

Software for Elbit-ELOP PMU_Satellite

- PMU Satellite – Elbit-Elop, SPACE Division

In this field as in others, **Chaban group**, Israel's Leader in the development, production and marketing of universal, **automatic test equipment (ATE)**, Provides you with the optimal solutions for the Development of software and manufacture of **Elbit-Elop PMU Satellite**. The test equipment is based on **PC platforms**, Software, as well as **automatic test equipment for Elbit-Elop PMU Satellite**.

The test equipment is based on **PC platform**, and Combines standard off-the-shelf items such as data acquisition cards, etc., with specialized but modular hardware And software components that are developed at **Chaban**.

The software simulates all satellite hardware resources for development of the PMU system.

The software analyze the data and simulate the hardware resources such as : bus voltages , bus activation , ignitions pulses, units operations and ect.

The software is used for product development and qualification for space flights.

Software is developed with **Lab Windows CVI environment**.

Expansion options and/or convergence into a service Field echelon configuration (**o-level**), which provide dynamics changes in future uses. Following our belief in **quality control to the highest Standards and in the end user's Requirements – Elbit-Elop Company** - this product has Also passed the most stringent testing: the performance Of many technical reviews such as **PDR, CDR, QDR** Configuration of documentation and production files According

to full **military standards**, including **ISO9000.3 and ISO9001/2000** compliance, As well as meticulous phases of software capability Demonstration (**ATP/FAT**) combined with Malfunction simulations and reliability requirements. The stringent quality control, the high quality components And professional service of **Chaban Group's** three unique Divisions **provide our customers with an Exclusive Turnkey** Product from the developmental phase To the final production.

A variety of products are at your disposal:

- **Engineering soft panels** for the development and Verification of the product during development phases.
- Software for P.O.D. (proof of design) tests during acceptance of operational system
- Software for the ATP production ATP & Flight Qualification
- Software for customer Maintenance ATP, for repairs, maintenance and periodic calibrations



We will be happy to assist with any query or request, **The Chaban Group**.

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