



PES-2000 Engineering Services

Planning, design and integration of a new communication or broadcast system requires experience and knowledge in several areas to create a resilience, robust and long-life system. Profen with experience more than 25 years in satcom, broadcast and telecommunication have enough capability to meet this requirement and provide turn-key projects.

Profen Group has six affiliate companies that each have deep design manufacturing and implementation capabilities in their own areas such as satcom, broadcast, EPC. This allows Profen to provide major benefits for our customers in terms of well-orchestrated deployment/installation logistics, efficient system designs, technical support and competitive pricing.

Profen provides engineering services in especially VSAT system design and implementation, design and building TT&C station for satellite operation, DTH system including Headend and Uplink systems for broadcasters, telephony and data networks for commercial and tactical applications, terrestrial TV/Radio distribution, spectrum monitoring and ISR applications, mobile and transportable stations and units.

Major Benefits

- One stop shopping turn-key solution,
- Most up to date technology,
- Well planning and astonishing implementation time,
- Project management,
- Logistic management,
- Integration, installation and commissioning,
- Training,
- Operation support,
- After sales support,

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Profen's Engineering Services comprise all the processes from planning to operation. These are mainly detailed below.

❖ Planning, System Design, Purchasing and Delivery

Successful project starts with successful planning and proper design. By considering the project requirement and customer special needs, Profen's teams plans all the aspect of the project for the entire life, design the system structure, and choose the best equipment, sub-systems and accessories accordingly.

❖ System Integration, Installation

System integration and installation works requires well educated, experienced and talented stuff to carry out the whole project. Profen a well-deserved reputation in this field has with successfully completed several projects in the last 20 years. Profen's system integration and installation teams has certification from well-known suppliers like GD Satcom, Newtec, Comtech and may others.

❖ Commissioning and Operation

To be sure that all systems and components of the project are designed, installed and tested accurately the commissioning is an inseparable part of project after installation. Most of time, the commissioning part is carried out by witness of the customer.

The operation is generally in responsibility of customer or end user. However, Profen may provide operation stuff to support operation for a certain period.

❖ Training and Support

An integral part of the project is the training and support. According to requirement training is carried out as theoretical in class and practical on the job.

Support is provided as part of the project during the warranty and SLA based after that.

