

G.PRO Enterprise Solution

An integrated G.PRO suite of products to provide a total solution for your business

G.PRO SDT- Shopfloor Data Tracking System

G.PRO IEES- Industrial Engineering Execution System

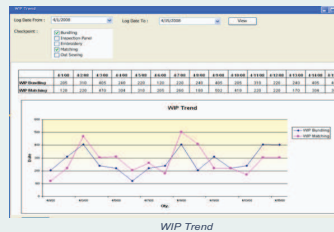
G.PRO PSM- Proactive Scheduling & Monitoring

G.PRO SDT lets you track every step in your lean process from cutting to finishing. Discover real, cost savings with easy to use tools to find and reduce Work In Process (WIP) for huge productivity gains. With up-to-date information at your fingertips, you will make money saving decisions based on facts rather than on assumptions.



G.PRO IEES helps you to set measurable time standards, improve work methods and standardize processes. It means doing "the right things the right way, every time."

G.PRO PSM helps you to project productivity by allowing you to plan quickly and accurately. Plan ahead, compare planned against actual data, and get alerts before lines experience bottlenecks. You save time, and rectify problems ahead of time.



Now, you can improve quality with more transparency and accountability. With immediate visibility, problems are no longer concealed.

About Us

GPRO specializes in providing IT solutions for the transformation of the garment industry.

With more than 10 years of industry experience, GPRO has been developing quality in house software and complementing hardware for the garment industry to increase their efficiency and productivity.

The first to develop RFID technology for a shopfloor data tracking system, we strive to be your leading solution provider in the garment industry.

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G·PRO[®] UPS

UNIT PRODUCTION SYSTEM

RFID
TECHNOLOGY



INTEGRATING UPS DATA INTO YOUR ENTIRE VALUE STREAM

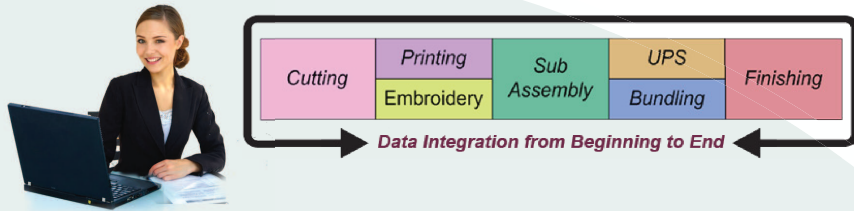
www.gprotechnologies.com

Are you experiencing:

- **A need to produce more for less?**
- **A pinch on sewers non-value added activities?**
- **The lack of information for decision making?**

The Solution:

G.PRO UPS (Unit Production System) adopts RFID (Radio Frequency Identification) technology that automates material flow throughout your lean, just-in-time production process. Use G.PRO UPS in your lean production strategy to provide valuable WIP information from cutting to finishing.



The Concept of UPS

Work pieces travel on an overhead conveyor, by a hanger which holds them on a finger like rubber padding. These hangers are then transported and dropped to an ergonomic position for the sewers at individual workstations. This eliminates non value added activities such as material movement. Now sewers can concentrate on sewing, without the need to worry about where work pieces are coming from. With these benefits, line leaders and supervisors can maximize their time on managing productivity, quality and other productive tasks.

From Good to Great

With the right tool, your unit production lines will be powerful generators to your bottom-line. How are wastes being eliminated (overproducing, waiting, transporting, and excess inventory)? The answer lies in "knowing and taking action". G.PRO UPS is not just a transportation system. It gives you valuable knowledge that improves lines and saves you money.

Now production line will be working proactively to solve problem before it occurs, by making comparative analysis, identify bottlenecks signs and reading visual cues for action taking.

Economical, space-saving and easy to maintain:

- Width of 1.8m and Line width of 3.2m from station to station
- Capacity of loading weight is up to 50Lbs per hanger
- Tracks consists of a main track, 'U' track, 'L' track and 'T' seam turnout.
- Built for running 24 hours work shift
- Built with light and durable aluminum alloy tracks that are strong
- A powerful RFID SmartTag on each individual hanger lets you track and update WIP at each station.
- With a grease free chain bar and slide rail, G.PRO UPS operates smoothly without additional lubrication.
- Flexible, modular structure can be extended as your needs expand.

Quick Return on Investment:

Visual Management

Allows you to immediately assess current status of line operations at a glance

In Line Inspection

In line inspection at any point in the production process

Line Balancing

Transport material automatically from workstation to workstation

Retrieve Misplaced Hanger

Operators can now place the misplaced hanger back at any point of the line

Better Quality Management

Rework garments are transported to the specific operator who created the defect

Early Detection

Early detection can help eliminate costly mistakes and rework

Customized Alerts

With customized alerts for each monitored line, you can monitor efficiency, quality level and target output

Reduced Work In Process

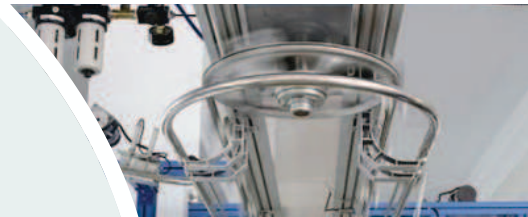
Intelligence in-built within G.PRO UPS ensures that operators will always have sufficient pieces to work on.

Minimizes Human Intervention

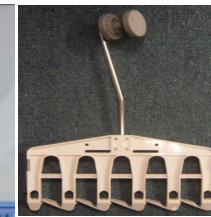
Eliminate most of the lifting and handling. Simplifies steps in the process without removing the garment from the hanger

Intelligent Routing

Ability to run multiple styles on the same line



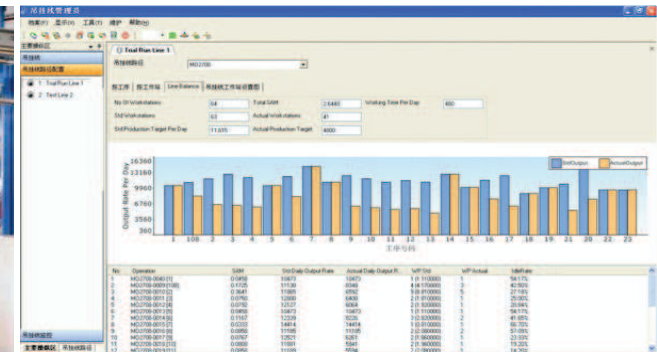
Line width 3.2m



Durable hangers



Grease free chain



Line Balancing