

Patria

Global Services

- Life Cycle Support
- Life Cycle Services and Upgrades
- Services and Maintenance
- Training
- Digital Services
- Spare parts
- Technical Support
- Technology Transfer



GLOBAL SERVICES

Supporting our clients even in the most challenging situations, including international crisis management and peacekeeping operations, is something we are proud of. We cooperate closely with the client and provide tailor-made maintenance services and support. In addition, we offer field maintenance services and mission support worldwide - all the way from the factory to the foxhole.



LIFE CYCLE SUPPORT

Life Cycle Support is the key factor for keeping your fleet in great condition and up to date. We ensure flexible and reliable services throughout the entire life cycle of our products. The aim of our Life Cycle Support service is to ensure the highest operational availability regardless of time or place. We offer fully NATO-compatible Life Cycle Support services for our clients.

LIFE CYCLE SUPPORT SERVICES AND UPGRADES

The focus of our life cycle support services and upgrades is to keep systems' running time maximized by optimizing their service intervals. Patria's MRO (Maintenance, Repair and Overhaul) branch services are based on decades of legacy experience.

MLU and MLI programs

Patria provides high quality MLU (Mid-Life Upgrade) and MLI (Mid-Life Improvement) programs. Professionally designed and performed MLU programs prolong systems' lifetime and lowers their operating costs while maintaining their performance level. MLI programs provide the same benefits as MLU and additionally improve the system performance level for clients' future requirements.

System integrations and Integration studies

Patria provides services related to quality integration, role kit integration, studies, in-house prototype building as well as systems engineering for integration. We have a successful history of integrating weapon, communication, auxiliary, mobility and protection systems for a wide range of platforms.

Protection and weapon system upgrade studies

We provide services for upgrades and role changes of military vehicles. Please contact us for more information.

Documentation updates

Patria has a full line of modern documentation services for updates and publishing. These services are made as a part of the ILS (Integrated Logistic Support) process. Technical documentation, including safety precautions and warnings, is the result of maintenance planning and safety analyses. Technical publications are produced in accordance with S1000D.

SERVICES AND MAINTENANCE

Our support system is based on long experience supported by modern practices and tailored content. Patria, as an OEM (Original Equipment Manufacturer), is constantly developing its operations as part of the system manufacturing industry.

Local maintenance support

We provide technical support to personnel to cover either full or partial responsibility for maintenance activities and conduct-specialized tasks. In addition, we consult and support end users in system maintenance.

Support contracts

Patria provides various contracting models for life cycle support services. From frame agreements all the way up to performance-based contracts - whatever is the best fit for the client's needs.



Mission preparation

We offer support studies, spare parts calculations, support facility definitions as well as mission logistics preparations for client systems. Special mission support containers and logistics services, such as field support systems or training systems, can be offered as a service and tailored to the client's needs.

Field Gun and Mortar NDT services

Patria provides certified NDT (Non-Destructive Testing) services to investigate current condition of pressurized weapon parts, e.g., barrels and breech locks. By way of NDT services, possible cracks and damage can be analyzed and the expected lifetime of pressurized parts can be calculated.

DIGITAL SERVICES

Patria actively develops new digital services in cooperation with our clients and partner network. The aim of the digital services is to improve system performance, lower the cost of ownership and improve safety.

Fleet management

Our fleet management service is intended to add efficiency to systems monitoring while optimizing and increasing the quality of training and simultaneously reducing cost. Patria's fleet management has been developed into a universal system that is compatible with most military systems from generators all the way up to high-tech battle tanks.

Service optimization

As an integrated part of our services for the systems with a digital backbone, Patria offers maintenance optimization (Condition-Based Maintenance), where the system usage is continuously monitored and analyzed to enable the service interval optimization. It is designed to reduce the cost of ownership to avoid unnecessary preventive maintenance and recognize early indications of upcoming failures to maximize availability.

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for our clients.***

Digital documentation and updates

We offer digital documentation services for content management as well as updates.

Digital training

Digital training aids use data for defining personal training needs based on actual usage of systems during training. The aim of the service is to identify needs, extend the life of the system and to avoid unnecessary corrective maintenance caused by misuse of the system.



TRAINING

Patria offers a wide range of comprehensive training services and systems to its clients worldwide. The focus of training services is to provide continuation of training cycles and to support the optimal level of skills and completion of tasks.

Operator- and maintenance training

Our full range of training courses include both platform and weapon system training. Patria's training courses provide system operators and maintenance professionals the knowledge and skills required for safe and efficient operations.

Tailored training courses

Our training courses will be tailored in accordance with client-specific requirements. We always co-operate closely with each client, to enable customization of training courses according to the subject, duration and any special requirements.

Training development and material development

The purpose of the TNA (Training Need Analysis) and training development process is to support the client in achieving a more effective training system and philosophy. These training services can also be extended to legacy or subsequently integrated systems. Comprehensive training material, a wide range of digital training aids and simulators can be developed to support client-specific training needs.

SPARE PARTS

Patria offers a full range of spare parts services directly to clients through traditional sales process and through NSPA (NATO Support and Procurement Agency) also. In addition to standard commercial packing, spare parts can also be packed into special packages according to clients' requirements.

TECHNICAL SUPPORT

Technical support is an integral part of today's technology and reduces the risk of not being able to use or maintain our products. We provide technical support to help the client get started with the system and provide long-term support for each product's life cycle.

Technical field support and helpdesk

Our technical field support for weapon systems and vehicle platforms includes know-how with superior skills, tools, processes and materials. Technical support can be provided on site and Helpdesk support is available via phone or e-mail.



TECHNOLOGY TRANSFER AND LOCAL MANUFACTURING

Technology transfer and local manufacturing concept is a natural part of our business model. Based on our previous experience with several countries, technology transfer as an industrial participation and production has been a success.

Cooperation with Patria also enables, in addition to high-quality technology transfer, the possibility of local production and direct investment in modernizing production infrastructure. This type of cooperation - at its best - increases employment within our business partner's supply chain.

Technology transfer provides independent maintenance and control in crisis situations, better logistics and financial benefits to the country. This would be a low-risk investment for our partner as we provide technology for a readily available product which has proven itself to be in combat condition. The target of our technology transfer agreement is to provide this missing link for our partner's industrial process of building up the local ecosystem and achieving self-reliance in the highest quality vehicle and mortar defense technology. Are you ready to cocreate business and invest in your country?



Patria is an international provider of defence, security and aviation life cycle support services, pilot training and technology solutions. Patria provides its aerospace and military customers with equipment availability, continuous performance development as well as selected intelligence, surveillance and management system products and services.

Patria has several locations including Finland, Sweden, Norway, Belgium, Estonia and Spain. Patria is owned by the State of Finland (50.1%) and Norwegian Kongsberg Defence & Aerospace AS (49.9%). Patria owns 50% of Norwegian Nammo, and together these three companies form a leading Nordic defence partnership.

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