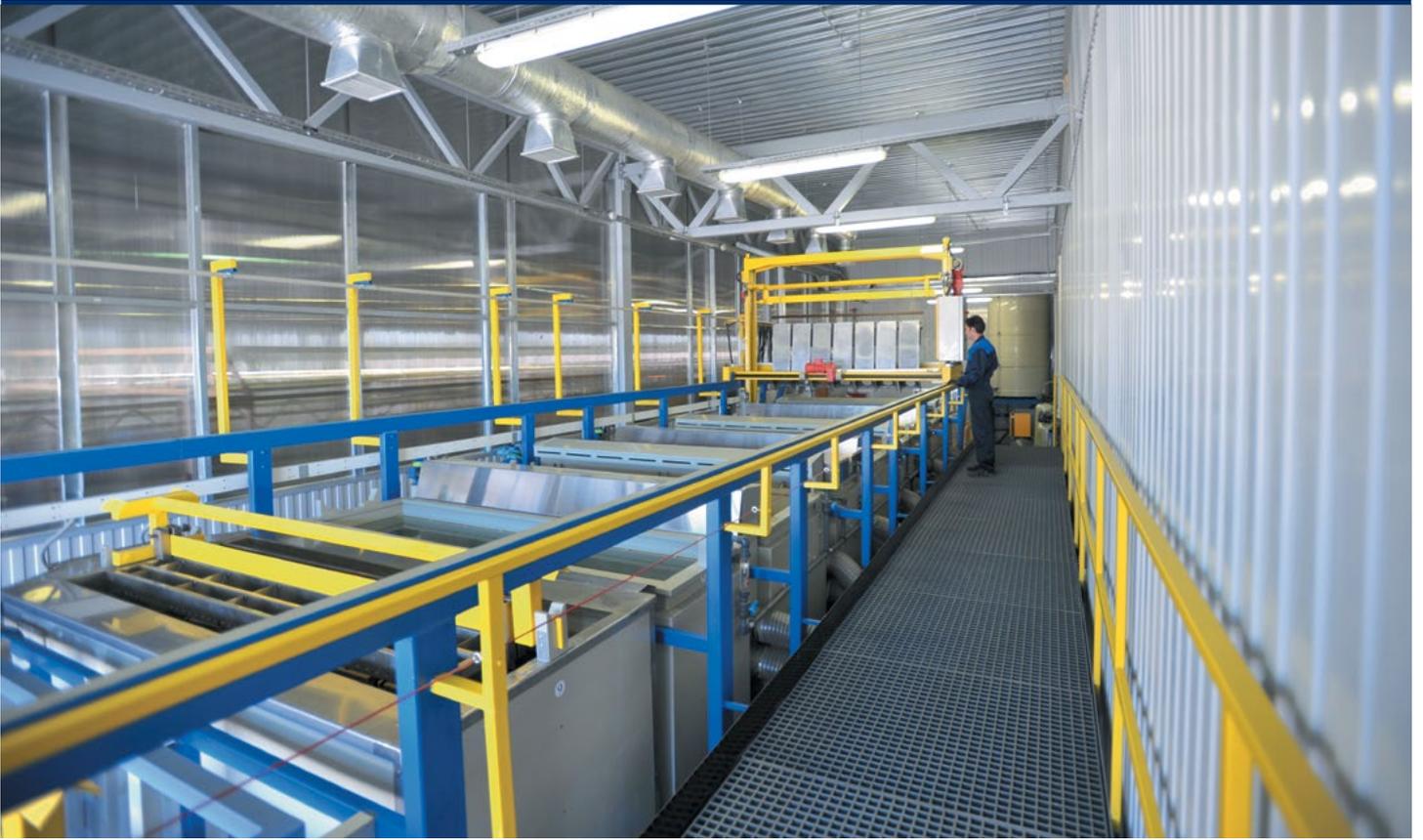


PERCo

COMPANY PROFILE

Security equipment manufacturer





Surface preparation line



Powder coating line

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

PERCo products are well known for high quality both in Russia and abroad, they are exported to 93 countries of the world.

The PERCo quality management system is certified for compliance with ISO 9001:2015 international standards.

With state-of-the-art production facilities and advanced engineering innovations, PERCo designs, manufactures, and successfully markets products that meet international standards of the security industry.

Our Mission

To provide a broad range of innovative, high-quality products and services that meet our customers' needs for security solutions and effective business management.

Main product groups

- ▶ Turnstiles, gates, and railing systems
- ▶ Electromechanical locks
- ▶ IP-based entrance control systems
- ▶ Access control and T&A systems
- ▶ Integrated security systems
- ▶ Boom barriers



Metal finishing workshop

PERCo in brief

- ▶ 35 years in the access control market
- ▶ export to 93 countries worldwide
- ▶ PERCo trademark is registered in 20 countries
- ▶ 23.000 sq.m. of production and office space
- ▶ over 500-strong team of qualified professionals
- ▶ worldwide sales network of over 400 companies
- ▶ 5-year warranty period for all PERCo equipment
- ▶ state-of-the-art manufacturing plant in Russia
- ▶ warehouses in Russia and the UAE
- ▶ training center at PERCo headquarters



PERCo quality management system certificates



PERCo headquarters

- 1988** Establishment of the company. Development and production of custom-made security systems begins.
- 1991** PERCo manufactures the first Russian-made tripod turnstile.
- 1993** PERCo develops and starts production of the first in Russia electromechanical office lock and proximity-cards based network access control system.
- 1994** PERCo develops a dealer network.
- 1995-1996** PERCo starts production of the first Russian-made access card readers, which leads to the widespread of contactless identification technologies in the country.
- 1999** PERCo launches serial production of waist-high and full height electromechanical rotor turnstiles.
- 2000** A nationwide network of showrooms at regional dealers and a training center are opened.
- 2001-2002** The first international installation outside the CIS countries (Reykjavik, Island). Broader international expansion, the first sales to France, Japan, and the UK.
- 2003** PERCo products are exported to 45 countries worldwide.
- 2004-2005** PERCo sets up a network of regional service centers and opens a warehouse in the EU (Tallinn, Estonia). The company begins taking part in major international security shows in Germany, the UAE, the USA, and the UK.
- 2006** PERCo opens its first showroom abroad (Glasgow, the UK), exports to 51 countries.
- 2007** PERCo releases the first security system based on Ethernet technologies in Russia. Start of the construction of the PERCo plant in Pskov.
- 2008** IP-Stiles production is launched.
- 2009** PERCo launches the first production line at the plant in Pskov.
- 2010** Official opening of the manufacturing plant in Pskov. PERCo quality management system is certified to the ISO 9001:2008 international standard.
- 2011** PERCo launches an Ethernet-based system for educational facilities. PERCo training center implements a new interactive method of training - webinars.



Manufacturing plant in Russia

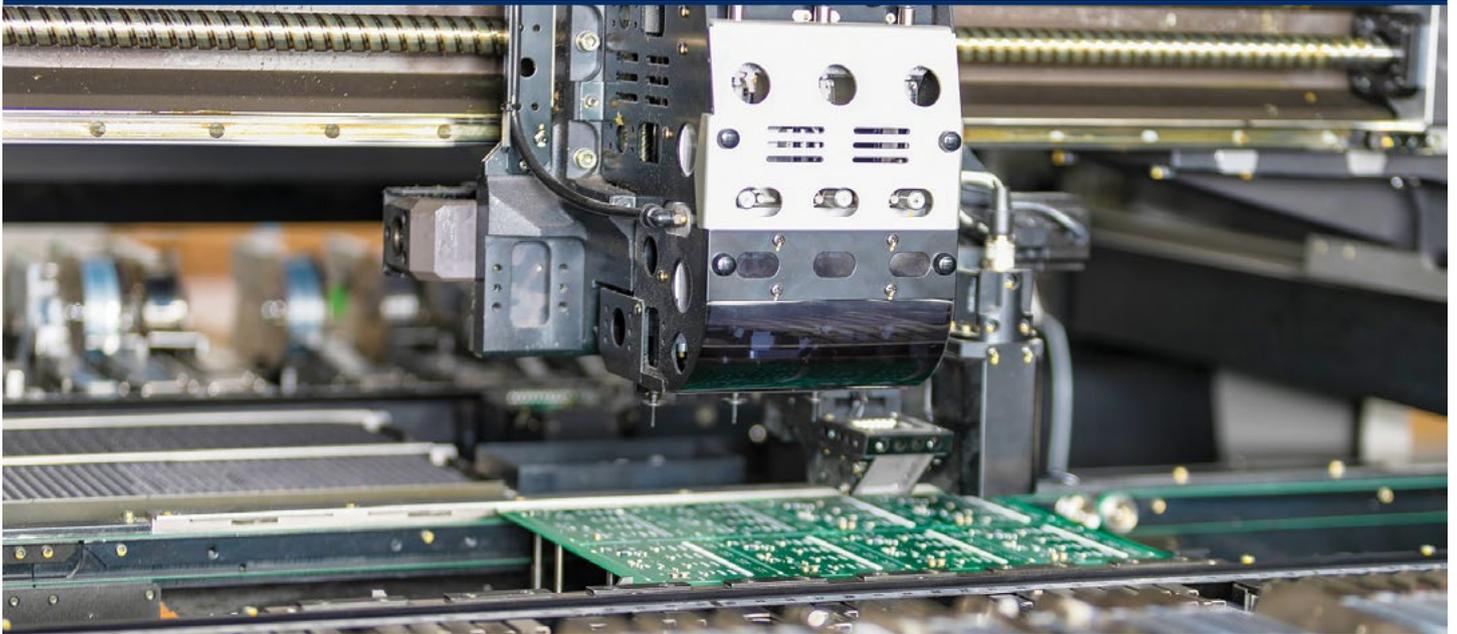


25-th anniversary of PERCo

- 2012** Expansion of PERCo production facilities 4 new processing centers ACCUWAY UT-200M with numerical program operation are launched. Introduction of a certification system for PERCo partners, exports to 75 countries worldwide.
- 2013** PERCo celebrates its 25-th anniversary. Regional PERCo warehouses network is set up. PERCo S-20 security system is accepted as standard and included in study program of 10 leading universities in Russia and CIS region.
- 2014** The new Pulkovo terminal is equipped with PERCo gates. The first electromechanical lock which is powered through a strike plate is manufactured. Launch of online training for overseas partners. The first service center for EU-partners is opened in Estonia.
- 2015** Launch of serial production of all-weather design stainless steel turnstiles with automatic anti-panic function.
- 2016** PERCo produces its first speed gate made of stainless steel and 10 mm tempered glass. Opening of the new office building in Saint Petersburg. PERCo launches the production of access control and T&A system with Web-interface.
- 2017** PERCo opens a training center in its headquarters in Saint Petersburg. Warranty period on PERCo equipment is extended up to 5 years.
- 2018** PERCo celebrates its 30th anniversary. Full height turnstiles have become a perfect solution for the flow of fans at the 2018 World Cup. Partners from 11 countries are trained at PERCo training center.
- 2019** Launch of serial production of next generation biometric controllers. Opening of an overseas office in Dubai.
- 2020** Launch of serial production of the boom barriers. PERCo wins the "Exporter of the Year" award. PERCo-Web system development: face recognition and barcode identification, temperature control, and integration with CCTV.
- 2021** Launch of serial production of motorized turnstiles for additional equipment installation and compact speed gates. PERCo-Web system development: distributed servers and multilevel verification. Design of mobile applications for boom barriers. PERCo equipment is exported to 92 countries.
- 2022** Launch of serial production of turnstiles with paid access control. Opening of a new warehouse in Dubai, the UAE.



Meeting partners at a trade show in Dubai, the UAE



Electronic boards SMT-mounting center

Research & Development

PERCo products are in-house designed. The R&D Division includes Design, H/W and S/W departments. All new production is subjected to endurance and environmental tests, as well as tested for electrical and fire safety and electromagnetic compatibility.

Production

PERCo plant is a high-tech production equipped with the latest technology equipment from leading world manufacturers:

- ▶ CNC turret punch presses by Amada, Japan and Trumpf, Germany
- ▶ CNC vertical machining center MATSUURA MX-520, Japan
- ▶ CNC horizontal machining center ACCUWAY VT-200M, Taiwan
- ▶ CNC bending presses by Amada, Japan
- ▶ CNC vertical machining center by DAHLIH, Taiwan
- ▶ CNC turning centers by GoodWay, Taiwan
- ▶ multi-tasking turning and milling machines by KNUTH, Germany
- ▶ grinding machines by LOESER, Germany
- ▶ pipe bending machines by ERKOLINA, Italy
- ▶ SMT soldering station by YAMAHA MOTOR GROUP, Japan
- ▶ Wigel surface preparation line by Henkel, Germany
- ▶ powder coating systems by ITW Gema, Switzerland



Five axis machining center



PERCo Training Center, Saint Petersburg

The multilevel quality management system ensures thorough control through all the production stages and pre-sales service. All PERCo products are certified for compliance with applicable Russian and European CE standards.

Service

PERCo is very particular about effective performance of its products:

- ▶ true to its customer-oriented strategy, PERCo always honours the warranty and post-warranty obligations throughout the product lifetime
- ▶ Technical Support Department provides the customer with after-sales service, warranty repair, and comprehensive technical advice.

Training

PERCo Training Center conducts regular training seminars for installers, project organizations, and end users. Seminars are held both face-to-face at PERCo Training Center in Saint Petersburg and online in the format of webinars.



PERCo Showroom, Saint Petersburg



IP-Stiles



PERCo Pyrometer

Access control systems

PERCo access control systems provide a wide range of solutions for enterprises, institutions, universities, schools, and sports facilities: from simple cost-efficient one-door solutions to well-developed network systems, connecting facilities in different cities.

PERCo systems are based on Ethernet technologies, which allows using standard network equipment. In some cases, systems do not require cabling as controllers can connect to existing enterprise LAN.

Apart from access control functions, PERCo systems allow organizing working time recording and workforce management based on the same equipment.

PERCo-Web is an access control and T&A system with Web-interface. The system server is installed on one computer, connected to Ethernet. Software installation on users' workstations is not required.

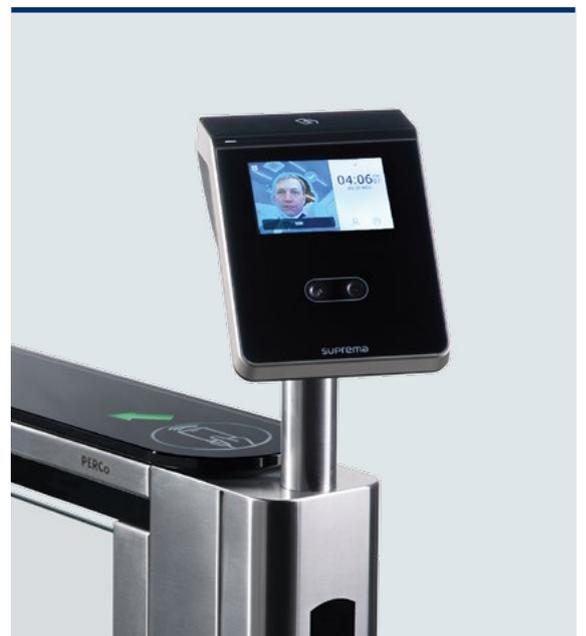
The new generation of PERCo controllers with embedded software allows organizing the system without a dedicated server.

To connect to the system, the user needs to type an IP address of the system server in any browser address bar and enter his password.

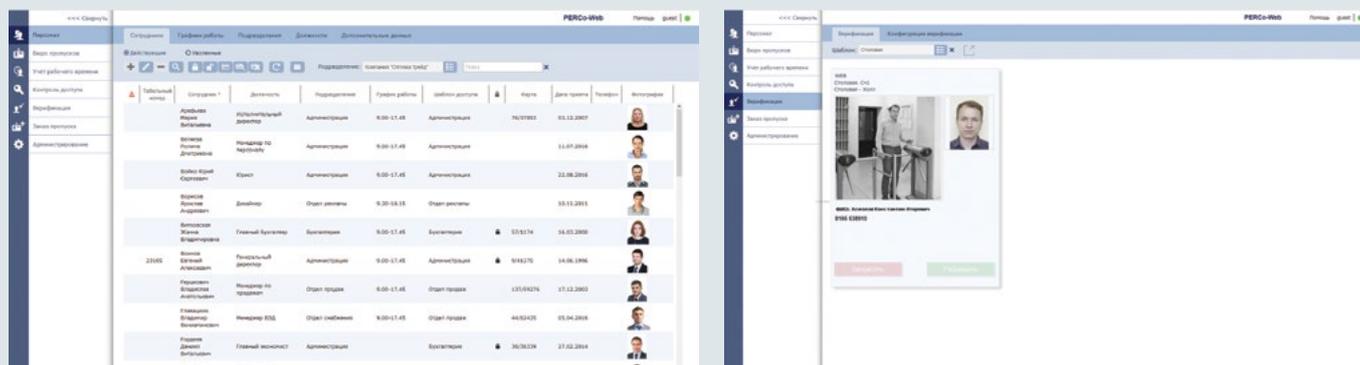
The universal architecture of the system makes it possible to apply it both in small offices and in large enterprises.



Card reader post / card capture reader



Face recognition terminal



Software

A system of distributed servers is used at large remote facilities. Information processing is distributed among several PERCo-Web servers to reduce the load on the server and increase fault tolerance and scalability.

The PERCo-Web access control system allows organizing online monitoring at the enterprise and controlling the devices on a graphic plan. It is possible to integrate ACS with CCTV and security and fire alarm systems. PERCo-Web allows using different types of identifiers: proximity cards of EMM/HID/MIFARE formats, smartphones with NFC, barcodes, bank cards with PayPass, and biometric data.

Due to the API support, the access control system is easily integrated with third-party applications, including enterprise management systems – CRM and ERP systems. The PERCo-Web ACS allows you to organize access control and management of employees' and visitors' vehicles.





Compact tripod turnstiles

IP-Stiles

IP-Stiles are turnkey access control systems based on IP technologies. Controller and multi-format card readers (EMM/HID/MIFARE) are built-in in a turnstile housing. There are also models with a built-in card-capture reader. New models of the IP-Stiles support barcodes, access cards, bank cards with PayPass, fingerprints, and smartphones with NFC function as identification methods. IP-Stiles operate under PERCo systems control. Free software is included in the delivery set.



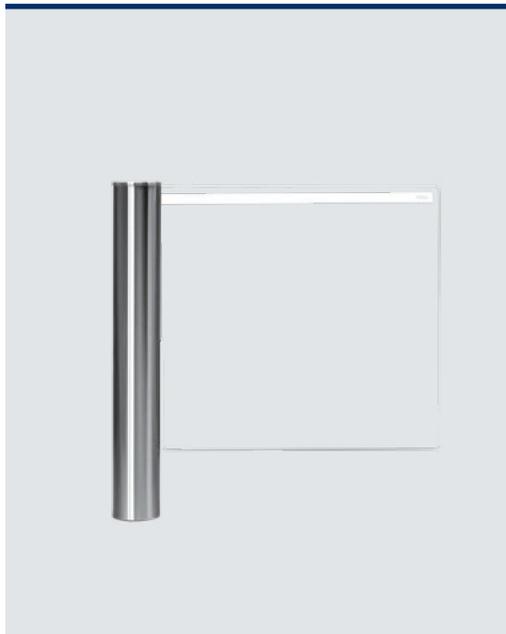
Box tripod turnstiles

Turnstiles, swing gates & railings

PERCo is one of the leading turnstile manufacturers in the world. More than 50 mln people pass through PERCo turnstiles every day. PERCo product line includes speed gates, box tripod turnstiles, compact tripod turnstiles, waist-high and full height rotor turnstiles, motorized and electromechanical swing gates. Speed gates provide a contactless passage. In case of emergency, swing panels unblock automatically. PERCo turnstiles allow organizing convenient integration with optional equipment like face recognition terminals, pyrometers, barcode scanners. Special brackets and poles are designed for such purposes. PERCo also produces railing systems made in the same design as the turnstiles. PERCo quality is recognized worldwide. PERCo products are sold and installed in 93 countries.



Full height rotor turnstiles



Swing gate



Speed gates

Boom barriers

PERCo boom barriers are designed to organize a controlled entrance to the territories with limited access.

GS04 boom barrier is equipped with an integrated heating system of the control mechanism that guarantees a smooth operation at ambient temperature from -40 to +55°C. GS14 boom barrier features a simplified design. The photocell can be purchased separately.

For the convenience, boom barrier can be operated by mobile application, phone call, RC panel, or WRC fob.

The photocell, LED indication, and hit protection system ensure safe vehicle passing.

The reliable gear motor and boom barrier design protecting the mechanism in case of a car hit provide high durability to the boom barrier operation.



Boom barrier

Electromechanical locks

PERCo manufactures mortise electromechanical locks with normally-opened and normally-closed operation modes.

PERCo innovative solution is locks with powering through the strike plate which makes installation easier and provides aesthetically pleasing exterior of the door without using adaptors.

Locks by PERCo are used for standard and profile doors. For thin metal profile doors special lock model was designed – LBP.



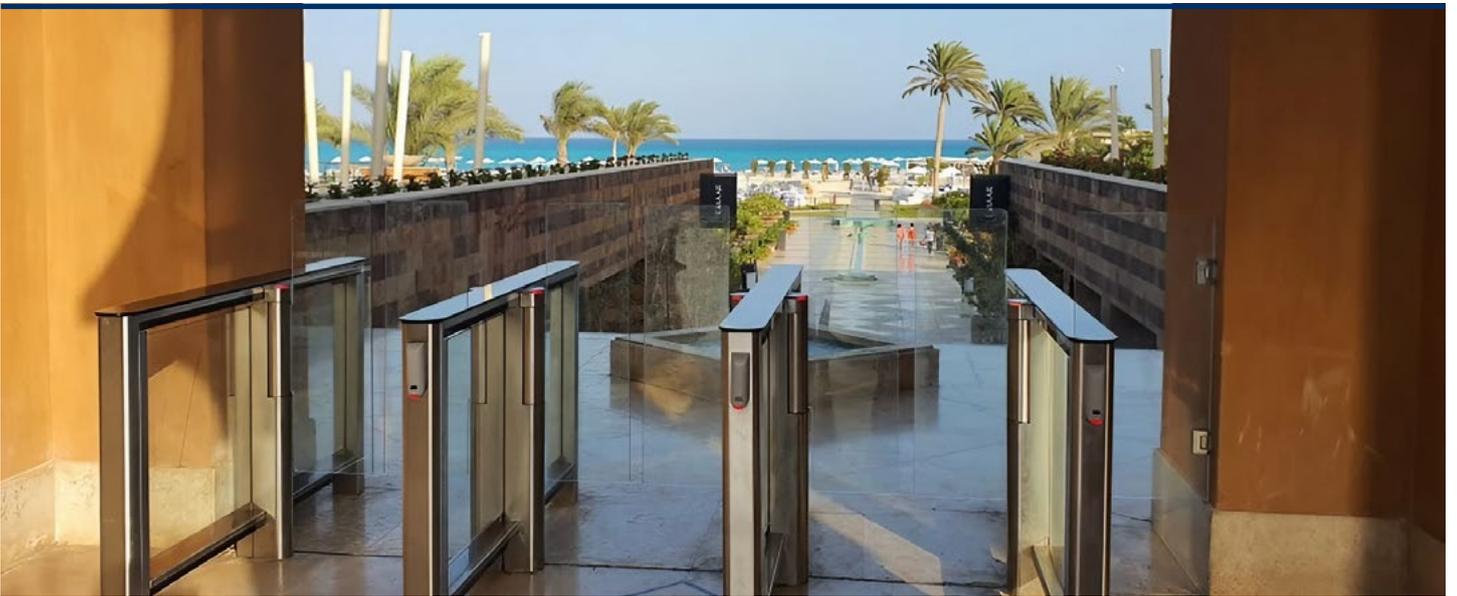
Electromechanical locks



Oil and gas company, Russia



Mashinostroitel Stadium, Russia



Marassi Resort, Egypt



The Royal Abbey of Fontevraud, France



Blue Tower, Dubai, The UAE



Goldman Sachs Bank, India



Be you Gym, the Netherlands



Latécoère company office, Toulouse, France



Jebel Ali port, Dubai, the UAE

PERCo company is a leading Russian manufacturer of security systems and equipment and one of the tops 5 leading manufacturers in the world. PERCo quality is recognized worldwide. PERCo products are sold and installed in 93 countries.



year warranty



countries of sales



years of experience
in the market



technical support



modern manufacturing
plant



training



perco.com