



NOKTOWIZOR

Publication of PCO S.A.

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OVERVIEW OF MAJOR EVENTS IN 2017
AND PLANS FOR 2018

PCO S.A.'S STRATEGIC OBJECTIVES
FOR HUMAN CAPITAL MANAGEMENT

PARTICIPATION OF PCO S.A.
IN SPACE PROGRAMS

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INTRODUCTION



Ladies and Gentlemen,

I have a pleasure to present you with this year's first edition of the 'Noktowizor' magazine published by PCO S.A. since 2007. The current issue provides a summary of last year's developments and an outline of the work planned for 2018.

In this publication, you will find details of our key business objectives, commercial plans and current R&D work.

One of our development objectives is to become involved in space programmes. The 'Development and Innovation' chapter describes three projects that we intend to develop under this programme. The document defines the strategic objectives of PCO S.A. for human capital management and discusses relevant ethical issues which are central to the Company's activity.

As always, the current issue provides an overview of major company events and a list of press releases on PCO S.A.

We invite you to read our magazine and hope you will find the content interesting.

Yours faithfully,
dr Krzysztof Kluza
President of the Board of PCO S.A.

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OVERVIEW OF MAJOR EVENTS IN 2017 AND PLANS FOR 2018

In 2017, the primary concern of PCO S.A. was its involvement in the Modernisation Programme for the Polish Army, which mainly consisted of developing thermal imaging cameras for Leopard II tanks and the unmanned turret for the Rosomak wheeled armoured transporter. The year also saw the continuation of works on the TYTAN Advanced Individual Battle System [Zaawansowany Indywidualny System Walki (ZISW) 'TYTAN']. Throughout the year the activities related to order delivery and research into ways of expanding the Company's offer were carried out.

The benefits of PCO S.A.'s long-term cooperation with the Polish Technological Platform on Photonics (PPTF

Employers Association) include being up-to-date with latest trends in the optoelectronic industry. Last year, PCO S.A. organised a third edition of the Optoelectronic Conference, which again proved to be very successful.

December 2017 saw a change in the Company's Board. The previous President of the Board Ryszard Kardasz and Stanisław Natkański, Board Member and Technical Director, were both dismissed. This was followed by the resignation by Irena Rdzanek from her position as a Board Member and Business Director. Paweł Glica Trade Director, remained in the Board of PCO S.A. Krzysztof Kluza was appointed as President of the Board.

A QUESTION FOR KRZYSZTOF KLUZA, PRESIDENT OF THE BOARD

What are the development prospects for PCO S.A. in 2018?

The company is currently involved in implementing the modernisation programmes for the Polish Armed Forces and will continue these efforts until the end of this year. We're currently working on upgrading (among others) combat vehicles, Leopard 2 tanks, the KRAB howitzer cannon and the RAK self-propelled mortars. This year, we're planning to expand into new areas of the European market. We intend to continue our current cooperation with Ukraine. We're also aware of the increased interest in our products from the EU countries. Our plans for 2018 are to increase the level of investments and intensify current R&D activities. Nearly 10% of our revenue is allocated to research and development on an annual basis. It is our priority to continuously develop products. Accordingly, we've taken steps to increase the resolution standard and the signal detection spectrum of existing cameras, as well as to further develop advanced image processing algorithms. We're also introducing new technology solutions to improve our product parameters.

What are your plans for the R&D work for the current year?

R&D activities are carried out on several levels. In addition to upgrades to existing systems, we are also working to integrate existing solutions such as 360-Degree Monitoring System and cameras equipped with an automatic target tracking system. PCO S.A. is also doing research into ways of introducing space technologies such as optoelectronic equipment for satellites and ground stations. These are long-term plans which fit into the overall project for the construction of a Polish satellite. We are also working to develop innovative technologies such as 3D holographic near-eye displays. This product has a wide range of both military and civilian applications. For example, it

can be used by fire-fighters, flight controllers or health care professionals. The programme is being developed in cooperation with scientific institutes.

What does your cooperation with universities and scientific and research institutes involve?

Our collaboration starts when development work is planned and determined. Last year, a scientific council was established within PCO S.A. composed of representatives from several scientific and research institutions. Its role is to provide expert advice and opinions which facilitates cooperation between PCO S.A. and scientific and government institutions. Most of our joint projects are conducted with the involvement of the Military University of Technology, the Warsaw University of Technology and the AGH University of Science and Technology, but there are also projects that we deliver in cooperation with independent institutes such as WITU or INOS. Such collaborative efforts bring a significant added value to our company. This also applies to further stages of project implementation and delivery.

Another benefit is that universities provide us with recruitment opportunities, which is a key element in the success of an innovative company such as ours. Within the framework of multi-annual cooperation programmes, students are given – already at the learning stage – the opportunity to learn how the company operates and to work on their diploma theses under the guidance of PCO S.A. experts, while the company is provided with means of finding appropriate candidates. This allows us to obtain properly qualified staff with innovative approach.



A QUESTION FOR PAWEŁ GLICA, TRADE DIRECTOR

How do you assess your company performance in 2017 in terms of achieving commercial targets?

Last year, the Company managed to significantly increase its sales both in terms of sales made directly to the Ministry of National Defence and deliveries made to defence companies, as well as export sales.

What are your company's major objectives for 2018 in terms of commercial policy?

We're continuing our last year's efforts in commercial area by further developing our export segment whose value in 2018 is expected to reach three times the level reported in 2017. Our products effectively compete in international markets thanks to their quality and technical sophistication. Our foreign policy is focused on expanding our market coverage by starting operations in NATO countries in Western European, Southeast Asia, Ukraine and the Middle East.

PCO S.A. is constantly expanding its current range of military products, effectively contributing to the implementation of key projects under the Technical Modernisation Plan for the Polish Armed Forces, such as: Upgrading of the Leopard 2A4 tanks, the DMO Krab division fire module, the KMO Rak company fire module, the PZR Piorun anti-aircraft missile system or the PZRA Pilica anti-aircraft missile and artillery system. In addition, we plan to focus on delivering optoelectronic equipment for individual use for the newly formed Territorial Defence Forces.

In terms of product development, we plan to allocate more resources and funds to develop systems and advanced technology solutions for various types of platforms such as combat vehicles, tanks, drones, aircraft or ships. We want to progress even further into system integration in order to extend our activity as a supplier of sensors and start supplying complete systems.

An important step towards achieving our strategic goals, which – however – does not bring immediate benefits, is developing our space activities, in particular with regard to optoelectronic equipment for satellites and ground stations, and increasing civilian sales.

Another important strategic objective is to continuously improve the staff competence and the production capacity of our company. We're facing turbulent times. There is a clear trend towards increasing national defence budgets and spending on public safety. With this in mind, we're expanding our facilities, both in terms of size increase and further purchases of new modern machinery and production lines. However, this is not all. We're also exploring more effective ways of attracting

new employees by offering them attractive career options in high-tech environment.

What is the PCO S.A.'s role in implementing the key projects under the Technical Modernisation Plan for the Polish Armed Forces?

PCO S.A. is involved, among other things, in the modernisation of the T-72 tanks used by the Polish Armed Forces. Our company can operate as a sub-supplier of the following optoelectronic systems, which are configured according to the upgrading option selected by the Contracting Authority:

- 1. PCT-72 – the Periscopic thermal sight or the integration of the PCO-made thermal imaging camera with the fire control system (FCS);*
- 2. GOD-1 the Stabilised commander's optoelectronic system;*
- 3. PNK-72 – Night vision driver's periscope;*
- 4. POD-72 – Day/night commander's observation device or the upgrading of the existing TKN-3 device to the TKN-3Z standard;*
- 5. SSP-1 OBRA-3 – Laser warning system;*
- 6. SOD-1 – Omnidirectional observation system;*
- 7. KDN-1T – Driver's rear view camera (thermal imaging and television).*

Under the agreement between the Armament Inspectorate (Inspektorat Uzbrojenia) at the Ministry of National Defence and the Consortium of PGZ and Zakłady Mechaniczne 'Bumar-Łabędy', PCO S.A. was authorised to supply optoelectronic devices under the upgrading programme designed to adapt Leopard 2A4 tanks to the 2PL standard.

As part of its works to upgrade Leopard 2A4 to the 2PL standard, PCO S.A. delivered prototype thermal imaging cameras in 2017 and started to deliver serial products at the beginning of 2018.

Will the PCO S.A.'s offer for civilian clients be expanded this year?

Currently, we are focusing on increasing our civilian sales of aviation products. We have received EASA (European Aviation Safety Agency) certification for our PNL-3M goggles, which allows us to deliver products to, among others, emergency services or pilot training centres. We have also applied for certification from the American Federal Aviation Administration (FAA).



2018 PLAN FOR R&D WORK

DEVELOPMENT POLICY ON RESEARCH, DEVELOPMENT AND INNOVATION AT PCO S.A.

Author: Andrzej Durka, Development and Implementation Director

PCO S.A.'s research and development activities are closely linked to market trends in customised production. Two major segments can be distinguished for this market which are relevant to the Company's activity:

- a) the market segment for optoelectronic equipment for individual use, which takes into account sales achieved within the three following product groups:
 - night vision equipment for individual soldier;
 - thermal imaging soldier equipment for individual use;
 - night vision equipment for helicopter crews.
- b) the market segment for optoelectronic equipment for combat platforms, with the Ministry of National Defence and Polish defence industry companies as main customers. The sales under this segment are made for the following product groups:
 - thermal imaging cameras for on-board fire control systems;
 - multi-sensor optoelectronic heads with a stabilised line-of-sight sighting system;
 - on-board observation and sighting systems;
 - laser radiation warning systems;
 - laser rangefinders;
 - on-board night vision periscopes;
 - on-board flight parameters display systems.

The Company's strategic objective relating to research and development is to develop own thermal imaging capacity.

The R&D activity carried out by the Company is a continuous process whose primary objective is to meet the market demand for customised production, with particular emphasis on:

- developing and putting into production modern products that meet the expectations of a prospective Contracting Authority; on average, 2–3 products are annually put into production. However, the year 2017

was exceptional: five new or thoroughly upgraded products were put into production, including: a thermal imaging sight, a thermal imaging sight for anti-aircraft systems, a 360-degree monitoring system, a thermal imaging camera and a television camera;

- acquiring new technologies for use in the production process, both for new and current products. As part of its efforts to acquire new technologies, PCO S.A. established technological procedures for manufacture of optical (diffractive) elements, product assembly using 'clean rooms' and upgrading the thin layers laboratory through the following means: acquisition of a new vacuum apparatus or ultrasonic cleaner for optical elements, creation of 'clean rooms'.

Taking into account the PCO S.A.'s sales plan, the following priority objectives were established for R&D activities in 2018:

- carrying out tasks under the TYTAN Integrated Individual Battle System (ZISW TYTAN) such as ZISW TYTAN qualification tests, including the elements developed and made by PCO SA: a laser illuminator, a helmet-mounted display, a thermal imaging sight, a universal monocular, a flashlight, a collimator sight and a collimator sight for grenade launchers;
- putting into production the products intended for use in the upgrading of the Leopard 2A4 tank to the 2PL standard, including: a thermal imaging camera for the gunner, a thermal imaging device module for tank commanders and a thermal imaging and television camera system for tank drivers;
- preparatory works for the putting into production of new observation and sighting devices for the Remotely Operated Turret System, including: an observation and sighting device for the gunner, an observation and sighting device for the tank commander and an emergency day sight;
- putting into production of an observation and tracking module for the PILICA anti-aircraft missile and artillery system.

PCO S.A.'S PARTICIPATION IN DOMESTIC AND INTERNATIONAL FAIRS, CONFERENCES AND EXHIBITIONS IN 2018*



*as at: 26th march 2018



OPTOELECTRONIC CONFERENCE

Please reserve the date for the:

4th Edition of the Optoelectronic Conference

which will be held on:

14-15th of November 2018

at the Windsor Hotel in Serock.

Organiser of the Conference – PCO S.A.



With support of the: Military University
of Technology in Warsaw,
Employers' Union of the Polish
Technological Platform on Photonics
and Warsaw University of Technology



PPTF



www.optoelektroniczna.pl

DEVELOPMENT AND INNOVATION

PCO S.A.'S NEW PROJECTS

Author: Business Development Department

In line with its development strategy, PCO S.A. is looking for products and services designed for civilian use. However, due to the specific nature of the defence industry, PCO is oriented towards non-commercial and unconventional projects that require a certain level of knowledge and expertise.

PCO S.A. is a company ready to undertake interesting and ambitious tasks which, on the one hand, may result in high-tech products and, on the other hand, provide means of fully developing existing technologies, staff skills and qualifications with a view to strengthening the company's competitive position on the global market in terms of product quality.

This can be achieved by getting involved in projects where PCO products are used in space programmes or as components of the satellite systems for observing the universe, the Sun and the Earth.

Space programmes are of particular benefit to PCO, since they allow its participants – in line with the EU and the ESA (European Space Agency) policy on the promotion of international cooperation – priority access to funding for space projects, thus facilitating cooperation with leading global companies.

As part of such global cooperation, PCO is currently implementing two programmes:

- 'Compact Infrared Earth Observation System' (CIROP);
- PROBA-3 – Coronagraph.

The **CIROP project** is implemented under the ESA's Polish Industry Incentive Scheme.

The aim of the project is to investigate possible ways of and develop a conceptual model for interaction between the two infrared Earth observation systems owned by an Italian company and a Dutch company. The necessary works include developing interfaces between the systems that would lead to their integration and, consequently, improved use of their Earth-observing capacities. One of the solutions designed to improve the system efficiency is to eliminate the observation areas covered by clouds and reduce the volume of any redundant information transmitted.

The project will be completed within eight months and fully financed by the ESA. After completing the conceptual phase and submitting the results to the European Space Agency, PCO will seek to enter the second phase which involves developing a technology demonstration.

PROBA-3 is a project commissioned by the European Space Agency (ESA) and implemented under the agreement with the Centre Spatial de Liège – Université de Liège (CSL). The aim of the project is to prove formation flying technologies by demonstrating that two satellites can move as one single object. The paired satellites will form together a coronagraph in a large-scale science experiment to study the Sun's corona, with one of them covering the solar disk so that the other can observe the solar corona. There must be a relative movement between the satellites orbiting around the Earth. The experience gained during the project may be used for further ESA projects.

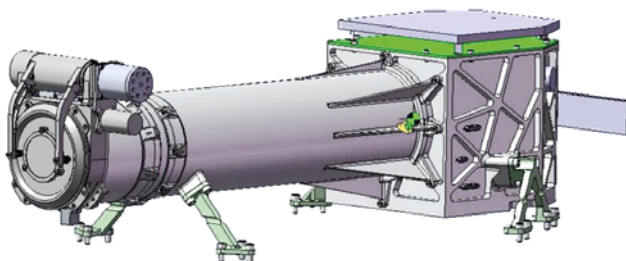


source: www.esa.int

PCO S.A. is responsible for the following Baffle and Structure set.

Within the project, PCO is a subcontractor for the mechanical parts of the coronagraph for the PROBA-3 satellite, in line with the design and documentation developed by CSL. Due to variable operating conditions, the development of an appropriate technology and the construction of a device case is a major challenge for the company which must be addressed in order for the mission to be successful.

CSL is responsible for the design, while PCO is required to provide relevant technical documentation and finished components.





When implementing the project, PCO will have the opportunity to verify its professional competence, available technology and work organisation rules against those of the companies from the space sector. The project will allow PCO to achieve the competence necessary to successfully establish cooperation with the European companies from the space sector.

With its HANEDA (Holographic Near-Eye Display) project, PCO SA has entered the era of augmented holographic reality – HAR technology. Most of us have already come into contact with virtual reality goggles which allow access to virtual game world or three-dimensional images.

Another step forward is a system of augmented reality in which computer-generated images are superimposed on existing images. Such systems consist of displays which allow for simultaneous viewing of real and virtual images.

These include the holographic goggles developed by the Consortium of PCO S.A. and the Warsaw University of Technology in cooperation with the foreign research partner – Chiba University from Japan.

The long-term objective is to obtain a range of holographic goggle products for observation or remote control systems, as well as systems designed to monitor human psychological and physical condition, as well as medical equipment (diagnostic and rehabilitation).

The HANEDA project received funding under the Team Tech programme organised by the Foundation for Polish Science (FNP) from the European Regional Development Fund under the 2014–2020 Smart Growth Operational Programme (SG OP), Priority Axis IV: Increasing the research potential, Measure 4.4: Increasing the human potential in R&D sector.

The project involves the recruitment and training for PCO S.A. of the engineering and scientific staff with the necessary expertise in the area of holographic design and production.

MANAGEMENT POLICY

PCO S.A.'S STRATEGIC OBJECTIVES FOR HUMAN CAPITAL MANAGEMENT

Author: Ewa Towerska – Manager for Professional Development OHS, Edyta Kłos-Łazowska – HR Section

Ensuring that Company's management staff and employees are able to meet its strategic objectives is one of the Company Board's top priorities. This is achieved by im-

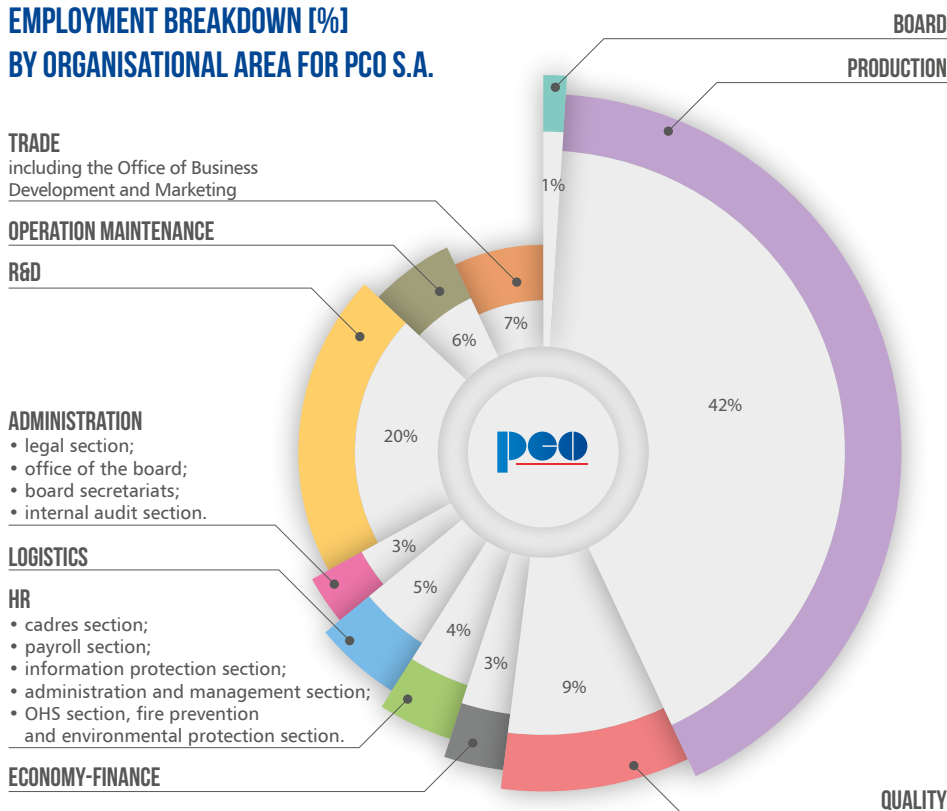
proving work efficiency, recruiting new staff and developing their professional competence.

1. Employment

Based on the results of staff assessment in terms of age and full-time structure, a generation gap could be avoided for another five years, if the PCO S.A.'s current employment structure is maintained in subsequent years.

The proven procedures in place for staff recruitment and professional competence development will safeguard the company against the risk of competency gap over the next five years.

EMPLOYMENT BREAKDOWN [%] BY ORGANISATIONAL AREA FOR PCO S.A.



2. Work efficiency

The work efficiency of the company's management staff and employees is being improved using the IT system designed to improve staff work efficiency, developed in 2017 and put into operation in 2018.

The assessment system for work efficiency covers all Company employees (except for physical workers in production departments), allows supervisors to assess the level of performance and professional competence of their subordinates and employees to carry out self-assessment once a year and assess the performance of their co-workers.

The system has a module for descriptive and quantitative assessment of staff performance and a competence assessment function. In 2019, the IT system will also be used for training registration and planning.

By implementing the work efficiency assessment system the Company will be able to annually record and compile a list of achievements at work for managers and employees and plan its activities for the next year. Such assessment is useful in calculating the value of the work efforts and labour costs for a manager and his team, including for each employee individually. An assessment of work efficiency can also be used to learn about the training needs or development potential of the company

staff, as well as their attitudes and skills necessary to recognise the opportunities and threats associated with their position within the company.

It also contributes to improved communication within the company in terms of clarifying and integrating the Company's strategy with existing management systems, as well as monitoring and verifying the effects of strategic actions taken by executives and employees.

3. Staff recruitment



In the area of human capital management, the Company continues its efforts to recruit graduates from universities and vocational schools for employment with PCO S.A.

The Company has a student programme in place which allows students or graduates from technical universities to attend internships or graduate apprenticeships and write engineer's, master's or MSc thesis relating to the Company's business profile.

The Company has for many years taken part in job fairs organised by technical universities for recruitment of young staff.

In 2017, we attended job fairs at the Warsaw University of Technology and the Wrocław University of Science and Technology.

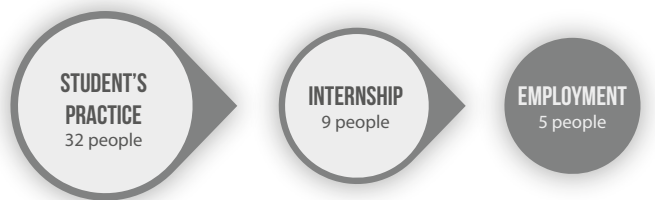
In 2017, 32 school pupils and students completed their internship courses, the majority of which came from the Faculty of Physics at Warsaw University of Technology, the Military University of Technology (2 students from

the Faculty of Mechatronics and Aviation) and from the Wrocław University of Science and Technology (2 students from the Faculty of Fundamental Problems of Technology).

Three-month apprenticeships in R&D and marketing divisions were organised for nine university students.

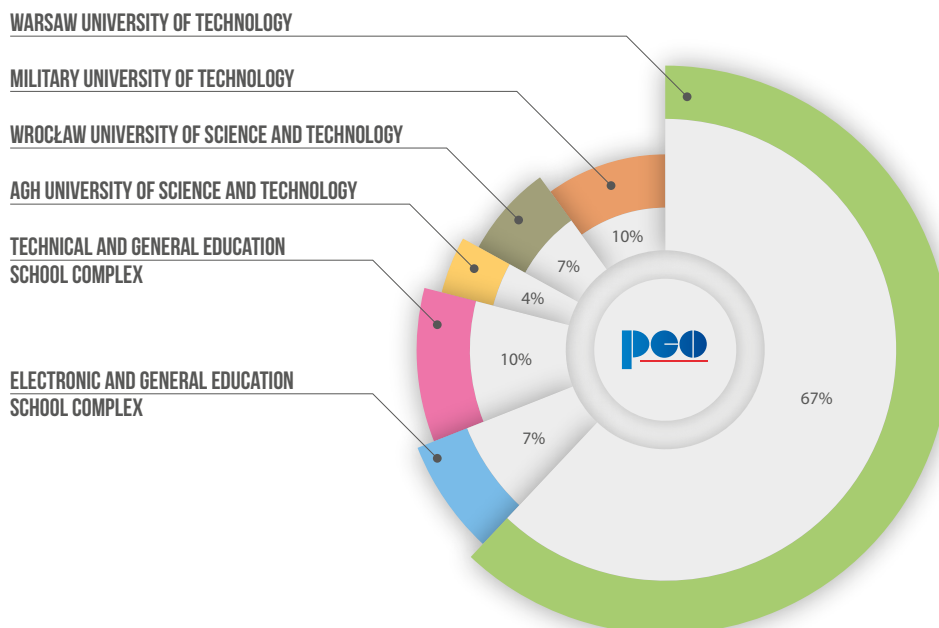
Last year, five students defended their diploma thesis with assistance from PCO S.A. staff.

Under the student programme, five students/graduates found work in R&D and marketing divisions.



The students of Mechanical Engineering Secondary School No. 7, in consultation with Jan Kiliński Secondary

PRACTICE 2017 - UNIVERSITY STUDENTS



School Complex No. 31 in Warsaw, have been attending classes held at PCO S.A since September 2017.

This shows that the Company has adopted a dual education system, also known as an alternate or two-track system, which involves the provision of practical vocational training by the employer and the provision of theoretical and general training within the school framework or as part of out-of-school activities. This system has been widely applied in Germany, Austria, Switzerland, Norway and France, while in Poland it has successfully been used in the past, e.g. in the form of company schools and school workshops.

The aim of the existing collaboration between PCO S.A. and the School is to maintain high economic growth in Warsaw metropolis and make use of EU funds earmarked for investments in education. The system is also intended to meet the increasing demand for medium-level

technical staff and, consequently, provide professional development opportunities in the area of optics and mechanics.

Such cooperation enables PCO S.A. to counter any shortage of young, qualified employees in production departments, whereas the School and its students may benefit from improved quality and attendance levels in vocational training, as well as increased employment opportunities.

The Company's success is driven by its personnel management policy (applied for several years) which is focused on developing professional competence and recruiting young and committed staff, maintaining long-term cooperation with universities and institutes with a view to recruiting a new generation of employees for R&D and production departments, and ensuring that employees nearing retirement are replaced with younger staff with no disruption to the Company's activities.

ETHICS AT PCO S.A.

Author: Aleksandra Celer, Head of Communication and PR

PCO S.A., which forms part of PGZ S.A., adheres to the principles stated in the Code of Ethics adopted by the PGZ Group and the principle of 'zero tolerance for corruption'. The 'PGZ S.A.'s Code of Ethics' was implemented at PCO S.A. in 2017.

In 2013, the Company introduced 'Code of Ethics of PCO S.A.'

The aim of the Code of Ethics is to develop high standards of conduct, in particular those relating to work culture both inside and outside the company. The Code supports the Company's efforts to become a more reliable and credible business partner and employer.

Compliance with the Code of Ethics is a key element in ensuring the success of the Company. It helps to build mutual trust and ensure the transparency of the Company staff operations and business environment. Due to having an established set of ethical procedures, the Company is considered to be more reliable and credible by its employees, partners and customers. This is of particular value in today's constantly changing environment.

The principles of ethical business conduct and zero tolerance for corruption are the key elements of the ethical and anti-corruption policy adopted by PGZ S.A.



PCO S.A. is working within PGZ S.A. to develop and implement a set of ethical procedures in three key areas:

- building awareness of the role and importance of ethical behaviour in business environment;
- identifying threats, their types and the conditions under which they arise, investigating the origins and causes of corruptive practices and any violations of ethical principles;
- responding to identified breaches of applicable ethical standards and anti-corruption policies.

In addition to the PGZ S.A. Code of Ethics currently in place, the Company has adopted a number of rules and procedures to define such standards of conduct as anti-corruption and anti-mobbing policies.

SZLACHETNA PACZKA

In December 2017, PCO S.A. – for the fifth time – took part in the ‘Szlachetna Paczka’ (‘Noble Package’ campaign. PCO S.A. staff provided much needed assistance to a single mother with two children. The family received food, cleaning products, furniture, school supplies, toys, clothes and coal for winter heating. One of her children who required medical treatment was given free access to medical services and medicines.

Every year, PCO S.A. employees engage in charity activities in support of the ‘Szlachetna Paczka’ campaign. The campaign is carried out in line with the ‘Kodeks Mądrego Pomagania’ (Targeted Assistance Code) which provides guidelines on how to help those in need effectively. PCO S.A. seeks to support educational projects and charity events that bring actual benefits to people in need.

‘Szlachetna Paczka’ is a nationwide charity campaign which brings Poles together in a joint effort to help the needy since 2001.



OVERVIEW OF MAJOR EVENTS

SEPTEMBER 2017 – FEBRUARY 2018

ZMTK AGREEMENT

8TH FEBRUARY 2018

The agreement between PCO S.A. and the 2. Regionalna Baza Logistyczna (2nd Regional Logistics Base) in Warsaw was signed on 8th February this year. Under the agreement, PCO S.A. is required to supply eight (with the option of additional five) Thermal Imaging Camera Upgrade Kits for the PT-91 tanks equipped with the SKO-1T Drawa fire control system. The deliveries are to be made by the end of October 2018.

Each Thermal Imaging Camera Upgrade Kit consists of: an adapter that provides mechanical connection between the KLW-1 thermal imaging camera and the periscope head of the SKO Drawa-T gunner's sight, the KLW-1 Asteria thermal imaging camera, a display of the gunner's sight, a screen of the gunner's sight, a multi-functional monitor and a set of cables.

CHRISTMAS EVENT

14TH DECEMBER 2017

A Christmas meeting for PCO S.A. employees was held on 14th December 2017. The former President of the Board, Ryszard Kardasz opened the meeting by wishing all employees and invited guests a Merry Christmas and Happy New Year. Priest Col. Piotr Kowalczyk attended the meeting on behalf of the Polish Army Field Bishop Józef Guzdek to give blessings to those present.

The event featured a musical performance from the Miss Sound band who presented their Christmas repertoire, encouraging those present to join them in carol singing.

As in previous years, a prize was given to the winner of a Christmas competition and the results of the 'Szlachetna Paczka' campaign were announced. Commercial Director Paweł Glica was presented with an Archangel Michael



statuette which he had previously won at the charity auction organised to help the family selected during the 'Szlachetna Paczka' campaign.



3RD OPTOELECTRONIC CONFERENCE

8–9TH NOVEMBER 2017

On 8–9th October 2017, the 3rd Optoelectronic Conference was held in Jachranka.

The event was organised by PCO S.A. in cooperation with the Polish Technological Platform on Photonics, Warsaw University of Technology and the Military University of Technology. It was held under the auspices of the Ministry of Science and Higher Education and the Secretary of State at the Ministry of National Defence – Bartosz Kownacki. The main theme of the event was ‘Optoelectronics as an important element of the State’s sustainable development strategy’ (“Optoelektronika ważnym elementem strategii zrównoważonego rozwoju Państwa”).

The conference was mainly concerned with the future development of Polish optoelectronics and addressing the needs of the Polish Army in terms of equipment upgrades. The domestic optoelectronic industry is faced with the challenge of starting domestic production of key components such as image intensifiers or infrared detectors, which are currently being ordered from foreign suppliers.

The Conference was attended by representatives of the defence industry, the Polish Army and scientific organisations. It was accompanied by an exhibition of optoelectronic products. The PCO company put the following products on display: the SCT Rubin thermal imaging sight, the PNL2-ADM Szpak night vision goggles, the PNL-4 Orlik air night vision goggles, the MU3-ADM night vision goggles, the GOD-1 Iris stabilised optoelectronic head and the K LW-1 Asteria thermal imaging camera.

The Conference showcased Poland’s latest scientific and industrial achievements in optoelectronics and provided information on the current needs of the Polish Army. The



Conference featured a discussion panel on ‘The challenges faced by the optoelectronic industry in the context of current threats to national and global security’ (“Wyzwania dla optoelektroniki wobec współczesnych zagrożeń bezpieczeństwa Polski i świata”). During the panel discussions, the participants had the opportunity to share their experiences and take a broader look at optoelectronics.



25TH MSPO IN KIELCE

5–8TH SEPTEMBER 2017

PCO S.A. showcased its products at the 25th International Defence Industry Exhibition (MSPO) held from 5–8th September in 2017 in Kielce.

The PCO S.A. exhibition stand was located in the same hall as those of the companies from Polska Grupa Zbrojeniowa. The items on display included a 360-Degree Monitoring System fitted with television and thermal imaging cameras. It was available for viewing both as an item on the exhibition stand and as a vehicle-mounted product – on the RAK self-propelled mortar and the PT-91M2 tank equipped with the SSP-1 OBRA-3 vehicle self-protection system. PCO S.A.'s optoelectronic heads mounted on the PT-17 tank were also available for viewing. The products on display included a whole range of daytime and thermal imaging cameras, including the set of devices used in the POPRAD anti-aircraft system. The helmet-mounted PNL-4M aviator's night vision goggles were also on display on the exhibition stand. The sights mounted on the MSBS assault rifles such as SCT Rubin thermal imaging sight and a modular day sight were also exhibited. Another item on display was the MU-3ADM night vision goggles whose assembly procedures had been revised to take account of user comments. The exhibition also featured the NPL-1T thermal imaging binoculars.

In addition, the PCO S.A.'s products designed for individual soldiers were exhibited during a demonstration of complete sets of equipment by a group of soldiers from Territorial Defence Forces.

On 6th September 2017, at the MSPO exhibition in Kielce, PCO signed a contract with the Armament Inspectorate (Inspektorat Uzbrojenia) for the supply of several hundred sets of the MU-3ADM night vision goggles and the NPL-1M night vision binoculars for the Polish Army. These optoelectronic devices are intended for use by, among others, territorial defence forces. The contract was signed by the former President of the Board Ryszard Kardasz on behalf of PCO S.A. and Col. Dariusz Pluta, Chief of the Armament Inspectorate, on behalf of the Armament Inspectorate.

Bartosz Kownacki, former Secretary of State at the Ministry of National Defence, was present during the signing of the contract. He stressed how important it was for the Polish Army to use modern domestic products designed to meet the highest international standards.

The NPL-1M night vision binoculars BROM is a compact and lightweight device (weighs about 800 g) which allows long distance viewing in poor visibility conditions and at night. It comes with three-fold magnification. It can operate for up to 20 hours on a single battery. The MU-3ADM night vision goggles allow for landscape viewing under natural lighting conditions and at night, as well as in complete darkness over a distance of up to 20 metres. Such



devices are already being used by the Land Forces, the Special Forces and the Police Task Force. The goggles are made up of two MU-3AM monoculars mounted on the helmet or directly on the head with a harness. They can be easily controlled by being pushed to the side or upwards. The device is waterproof and can operate for up to 20 hours on a single battery.

The 25th International Defence Industry Exhibition in Kielce concluded with an official ceremony for DEFENDER awards. PCO S.A. received the award for its set of cameras for the POPRAD anti-aircraft system and a prize from the Commander of the Territorial Defence Forces for its DCM-1 modular day sight 'Szafir'. The Company was also given a statuette to celebrate the 25th anniversary of the MSPO.

FAIRS AND CONFERENCES ATTENDED BY PCO S.A., IMPORTANT VISITS TO COMPANY'S HEADQUARTERS

SEPTEMBER 2017 – FEBRUARY 2018

HAI HELI – EXPO

27TH FEBRUARY – 1ST MARCH 2018

PCO S.A. exhibited its PNL-3M air night vision goggles at the HAI Heli-Expo held from 27th February to 1st March 2018 in Las Vegas (USA). The goggles are intended for use in civilian helicopters, have already received certifica-

tion from the European Aviation Safety Agency and are in the process of obtaining certification from the American Federal Aviation Administration. The fair showcases products and services from the helicopter industry.

WARSAW UNIVERSITY STUDENTS VISIT

13TH FEBRUARY 2018

On 13th February 2018, the students from the optic and photonics science club at Warsaw University visited the PCO S.A. headquarters. They were taken on a tour of the Company's key departments led by a PCO representative.



The students were given the opportunity to witness all stages of the production process and test the performance of thermal imaging and night vision sights in an optoelectronic tunnel.

DELEGATION FROM PAKISTAN

31ST JANUARY 2018

On 31st January 2018, a delegation from the Pakistani military aviation industry visited the PCO S.A. headquarters. The visitors watched a multimedia presentation prepared by PGZ and PCO and were shown the Company's latest products.



SOLDIERS FROM THE GARRISON COMMAND VISIT PCO S.A.

7TH DECEMBER 2017

On 7th December 2017, the soldiers from the Warsaw Garrison Command visited the headquarters of PCO S.A. The aim of their visit was to learn how to operate the optoelectronic equipment produced by the company. The soldiers were shown how to use (among others) the SCT RUBIN thermal imaging sight and the MU-3ADM night vision goggles. The guests were also taken on a tour of the plant's production departments and the test station to learn about product testing and quality standards.



DELEGATION FROM PAKISTAN

28TH NOVEMBER 2017

A delegation from Heavy Industries Taxila (HIT) visited the PCO S.A. headquarters on 28th November 2017. It was led by Lieutenant-General Muhammad Naem Ashraf. The visitors met with the representatives of PCO S.A. and Polska Grupa Zbrojeniowa to discuss military and defence issues. They watched a presentation about the Group's activities and PCO S.A.

The HIT is a Pakistani organisation bringing together major defence industry plants. It produces, upgrades and develops the equipment used by the Pakistani army.



INSEC 2017

15–16TH NOVEMBER 2017

The International Exhibition and Conference on Border Security and Internal Security (InSec 2017) was held on 15-16th November 2017 in Warsaw under the auspices of the Minister for the Interior and Administration and the Chairman of the Administration and Internal Affairs

Committee of the Sejm. One of its main themes was the modernisation of uniformed services. The conference featured an exhibition of products made by companies from Polska Grupa Zbrojeniowa, including PCO S.A.

EXHIBITION AT WARSAW CHOPIN (OKĘCIE) AIRPORT

15TH NOVEMBER 2017

On 15th November 2017, the Minister of National Defence gave a press conference at Warsaw Chopin Airport demonstrating the equipment produced by companies from Polska Grupa Zbrojeniowa. The following products were shown to the public: the PNL-4 Orlik

aviator's night vision goggles, the PNL-2ADM Szpak and MU-3ADM night vision goggles, the MU-3M Koliber night vision monocular and the SCT Rubin thermal imaging sight.

'BORDERS' CONFERENCE

25–27TH OCTOBER 2017

On 25–27th October 2017, the city of Lublin hosted a conference entitled 'Eastern Conference and Border Protection Fair' ('Borders Conference'). The theme of the event was border security on the eastern flank of the

European Union. The companies specialising in products for border services exhibited their products. The items on display included the night vision and thermal imaging products from PCO S.A.

7TH WARSAW DAYS OF TECHNOLOGY

20TH OCTOBER 2017

On 20th October 2017, PCO S.A. took part in the 7th Warsaw Days of Technology ("VII Warszawskie Dni Techniki") organised by the Warsaw University of Technology, the Polish Federation of Engineering Associations (FSNT-NOT) and the Warsaw Branch of the Polish Society of Mechanical Engineers and Mechanical (SIMP). The purpose of the Warsaw Days of Technology is to encourage students to study at technical universities and promote Polish achievements in technical science. This year, the participants were invited to visit the headquarters of PCO S.A. They were taken on a tour of the company's production departments and given a demonstration of night vision and thermal imaging equipment at an optoelectronic tunnel. The participants of the Warsaw Days of Technology were also instructed on how to use the MU-3M Koliber night vision monocular and the SCT Rubin thermal imaging sight.



ADEX 2017

17–20TH OCTOBER 2017

On 17–20th October 2017, the ADEX 2017 arms fairs were held in Seoul, South Korea. It was attended by 386 exhibitors from 32 countries, including Polska Grupa Zbrojeniowa (PGZ). Among the products put on display

on the PGZ's stand were those manufactured by PCO S.A.: the SCT Rubin thermal imaging sight, the MU-3M Koliber night vision monocular and the NPL-1T thermal imaging binoculars.

1ST INTERNATIONAL SYMPOSIUM IN SAUDI ARABIA

15–19TH OCTOBER 2017

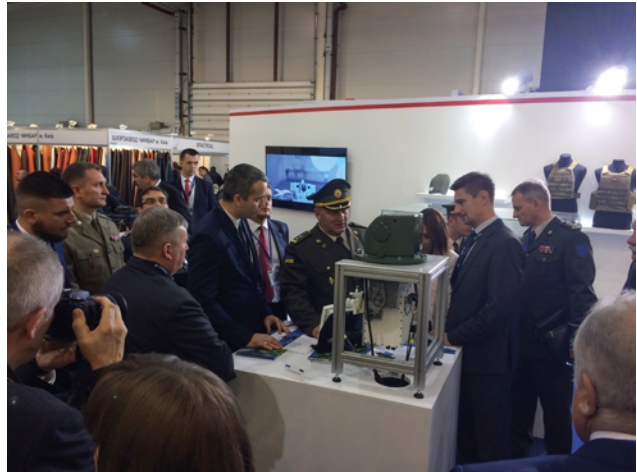
PCO S.A. took part in the 1st International Symposium on Land and Maritime Border Security and Safety organised by the Saudi Border Guard, held from 15th to 19th October in Jeddah, Kingdom of Saudi Arabia. PCO S.A. presented its new night vision and thermal imaging products based on the latest European optoelectronic technology, intended for use by Border Guard officers. The products on display included the PNL-4 Orlik aviator's night vision goggles and the MU-3ADM night vision goggles.



ARMS & SECURITY EXHIBITION

10–13TH OCTOBER 2017

On 10–13th October 2017, PCO S.A. showcased its products at Ukraine's largest arms fairs: Arms & Security. The companies from Polska Grupa Zbrojeniowa had a joint stand, which provided a platform for a display of such products as the PNL-4 Orlik aviator's night vision goggles, the MU-3M Koliber night vision monocular, the PCT-72 periscope thermal imaging sight and thermal imaging cameras. Ukrainian participants and visitors from other countries showed great interest in PCO S.A.'s products.



HELITECH 2017

3–5TH OCTOBER 2017

On 3–5th October 2017, the HELITECH fairs were held in London showcasing the products from the companies specialising in equipment for military and civil helicopter users. PCO S.A. displayed its PNL-3M air night vision goggles for civil applications which had been certified by the European Aviation Safety Agency (EASA).



CONFERENCE ON THERMOGRAPHY AND THERMOMETRY IN INFRARED

27–29TH SEPTEMBER 2017

On 27–29th September 2017, a PCO S.A. representative attended a conference entitled 'Infrared Thermography and Thermometry in Infrared' („Konferencja Termowizja i Termometria w Podczerwieni”), which was held in Ustroń. The event was organised by Lodz University of Technology. The conference brought together representatives from universities, scientific institutes and the thermal

imaging industry. The conference provided a historical background and an overview of the progress achieved in the Polish research on the use of thermal imaging technology. The products obtained as a result of the research and development work conducted by the Polish industry and the relevant research institutes and universities were shown to those present.

'DRAGON-17' MILITARY MANEUVERS

21ST SEPTEMBER 2017

On 21st September 2017, Centrum Szkolenia Wojsk Lądowych Drawsko (Land Forces Training Centre) hosted a celebration of the Distinguished Visitor Day as part of the 'Dragon-17' military tactical exercise. Among those in attendance were Deputy Minister of National Defence, Secretary of State Michał Dworczyk, Major General Jarosław Mika – General Services Commander, Stanisław Czosnek – Commander of the 11th Lubuska Armoured Cavalry Division, and many others. The event participants had the opportunity to watch a dynamic presentation showing the combat capabilities of military sub-divisions and a demonstration of military equipment. Among the products shown by PCO S.A. were the following: the SCT Rubin thermal imaging sight, the DCM-1 Szafir modular day sight, the PNL-2ADM Szpak night vision goggles, the



MU-3ADM night vision goggles and the PNL-3M aviator's night vision goggles.

TARGI DSEI

12–15TH SEPTEMBER 2017

PCO S.A. showcased its products at the DSEI event in London on 12–15th September 2017. The following products were on display on the Polska Grupa Zbrojeniowa's stand: the MU-3M Koliber night vision monocular, the SCT Rubin thermal imag-

ing sight and the PNL-3M aviator's night vision goggles. DSEI is Europe's largest defence industry trade fair bringing together the world's leading manufacturers and providers of security-related products and services.

AWARDS AND DISTINCTIONS

SEPTEMBER 2017 – FEBRUARY 2018

AMBASSADOR OF THE POLISH ECONOMY

25TH SEPTEMBER 2017



On 25th September 2017, a Business Center Club gala ceremony was held in Warsaw for the Ambassador of the Polish Economy Awards to recognise the companies which

promote Poland internationally. PCO S.A. received the award in the category of 'Creator of the 21st century solutions' („Kreator rozwiązań XXI wieku”).

AWARDS FOR PCO S.A. AT THE MSPO EXHIBITION IN KIELCE

8TH SEPTEMBER 2017

On the last day of the MSPO exhibition in Kielce (8th September 2017), PCO received the DEFENDER Award for its set of cameras for the POPRAD anti-aircraft system and a prize from the Commander of the Territorial Defence Forces for its DCM-1 SZAFIR modular day sight, as well as a statuette to celebrate the 25th anniversary of the MSPO.



MEDIA ABOUT US

SEPTEMBER 2017 – FEBRUARY 2018



Defence24

Bezpieczeństwo Wojsko Przemysł

PCO's President of the Board: we plan to expand into new areas. Expansion into military and civilian markets („Prezes PCO: planujemy prowadzenie prac w nowych obszarach. Na rynki wojskowe i cywilne”)
Defence24 portal, 21st Feb 2018

An interview with Krzysztof Kluza, PCO S.A.'s President of the Board, conducted by Defence24.

Defence24

Bezpieczeństwo Wojsko Przemysł

PCO thermal imaging for PT-91 tanks („Termowizja z PCO dla Twardych”)
Defence24 portal, 14th Feb 2018

A press release on the agreement concluded between PCO S.A. and 2. Regionalna Baza Logistyczna in Warsaw concerning the supply of eight Thermal Imaging Camera Upgrade Kits (ZMKTs) for the Polish army. The agreement also provides for the supply of additional five kits. ZMKT deliveries are to be made by the end of October 2018.



Agreement for the delivery of additional ZMKT kits („Umowa na kolejne komplety ZMKT”)
Media Research and Analysis Team, 10th Feb 2018

A press release on the agreement between 2. Regionalna Baza Logistyczna in Warsaw and PCO S.A., signed on 8th February this year, concerning the delivery of another batch of Thermal Imaging Camera Upgrade Kits for the PT-91 tanks equipped with the SKO-1T Drawa fire control system. Under the agreement, PCO S.A. is required to supply eight ZMKT kits.

Defence24

Bezpieczeństwo Wojsko Przemysł

Upgrades to T-72 tanks („Polska modernizacja T-72”)
Defence24.pl portal, 23rd Jan 2018
Author: Marek Dąbrowski

The author describes a set of upgrading measures for T-72M1 and PT-91 Twardy tanks, prepared by companies from Polska Grupa Zbrojeniowa (including PCO S.A.). The tanks are to be equipped with the Omnidirectional Observation System (SOD) featuring television and thermal imaging cameras for daytime and night use, the KLW-1 Asteria thermal imaging camera and a Thermal Imaging Camera Upgrade Kit (ZMTK) – all of which are produced by PCO S.A.

Defence24

Bezpieczeństwo Wojsko Przemysł

PCO ready to upgrade Leopards tanks („PCO gotowe do modernizacji Leopardów”)
Defence24.pl portal, 4th Jan 2018
Author: Jakub Palowski

A press release stating that PCO S.A. has put in place the necessary systems and procedures to operate, repair and upgrade the observation devices used by commanders of Leopard 2A4 tanks, adapted to the Leopard 2PL standard. In December 2017, the last piece of STTE (Special Tools and Test Equipment) was approved for use at the Company. In the presence of representatives from Zakłady Mechaniczne Bumar-Łabędy and the 4th Regional Logistics Base, the company was officially recognised as having the necessary capacity in place to upgrade, operate or repair the PERI R17 observation systems used by tank commanders to view objects or landscapes, regardless of turret rotation. As part of the upgrading process, the KLW-1P Asteria thermal imaging cameras produced by PCO S.A. will be fitted to the PERI R17 systems. This will allow Leopard tanks to operate in hunter-killer mode in all weather conditions and at night.



PCO is ready to upgrade Leopards tanks („PCO gotowe do modernizacji Leopardów”)
Special Ops Magazine, 3rd Jan 2018

A press release on the final acceptance of the complete set of STTE (Special Tools and Test Equipment) as part of the process of putting in place the necessary maintenance systems and procedures for Leopard tanks and recognising the company as having the necessary capacity to upgrade, service and repair the PERI R17 observation devices for tank commanders. This project was launched following the signing (on 28th December 2015) of an agreement to upgrade the Leopard tanks used by the Polish Armed Forces.



PCO is now able to upgrade Leopard tanks („PCO może już modernizować Leopardy”)
Wirtualny Nowy Przemysł, 27th December 2017

A press release on the final acceptance of the last piece of STTE (Special Tools and Test Equipment) as part of the process of putting in place the necessary capacity to maintain Leopard tanks. After two years of preparations, the PCO S.A. plant was formally recognised as having the necessary capacity to operate and repair the optoelectronic devices for the 2A4/2A5/2PL Leopard tanks available to the Polish Armed Forces.

PCO S.A. employees once again support "Szlachetna Paczka" („Pracownicy PCO S.A. po raz kolejny wspierają Szlachetną Paczkę")
Onet.pl, 8th Dec 2017

A press report on the PCO S.A.'s involvement in the annual "Szlachetna Paczka" campaign. As in previous years, the Company and its employees became involved in efforts to help those in need by seeking to meet the basic needs of a family from Mazowieckie Province.

Polska Zbrojna

Green light for Pilica („Zielone światło dla Pilicy")
„Polska Zbrojna", 7th Dec 2017, Author: Krzysztof Wilewski

The author reports that the Armament Inspectorate (Inspektorat Uzbrojenia) at the Ministry of National Defence has approved of the technical documentation on the new PILICA anti-aircraft missile and artillery system. This means that companies belonging to Polska Grupa Zbrojeniowa, including PCO S.A., can now start their production activities. The Polish Army ordered six batteries for this system.

Defence24

Bezpieczeństwo Wojsko Przemysł

Border Guard in 'night mode'. Need for the cross-ministerial programme („Straż Graniczna w „trybie nocnym". Potrzebny ponadresortowy program")
Defence24.pl portal, 14th Nov 2017, Author: Maksymilian Dura

The article examines the current situation of the Border Guard which, despite having obsolete equipment (especially for night observation), is not allowed access to best possible equipment options from domestic producers. PCO S.A. did not take part in the announced call for tender due to its failure to meet the applicable technical equipment requirements. The currently available technology solutions for maximum image enhancement are offered by PCO S.A.

Polska Zbrojna

Technological independence („Technologiczna niezależność")
Polska-Zbrojna.pl, 9th Nov 2017
Author: Krzysztof Wilewski

The author gives an account of the 3rd Optoelectronic Conference held in Jachranka on 8–9th November 2017. The conference organised by PCO S.A. provides a platform for discussing future developments in domestic optoelectronics and identifying the needs of the main recipient of optoelectronics equipment – the Polish Army. The greatest challenge faced by Polish photonics manufacturers is to put into production key optoelectronics components such as image intensifiers and infrared detectors, which are currently being imported from abroad.

CZWÓRKA 4

Optoelectronics – a revolution in communication and vision („Optoelektronika – rewolucja w dziedzinie komunikacji i widzenia")
Polskie Radio Czwórka, 3rd Nov 2017

A note that an interview on optoelectronics with the President of the Board of PCO S.A. was recorded during the 'Science Station' radio program for the Polskie Radio Czwórka station.

Defence24

Bezpieczeństwo Wojsko Przemysł

PCO S.A. at the 7th Warsaw Days of Technology („PCO S.A. na VII Warszawskich Dniach Techniki")
Defence24.pl portal, 30th Oct 2017

A press release that PCO S.A. attended the 7th Warsaw Days of Technology. On 20th October 2017, the event participants were taken on a tour of the PCO S.A. headquarters. Warsaw Days of Technology are organised on a cyclical basis by the Warsaw University of Technology, the Polish Federation of Engineering Associations (FSNT-NOT) and the Warsaw Branch of the Polish Society of Mechanical Engineers and Mechanical (SIMP). As in previous years, PCO made its headquarters accessible to the event participants. The visitors watched a presentation on optoelectronic technology and the company's activities. They were also shown around the production departments of PCO to learn more about its latest machines and products.

Defence24

Bezpieczeństwo Wojsko Przemysł

Saudi Arabia: PCO S.A. at the symposium on border security („Arabia Saudyjska: PCO S.A. na sympozjum dot. bezpieczeństwa granic")
Defence24.pl portal, 18th Oct 2017

A press release that PCO S.A. attended the 1st International Symposium on Land and Maritime Border Security and Safety organised by the Saudi Border Guard, held from 15th to 19th October in Jeddah, Kingdom of Saudi Arabia. In Saudi Arabia, PCO S.A. showcased its latest night vision and thermal imaging products based on the latest European optoelectronic technology, intended for use by Border Guard officers. The products on display included the PNL-4 Orlik aviator's night vision goggles and the MU-3ADM night vision goggles.

Defence24

Bezpieczeństwo Wojsko Przemysł

PCO S.A.'s product offer at the Arms & Security Exhibition („Oferta PCO S.A. na targach Arms & Security")
Defence24.pl portal, 11th Oct 2017

A note that PCO S.A. attended the Arms & Security Exhibition held on 10–13th October 2017 in Ukraine. The PCO S.A.'s stand was very popular with both executives from the Ukrainian defence ministry and representatives of other countries.

Night vision equipment for the army („Sprzęt noktowizyjny dla wojska”)„Polska Zbrojna”, 7th Sep 2017

Details of the agreement signed between the Armament Inspectorate (Inspektorat Uzbrojenia) and PCO S.A. for the supply of optoelectronic equipment. The agreement requires PCO S.A. to provide the army with 266 NPL-1M BROM-M night vision binoculars and 620 complete sets of the MU-3ADM night vision goggles by the end of 2019. These optoelectronic devices are intended for use by, among others, territorial defence forces.

evertiq**PCO S.A. signs a contract with the Armaments Inspectorate („PCO S.A. podpisało umowę z Inspektorem Uzbrojenia”)**Evertiq.pl portal, 6th Sep 2017

A press release relating to the agreement signed on 6th September 2017 between PCO S.A. and the Armament Inspectorate (Inspektorat Uzbrojenia) for the delivery of optoelectronic devices for the Polish Army. Under the agreement, PCO S.A. is required to provide the MU-3ADM night vision goggles and the NPL-1M night vision binoculars, i.e. the selected soldier equipment products for individual use.

wprost.pl**PGZ companies signed contracts with the Ministry of National Defence worth nearly PLN 100 million („Spółki wchodzące w skład PGZ podpisały z MON umowy na blisko 100 mln złotych”)**Wprost.pl, 6th Sep 2017

The portal provides details of the contract concluded between PCO S.A. and the Armament Inspectorate (Inspektorat Uzbrojenia) at the Ministry of National Defence for the delivery of modern optoelectronic equipment for the Polish Army. Under the contract, PCO S.A. is required to provide the army with the MU-3ADM night vision goggles and the NPL-1M night vision binoculars, i.e. the products forming part of soldier equipment for individual use.

TVP INFO**200m contracts on the second day of the arms trade fair („Umowy na 200 mln zł w drugim dniu targów broni”)**TVP Info, 6th Sep 2017

Details of the contract for the purchase of 266 night vision binoculars and 620 complete sets of night vision goggles. The contract was concluded on the second day of the MSPO exhibition in Kielce between PCO S.A. and the Armament Inspectorate (Inspektorat Uzbrojenia).

Bezpieczeństwo Wojsko Przemysł

MSPO 2017: Thermal imaging and night vision systems from PCO („MSPO 2017: Systemy termowizyjne i noktowizyjne od PCO”)Defence24.pl portal, 6th Sep 2017, Author: Maksymilian Dura

A press release on the production capacity of PCO S.A., which is currently sufficient to meet most of the individual soldier's needs in terms of thermal imaging and night vision systems. The individual equipment offered by PCO can be divided into three product categories: night vision goggles, sights and binoculars. The first category covers devices which are mounted directly on the head, allowing for night observation with no hand movement restrictions.

Defence24

Bezpieczeństwo Wojsko Przemysł

MSPO 2017: PCO with a full range of thermal imaging and night vision systems („PCO z pełną gamą systemów termowizyjnych i noktowizyjnych”)Defence24.pl portal, 4th Sep 2017

A press release on the contracts signed during the MSPO exhibition in Kielce in 2017. PCO S.A. is one of the signatories to the contract concluded with the Armament Inspectorate (IU). The contract governs the delivery of the optoelectronic equipment produced by PCO S.A. to the Polish army, including the NPL-1M BROM-M thermal imaging binoculars and the MU-3ADM night vision goggles. It was signed through direct award.

Defence24

Bezpieczeństwo Wojsko Przemysł

Bumar announces plans to upgrade T-72 tanks („Bumar zapowiada modernizację T-72”)Defence24.pl portal, 28th Aug 2017, Author: Jakub Palowski

The author provides information about the modernisation of the T-72 tank. The upgrading work was carried out at the request of the Armament Inspectorate (IU) at the Ministry of National Defence. The PT-91M2 tank is to be equipped, among other things, with new observation devices for the driver (PNK-72 “Radomka”) and the Omnidirectional observation system (SOD) produced by PCO S.A. The vehicle will also be equipped with a new Obra-3 self-protection system with smoke grenade launchers.

Polska Zbrojna**Krab, Piorun and more – modernised army („Krab, Piorun i nie tylko, czyli armia bardziej nowoczesna”)**„Polska Zbrojna”, 15th Aug 2017, Author: Tadeusz Wróbel

The article describes the purchases made by the Ministry of National Defence in 2016. PCO SA is required, under the contract with the Ministry of National Defence concluded at the end of 2016, to supply optoelectronic equipment to the Polish army in the 2017–2019 period, including binoculars, night vision goggles and thermal imaging sights, which are worth a total of PLN 352 million.

PCO AFTER HOURS

22ND PILGRIMAGE OF DEFENCE AND AIR INDUSTRY EMPLOYEES

On 30th September 2017, the Sanctuary of Our Lady of Ostra Brama in Skarżysko Kamienna hosted the 22nd Pilgrimage of Defence and Air Industry Employees.

In accordance with the decree from Bishop Tadeusz Płóski issued in 2008, the Pilgrimage of Defence and Air Industry Employees is organised annually on and around St. Michael the Archangel Day – a patron saint for employees of national defence plants. In addition to providing a spiritual experience, the pilgrimage also gives those attending the opportunity to meet the people involved in arms and aviation activities and discuss the current developments in the defence industry.

Traditionally, among those present was a delegation from PCO S.A. and the representatives of the Company and the NSZZ 'Solidarność' Enterprise Commission acting as standard-bearers.





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