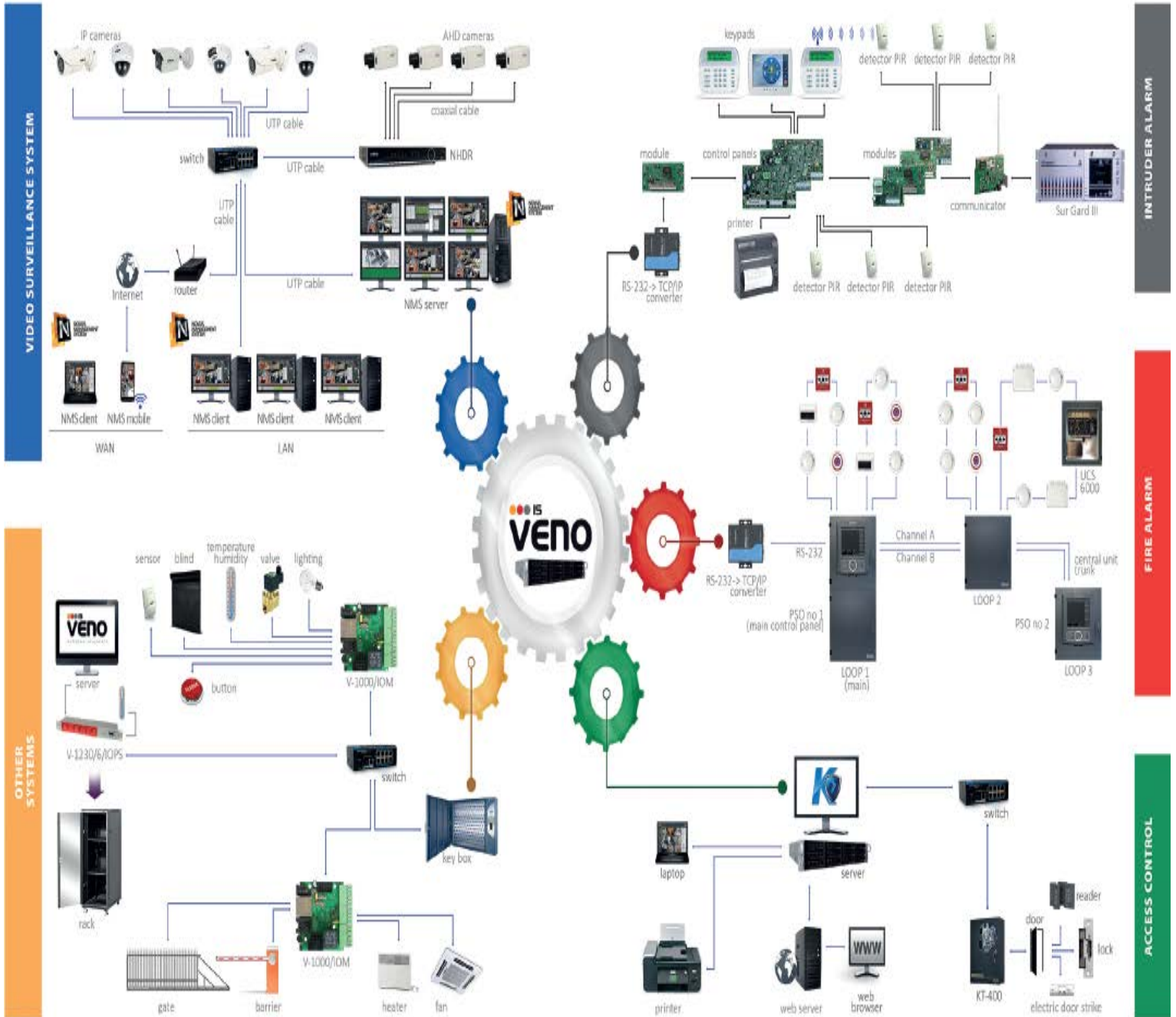**POLON-ALFA**,

Under Supervision of ASEC "Advanced Solutions Engineering Company" for offshore part of Iran and Fars.

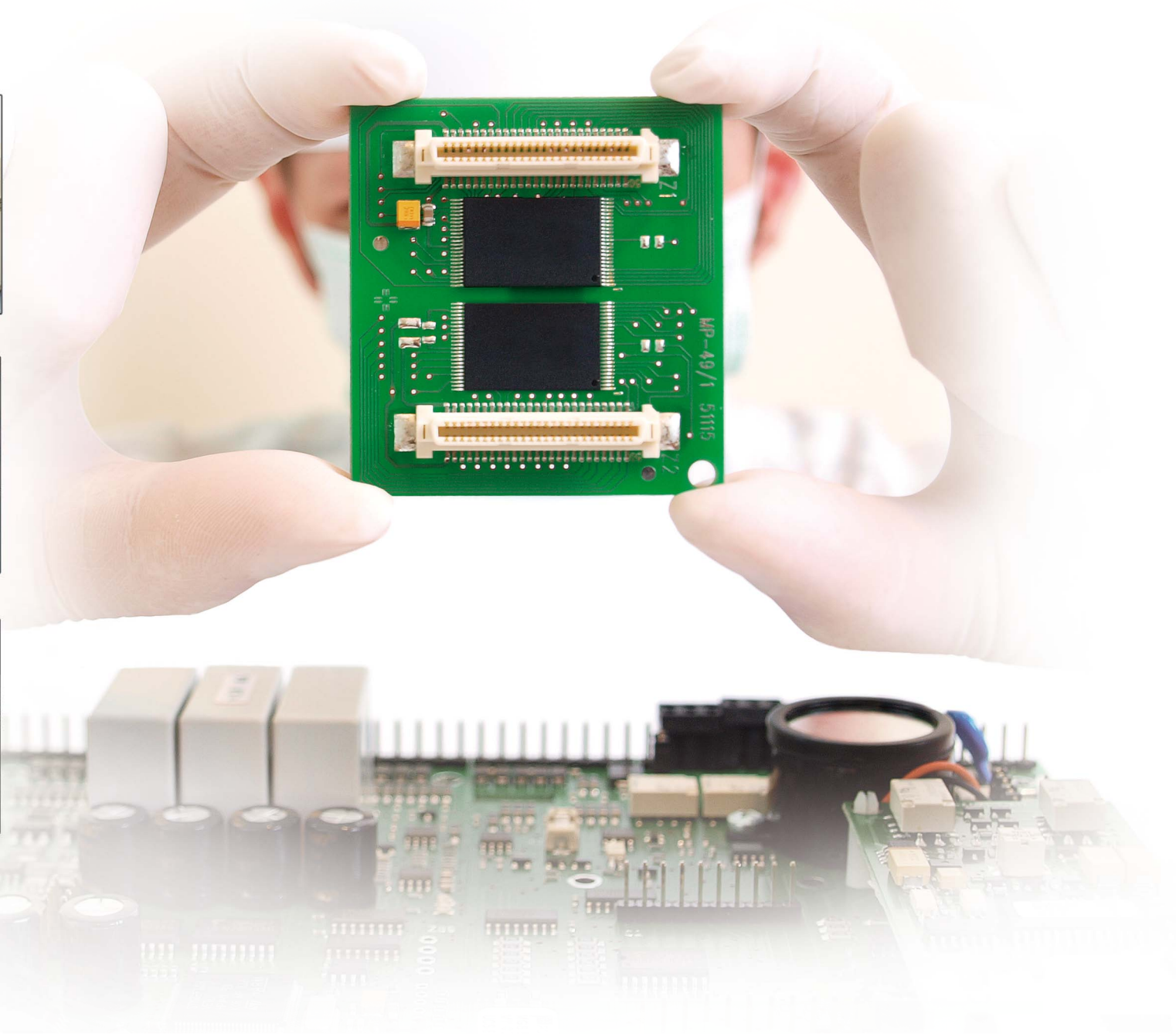**Expert for all the intelligent security and Fire Alarm systems .**

PROFILE

POLON-ALFA specialises in the design and manufacturing of the highest class professional electronic equipment such as complete range of fire detection and alarm systems as well as fire automation controllers. We are also manufacturing specialized instruments for measurement and monitoring of ionizing radiation.

Polon-Alfa is the biggest manufacturer of fire alarm systems in Poland and Central Europe. Our products are exported to more than 20 countries in Europe and Asia.

Polon-Alfa resources include own R&D department with more than 30 experienced engineers and designers, huge manufacturing potential and unique test and measurement laboratories.

We are always ready to fulfil individual needs and requirements of our customers. We provide continuous technical support, service and trainings.
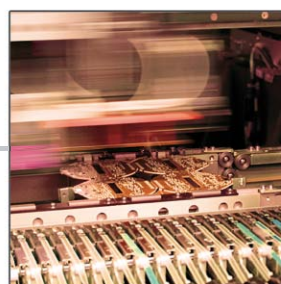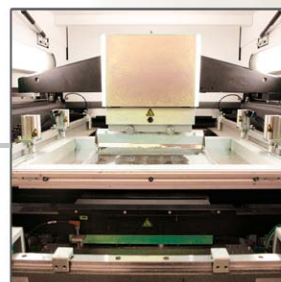
EXPERIENCE

Polon-Alfa has more than 50 years of experience in the design and manufacture of highly technically advanced electronic equipment. Over that period we manufactured millions of fire detectors and many thousands of control panels.

All fire detection and alarm systems we produce are fully developed in-house by our own R&D team. The whole design process - starting with the idea, followed by construction and testing the prototypes until preparation of manufacturing process – is managed by our experienced engineers and specialists, who developed dozens of innovative solutions. Our portfolio of professional, world's highest class units is the result of their work.

QUALITY

Our manufacturing processes are based on the constantly modernized and extended production equipment provided by leading European and Japanese manufacturers.

The manufacturing technology, test methods and very stringent quality control procedures guarantee highest quality, reliability and durability of the devices.

We use unique test equipment, such as climatic chambers for environmental tests, the electromagnetic compatibility test laboratory, the smoke test tunnel for detectors' tests, or the special fire test chamber which enables to verify how fire detectors react to different types of fires in real conditions.

The Quality Management System ISO 9001 was implemented in Polon-Alfa in the year 1998.

Warsaw
Rising
Museum

Jagiellonian
University
in Krakow

National
Theatre
in Warsaw

Royal Łazienki
Museum
in Warsaw

Polish
Television
in Warsaw

Headquarter
of Ministry
of National Defence
Republic of Poland

PROFESSIONALISM

All our fire detection products meet the requirements of European standards according to **EN-54 and EN-12094** Series. It is proved by the positive results of certification tests and **EC Certificates of Conformity** we issued by accredited **Certification Bodies**. This allows our units to be used for fire protection in the whole **European Union** territory.

We guarantee full technical support as well as special trainings for designers, installers and service staff conducted by our specialists. We are also ensuring the constant repair and maintenance of fire detection and alarm systems we manufacture.

Every year our products are installed in thousands of objects, such as:

- **hospitals**
- **banks**
- **office buildings**
- **industry buildings**
- **monumental buildings**
- **airports and many more.**

PRODUCTS

We offer a complete range of **fire detection and alarm systems**, both addressable and conventional, dedicated to various types of buildings - from the biggest facilities till small houses:

- for very large, dispersed objects – **POLON 6000** addressable system – many versions of control panels with unlimited configuration options, 30 types of line elements,
- for big and middle-sized objects – **POLON 4000** addressable system – 4 versions of control panels and 30 types of line elements,
- for small objects – **IGNIS** conventional system – 5 versions of control panels and 15 types of fire detectors and manual call points,
- control panels used for automatic fire extinguishing,
- control panels used for fire automatics – over 20 versions.

The range of line elements portfolio includes: conventional and addressable fire detectors (UV and IR optical smoke, beam smoke detectors, heat, flame, multi-sensor, wireless and intrinsically safe detectors), manual call points, smoke exhaust systems push-buttons, fire extinguishing systems push-buttons, input-output addressable elements, sidelines and wireless adapters, addressable acoustic signalling devices, alarm indicators and many others.

Polon-Alfa is also manufacturer of **dosimetry instruments** such as: radiometers and probes for civil and military use, portal and hand-held radiation monitors, contraband detectors.