Company Presentation

Personal Protective Equipment

Decontamination Systems

Special Vehicles

Measuring Instruments

Nuclear Devices and laboratories

Precision machining, OEM production

Simulation and Training Systems

GAMMA Technical Corporation

- 100% Hungarian,
- significant defence equipment manufacturer company,
- **with the widest product portfolio** in Hungary

Main GAMMA group members (within the defence domain):

- GAMMA Technical Corporation (development, production)
- TESTLAB Ltd (test laboratories, services)
- Artifex Simulation and Training Ltd (constructive simulation)
- Hungarian Defence Holding Ltd (trading, representation)
- MLR Tech Ltd (monitoring system maintenance services)
- GAMMA Park Ltd (facility management)

Where you can find our products

History

100 év
1920
2020

1920 Foundation of **Gamma** Zrt. Juhász brothers - mechanical and optical instruments

1930-39 Development of defensive devices - mechanical computer for aiming guns, (Gamma-Juhasz), Barabas telescope, light telephone, theodolites.

1939-45 Expansion of production - special requirements of the army

1945-49 New product lines - precision accessories, microscopes, projectors, geodesic instruments, DUFLEX camera.

1949 State property, new name: Gamma Works - new profile: nuclear detectors and instruments, industrial measurement and control, geophysical well-logging systems

1955 NBC devices, nuclear diagnostic

1994 The company is re-privatized under the former name of Gamma Technical Corporation. Additional development in the field of NBC defense, environment protection instruments and nuclear medical instruments.

1998 Core business: Radiation measurement, Scintillation crystals and probes, Meteorological and monitoring systems

2007 Strategic partnership with Respirator Zrt

2007 Foundation of CBRN Hungary

2008 After 88 years, moving to a new location

2009 Foundation of Testlab Ltd

2010 New product line: Armoured vehicles

2014 Foundation of Hungarian Defence Holding

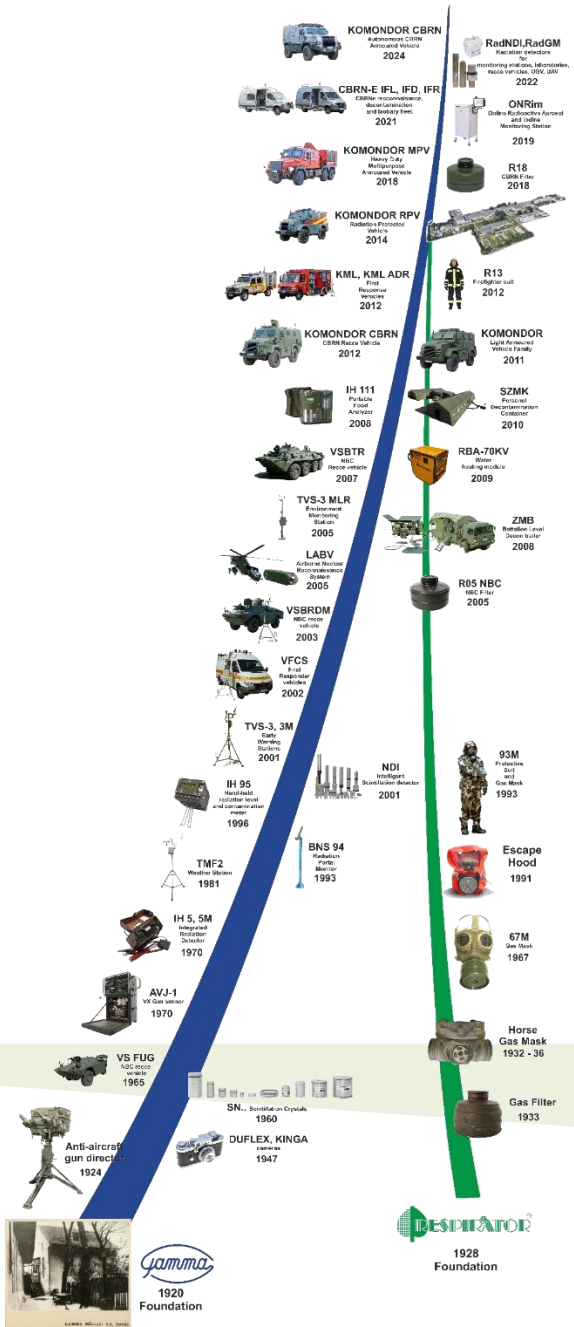
2015 Integration of **Respirator Zrt,** ATAX Ltd, AGR informatic Ltd, DKM Ltd

2017 Improving production capabilities

2017 Integration of Gamma Mechanical Ltd

2019 New group member: ARTIFEX Ltd

2020 Increased infrastructure capabilities, R&D and training center



1928 The ancestor of the **Respirátor** company is founded by the German AUER Co. and Hungarian Defence Treasury in order to supply the army with respiratory protective devices from domestic production.

1938-45 The company is owned by the Hungarian Defence Forces.

1945 State property with the same field of activity.

1963 The company becomes one of the factories of Medicor Works, the activity is expanded with production of medical instruments, equipment.

2007 New ownership and management from Gamma

2015 Merging into the Gamma Technical Corporation

Capabilities

Infrastructure:

- BUDA SITE: 5.800 m2 offices, workshops (for rent),
- **PEST SITE: 12.000 m2 workshops, warehouses, offices, laboratories, training center within 53.000 m2 land**

R&D

- Mechanical engineering
- Electrical engineering
- Software development
- Customized products
- Measurement devices, CBRN, Armoured Vehicle expertise

Production

- Precision Machining,
- Welding
- Painting
- Clean room
- Antistatic assembly
- 3D printing
- …
- Customized products
- **OEM production**

R&D
Production
Maintenance
Laboratory services
Training
Representation

Maintenance

- On-site/In-site maintenance

Laboratories

- Nuclear lab
- Nuclear calibration lab
- Chemical lab
- Chemical calibration lab
- Prototype testing
- Climatic and environmental resistance test lab

Training and demonstration

- Training center
- Conference halls
- Demonstration area

Products and services

Our products and services are accessible for our clients via thematic divisions.

We are offering our clients not just products, but complex, tailor made solutions that are designed to fully meet their demands and requirements, with all necessary auxiliary accessories, as well as full life cycle maintenance and logistic support.

We are ready for technology transfer for all our products.

ANNO 1920 GAMMA TECHNICAL CORPORATION

Defence/Government Division

Laboratories

Personal Protective Equipment

Decontamination Systems

Special Vehicles

Measuring Instruments

Nuclear Devices and laboratories

Precision machining, OEM production

Simulation and Training Systems

Fields of Activity

Personal Protective Equipment Division
Measuring Instruments Division
Nuclear Devices Division
Field Deployable Supporting Systems Division
Special Vehicles Division
Simulation and Training Systems Division

- Full and half mask
- Filter canisters
- Escape hoods
- NBC & Fire fighter protective suits

Fields of Activity

Personal Protective Equipment Division
Measuring Instruments Division
Nuclear Devices Division
Field Deployable Supporting Systems Division
Special Vehicles Division
Simulation and Training Systems Division

First Response Teams' vehicles (Recce, deco, laboratory)

CBRN reconnaissance vehicles

UAV and UGV reconnaissance payloads

Radiation measuring

Intelligent gas detectors

- Radiation measuring equipment
- Chemical detectors
- NBC Reconnaissance systems
- Monitoring stations
- Monitoring and Early Warning systems

Monitoring and Early warning networks, stations, softwares

Portal monitors

Fields of Activity

Personal Protective Equipment Division
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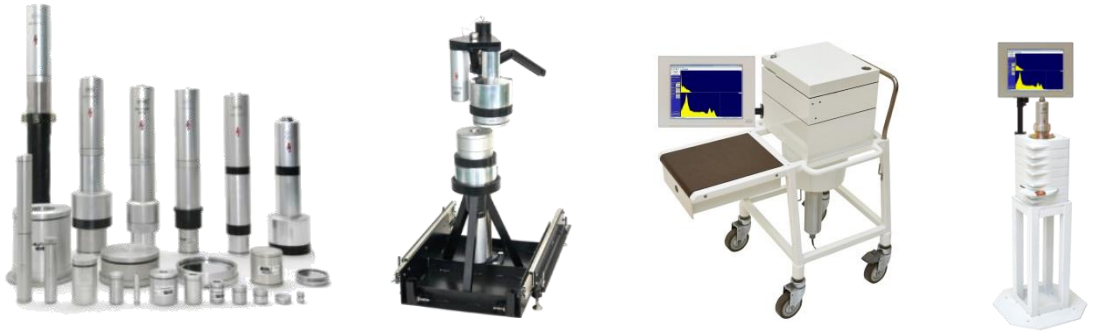
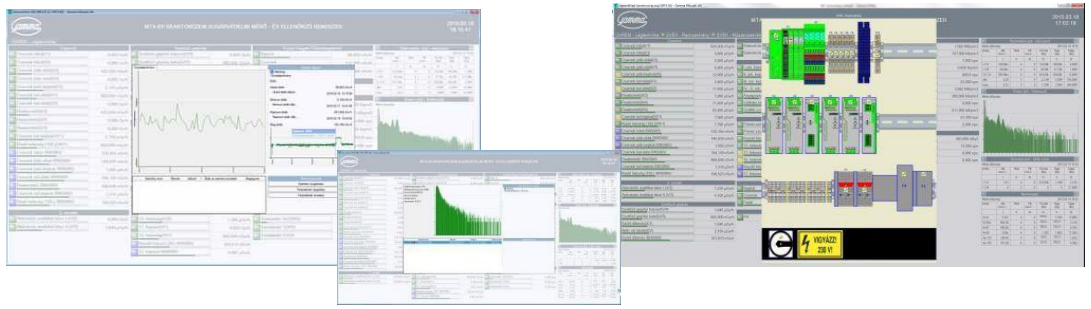


Laboratory measuring systems

Radioactive particle monitoring systems for liquid and gaseous substances



- Laboratory measuring systems
- In situ measuring systems
- Radiation protection devices
- Emission control systems
- Software

In situ measuring systems

Field Deployable Supporting Systems

Personal Protective Equipment Division
Measuring Instruments Division
Nuclear Devices Division
Field Deployable Supporting Systems Division
Special Vehicles Division
Simulation and Training Systems Division

Personnel decontamination container

Battalion level decontamination equipment

Containerized decon systems

Water supply modules

Casualty Decontamination system

Personnel Decontamination systems

First responder decontamination sets

Decontamination accessories, showering systems

Air handling units

Container & tent integrations, foldable containers

- Decontamination systems
- Field camp systems

CBRN-e decontamination vehicle for VIP

Field kitchen solutions

Fields of Activity

Personal Protective Equipment Division
Measuring Instruments Division
Nuclear Devices Division
Field Deployable Supporting Systems Division
Special Vehicles Division
Simulation and Training Systems Division

- system integration into / and refurbishment of existing vehicles, superstructures
- development and production of special purpose vehicles / trailers
- development and production of superstructures
- vehicle development and production (The KOMONDOR light armoured vehicle family)

Fields of Activity

Personal Protective Equipment Division
Measuring Instruments Division
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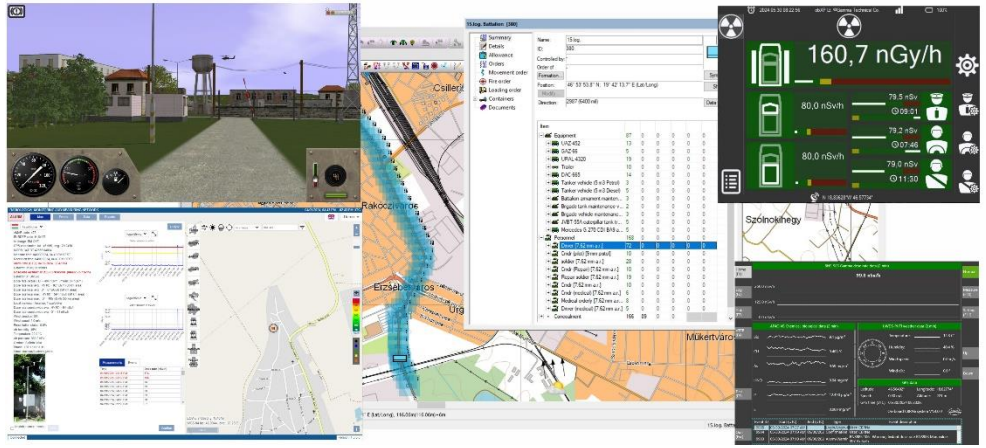
Field Deployable Supporting Systems Division
Special Vehicles Division
Simulation and Training Systems Division

MARCUS

CAX simulation

CMTS

Crisis management training simulator



Joint simulation model:

- Land forces
- Air, air defence forces
- Naval forces
- Logistic (transport, medical, engineering)
- CBRN
- OOTW
- Urban operations
- Disaster management
- Anti terrorist operations
- Homeland security
- Critical Infrastructure Protection

KRONOS

Virtual simulator

- constructive simulation
- virtual simulation
- vehicle and weapon system simulators
- cyber security and operations training
- CBRN recce simulators
- CBRN operations training
- product trainings

Catalogs

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Thank you for Your kind attention!

Question?

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