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Optical ISL & Network Routing Lead

Koropi, Attiki, Greece | IT

EFA GROUP comprises companies in Aerospace, Security, Defense, and Industrial Cooperation with a solid international presence. EFA GROUP currently employs more than 220 people, most of whom are engineers and scientists. The GROUP has established offices across 6 international regions: Greece, Cyprus, Switzerland, USA, UAE, and Singapore to serve its customers in 34 countries worldwide. **EFA GROUP** includes **EFA VENTURES** (Supply Chain Management and integrated services), **AEROSPACE VENTURES** (Industrial Participation and related services), **SCYTALYS** (Systems Integration and Software), **ES SYSTEMS** (MEMs & IoT Integration), **EPICOS** (Global Defense B2B Information Platform), **UCANDRONE** (Unmanned Systems), **AETHER AERONAUTICS** (Target Drones), **STHENOS AI** (Intelligence Solutions).

EFA Group is currently looking for skilled **Optical ISL & Network Routing Lead**, who will lead the design and integration of Optical Inter-Satellite Links (ISL) and network routing concepts to enable resilient, low-latency constellation networking.

Key Responsibilities

- Define optical ISL requirements, architecture, and performance budgets.
- Lead routing/networking concepts across the constellation (topologies, resiliency, latency).
- Coordinate with payload, platform, and ground teams on interfaces and validation.
- Support supplier selection, technical oversight, and qualification planning.
- Contribute to verification plans and system-level performance demonstrations.

Requirements

- MSc in Telecommunications, Optical Engineering, Aerospace, or related field.
- 7+ years in optical comms, ISL systems, or networking for space/telecom.
- Strong understanding of network routing principles and performance analysis.
- Experience working with suppliers and qualification/verification processes.

We offer:

- Competitive remuneration package
- Private Medical Insurance package
- Continuous learning in new technologies
- Opportunity to work in large-scale projects with talented people

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