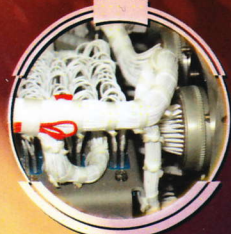
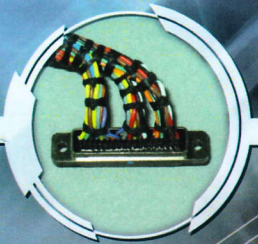
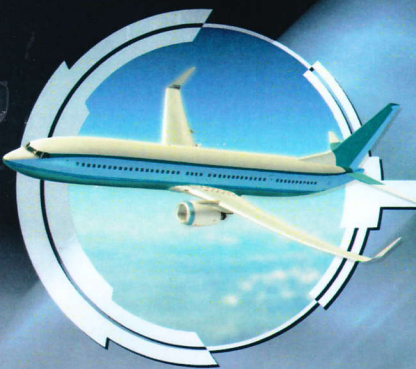




Interconnect Solution Provider



ELFON LTD

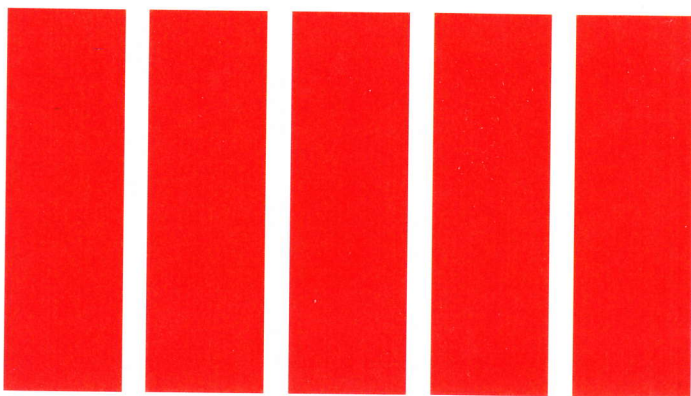


*"We are what we repeatedly do. Excellence then is a habit."*

*Aristotle*







**ELFON LTD** was founded in Athens, Greece, in 1975, by **Dr. G. Chryssos, D. Kemos, and M. Dikis** and is privately owned.

The company started as a manufacturer of electronic components (produced the first push-button telephone set in Greece), but in 1979 made a turn towards the Defense Industry. It implemented a restructuring program that laid the foundations for the defense manufacturing and subcontracting company that it is today.

ELFON LTD is listed in the *Registry of the Defense Materiel Manufacturers of the Hellenic MOD*.

The company supplies critical parts to all three armed forces of Greece. The quality and delivery records of ELFON LTD are impeccable, resulting in returning customers and placement of increasing number of orders and types of products.

ELFON's long experience in subcontracting has lead to the development of a company culture which is aimed at effective communications with the customer, quick set-up of new production lines, low turn around times, and precise application of customer instructions and specifications. Furthermore, ELFON is often involved in Concurrent Engineering and the Redesign of products.

**The field in which ELFON LTD specializes is the manufacturing of wiring harnesses, cabling, and electromechanical assemblies. The company possesses state of the art equipment for the manufacturing of wiring harnesses, while it is capable of managing any electromechanical project associated with wiring harnessing.**







## Facilities

**ELFON LTD** is located approximately 10 km south of central Athens. A total of over 2.000 square meters of air-conditioned assembly floor space is available for production. This includes areas of fully equipped work stations, static protected assembly areas, environmental cycling, stress measurement facilities, bond-room and secure storage.

These are all complemented with a computer-based system which performs **MRP, job tracking, and productivity measurement. Production scheduling and deliveries** are also tracked through this system.



## Personnel

The Company has earned a distinguished presence in the Defense Industry of Greece, based on the implementation of high technology standards and on the employment of specialized, highly skilled, certified personnel. ELFON LTD regularly carries out courses aimed at training or qualifying production personnel.

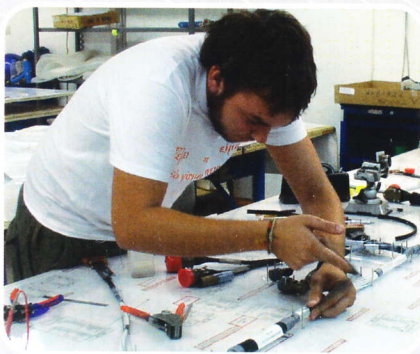
**New-coming Production Operators and Quality Inspectors are trained in company procedures and work skills. They are hired only after successfully passing a written examination and a skills test.**



## Security

Security is of the utmost importance at ELFON LTD. Access to all areas is permitted only to authorized personnel. Entrance points are centrally controlled by electronic means, and are instantly programmable to any configuration.

ELFON LTD possesses an Industrial Security Certificate, CLASSIFIED-NATO SECRET Level.







## Greek Patriot Team



### Commitment

We affirm to the Hellenic Ministry of Defense and to each other that our components for the Patriot System will meet required:

*Schedule, Quality, and Performance*



LOCKHEED MARTIN



SIEMENS



## Outstanding Supplier



Presented to  
**Elfon Limited**  
for achieving a rating of  
**Excellent**  
in four consecutive quarters







## Quality Assurance

The Quality Management System of ELFON LTD is certified by BVQI to comply with the Requirements of the Quality Standard ISO 9001:2008 for the following "Activities:"

- Design, Development and Manufacturing of Electrical and Electronic Cabling and Harnesses for Sea, Land, Air, and Space Defense Applications.
- Installation, Commissioning and Maintenance of Naval Weapon Control Systems and Quality Assurance Programs and Services.
- Manufacturing and Assembly of Electro-Mechanical and Electronic Hardware for Defense Applications.

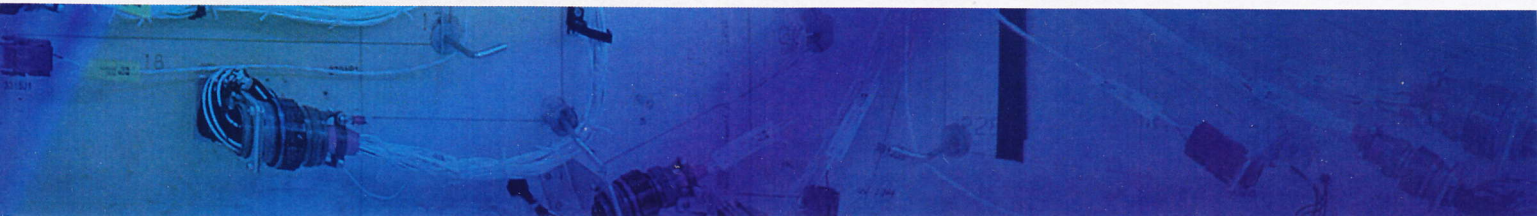
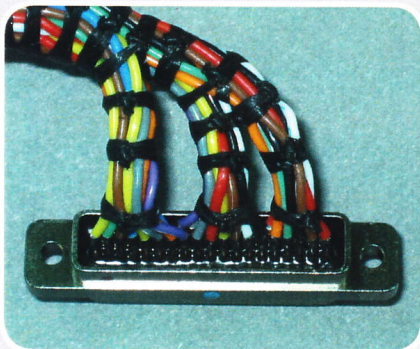
**Quality Assurance is the backbone of ELFON's procedures, which have been built according to the mandates of EN ISO 9001:2008.**

Except for the formal procedures, Quality Assurance is a "culture", for ELFON LTD, that is instilled into every employee even from the time of initial training. Performing according to given standards and practices is the only way of operating for ELFON employees.

ELFON LTD has not settled for simply applying the ISO 9001 directives. It has augmented its Quality System with the implementation of world class practices for the evaluation of quality and effective application of quality procedures.

**As a result, most customers have granted the company "Source Quality Inspection" – a job normally performed by customer employees.**







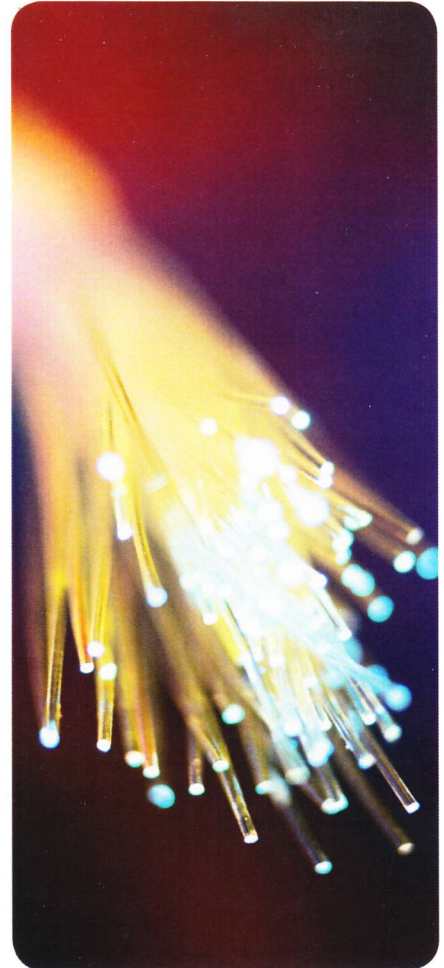
## Production

ELFON's production department utilizes cutting edge technology in management, and manufacturing technique. Self Assessment and Continuous Improvement programs are in place, while shop floor layout and production procedures have been designed according to the principles of Lean Manufacturing. CATIA design, LASER marking, automated cutting, pneumatic crimping and computer – based testing are some of ELFON's capabilities.



The company makes use of fully documented Industrial Engineering Processes and Procedures (IEPIs) to develop work instructions that ensure production of high quality products. Throughout all manufacturing stages, ELFON uses calibrated tooling for manufacturing, inspection & testing.

**Product-specific Quality Management Programs, Total Quality Control, Discrepancy Analysis, Configuration Management and Control procedures always ensure the Delivery of Top Quality, Certified Products.**

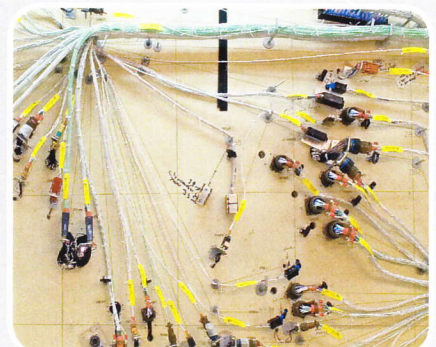




ELFON LTD is fully equipped and organized to operate according to International Workmanship Standards for the Production of Defense Electrical and Electronics Hardware:

### Production

- CAD (CATIA) Production of tooling.
- UV-LASER marking of wire.
- Automatic, computer – controlled cutting of wire.
- Fiber-Optic cable termination.
- NOMEX Braiding for Wiring Harness Outer Jackets.
- Metal Braiding for Shielding on Wiring Harnesses & Cable Assemblies.
- Polymer encapsulation of connectors
- Computerized marking & cutting of identification sleeves.
- Pneumatic Crimping of lugs, terminals and contacts.
- Static protected workstations.





LOCKHEED MARTIN

Lawker Beechcraft

NORTHROP GRUMMAN

Raytheon Missile Systems

MBDA  
MISSILE SYSTEMS



KONGSBERG



THALES

KMW  
KRAUSS-MAFFEI WEGMANN



HELLENIC M.O.D.



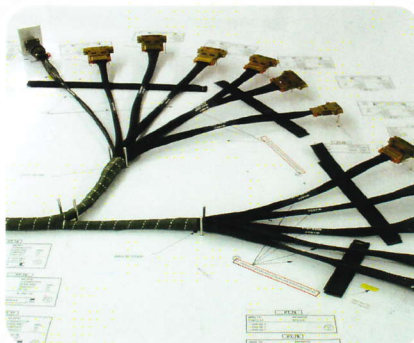
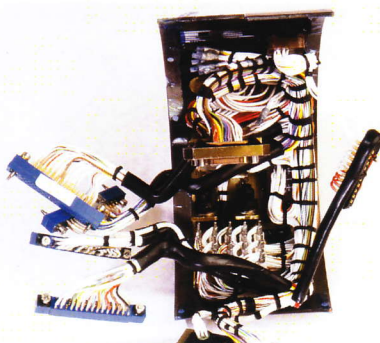
## Testing & Measurement

- Automatic, computer-controlled testing for harnesses / cables.
- Insulation resistance, leakage & galvanic protection tests.
- Applied mechanical forces, dynamic / static, insertion / extraction testing.
- Crimping, mechanical and electrical (voltage drop) compliance tests.
- Thermal cycle tests.
- Phase lag / Phase Matching measurement.
- Insertion Loss Measurements (RF & Fiber Optic Cables)

Zero defect production programs

Competitive pricing

On-time delivery







**ELFON LTD**

INTERCONNECT SOLUTION PROVIDER

ELFON LTD, 30 Ikarias Str., Glyfada 166 75 Athens, Greece  
T. +30 210 962 82 12 / 34 / 56 • F. +30 210 964 98 33 • E-mail: [info@elfon.gr](mailto:info@elfon.gr) • [www.elfon.gr](http://www.elfon.gr)