



Executive Summary

Previously, monthly expenses, in PPE (pants and shirts) were R\$50,000.00, after the implementation of R\$17,000.00.

- Increase 200% in the Warehouse operational capacity.
- 50% reduction in the number of some MROs, made available for production.
- Stock available, 24 hours a day, without point of use with total security and traceability.

Case Study

Consumables & PPE



Challenges

Tracking items, the correct order point and increasing waste in the consumption of items such as consumables, PPE and MRO was hard work to manage in a factory of oil extraction pumps with 53 production machines and 250 operators



How it helped

The approved solution was SupplyPoint 28 level, because beyond software that met all requirements as tracking, restrictions, rationing and additional inventory control, was the only vending machine that had the unit item dispensing which guaranteed high control when withdrawing of the item with total security.



Results

The management and traceability of consumable items, PPE and some MROs were the main benefits, generating gains in all operational processes.

The Full Study



Executive Summary

Focus on consumables and PPE

Today, we have greater control and operational control and through generated reports, we can work on professional actions that avoid unnecessary costs.

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Challenges

Tracking items, the correct order point and increasing waste in the consumption of items such as consumables, PPE and MRO was hard work to manage in a factory of oil extraction pumps with 53 production machines and 250 operators. Waste due to the use of incorrect items has caused machine downtime, out of stock, excess stock. A long line to remove an item was formed in the warehouse during all 3 shifts, which caused a great waste of time for all involved, in addition to the lack of control, because after removing the item from the warehouse central to the satellite warehouse, the control was done by spreadsheets. Faced with these challenges and aware of the costs that this caused, the tool supervisor started a study to find the best solution to solve this.



How it Helped

After a scoping session and meetings with the suppliers of inventory management software and vending machine, verified that only the software stand-alone would not solve the problem because there was still a need to eliminate the long lines. Therefore, the studies focused on vending machines. The approved solution was SupplyPoint 28 level, because beyond software that met all requirements as tracking, restrictions, rationing and additional inventory control, was the only vending machine that had the unit item dispensing which guaranteed high control when withdrawing of the item with total security.



Results & Return on Investment

The management and traceability of consumable items, PPE and some MROs were the main benefits, generating gains in all operational processes. Previously, the operators went every 2 hours to pick up a tool from the warehouse and today the average is 6 hours. It's represents an operational increase of 200%, there were also problems with the control of uniforms, mainly pants and shirts, which reached an annual expense of R50,000.00 after we started running the control using the SupplyPoint software of vending, that amount dropped to R\$ 17,000.00 with an annual saving of R\$33,000.00.