**University of the Armed Forces ESPE**

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**Problem:**

We need a system that allows us to carry out a Inventory from elements telecommunications to have a better organization for the buys Y sale of these elements so that a solution can be given to conflicts such as: the state in which they are and the availability of the supplies, not having one toolsuch as the one we are going to implement these situations arise. It will also help us identifylosses or theft of its elements.

**Overview:**

For most company, especially those dedicated to commercialization of elements of telecommunication is necessary to keep a clear and organized inventory, in such a way that it is easy and agile to know its status.

In the world of control de stop uses various methods for inventory control, which vary according to the characteristics and needs of each company.

**Background:**

The stock can be defined as products and elements that are owned within a warehouse for marketing in such a way that we can determine the demand of the products and thus be able to define the next future acquisitions for the company, generating a greater amount of sales, generating the company to grow.

Within the control it can be considered as a verification process which seeks to identify the availability of the products just like your quality Y condition, thus generating a better management of the stock producing a balance correct of the same avoiding the excess of inventory which triggers a loss of profit or a lack of inventory causing customers to search for a new supplier

A warehouse is a site in which they find a great variety of products of a company for sale this is essential for carrying out an inventory since a specific space is determined for the elements which can be classified in a better way reducing time and space just like your search Y handling

A telecommunication system is a collection of compatible hardware and software arranged to communicate information from one place to another. These systems can transmit text, graphics, voice, documents or video information in full motion.

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| **Material** | **Available quantities** | **Cost of sale per unit** | **Wholesale cost of two to more units** |
| Router | 85 | $ 140 | $ 120 |
| Universal LNB for satellite | 60 | $ 6.00 | $ 4.50 |
| Connector for female splice | 35 | $ 1.50 | $ 1.00 |
| Adapter load | 45 | 0.80 cv | 0.70 cv |
| ICT adaptive load | 55 | $ 1.80 | $ 1.70 |
| Indoor home amplifier | 30 | $ 35 | $ 32 |
| Circular FM antenna | 20 | $ 18.50 | $ 16.50 |
| Distributor 2 outputs | 42 | $ 4.50 | $ 3.50 |
| Server | 70 | $ 2,000 | $ 1,800 |
| Stripper for coaxial cable | 38 | $ 10 | $ 10 |