



SHOP FLOOR DATA TRACKING SYSTEM

REAL TIME PRODUCTION STATUS TRACKING WITH RFID (GRID) TECHNOLOGY

The G.PRO SDT (GRID) SYSTEM is a real-time production status tracking and management system now equipped with RFID technology. Now you can track your production in real-time with the best software and hardware in the industry.



Real Time Production Status Information

Use our shop floor capturing devices to give you production status updates. Link up with mobile devices for status reports.



Remote Branch Monitoring via the Internet

Manage your branches wherever you are and check up on daily factory output through the Internet or over local area networks.



Advanced Technology

Choose between RFID or non-RFID Smart readers and software integration like no other. Use the tools you need.



Real time anticipation of bottlenecks

Anticipate bottlenecks before they occur. Plan and schedule new operation runs all on the go.

BENEFITS

- Web Services
- Track Machine Operators
- Measure Efficiency
- Real-time information
- Line Balancing
- Cost Control
- Worker Skills Database
- Cut-piece Tracking
- Costing for Piece Rates
- Integration with other G.PRO Solution modules
- Quick monitoring and shop floor management and more...

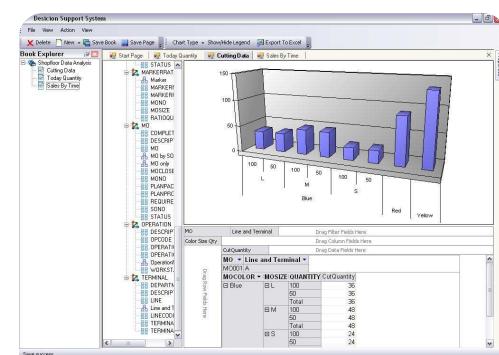


Fig 1. Our user friendly-interface will make your work a breeze.

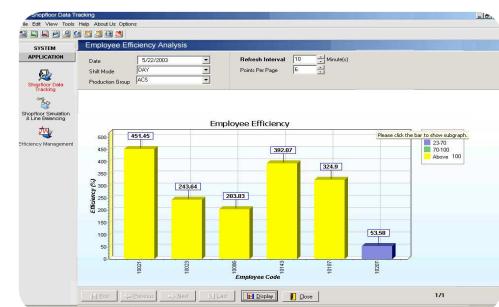


Fig 2. Easy-to- read graphs and charts are in real-time.

MAIN FEATURES



WEB SERVICES

Enables head office to monitor branch operations through computer networks and the internet.



TRACK MACHINE OPERATORS

Keeps track of attendance and total work hours of each employee.



MEASURE EFFICIENCY

Online performance and earnings display helps to pace and motivate individual machine operators.



REAL TIME

Data is captured as and when events take place. Real time information is available for management.



LINE BALANCING

Achieves productivity gains by providing supervisors with knowledge to respond to detection of bottlenecks in real time.



COST CONTROL

Saves time and labour costs and eliminates computation error. Easy monitoring of overtime claims.



WORKER SKILLS

The G.PRO SDT System can be used to compile a skill database of all operators.



CUT-PIECE TRACKING

Provides exact information on WIP/cut piece quantities from cutting to shipping.



COSTING

Helps to set more objective piece rates through tracking of actual time taken for each and every operation.



INTEGRATED WITH G.PRO ES

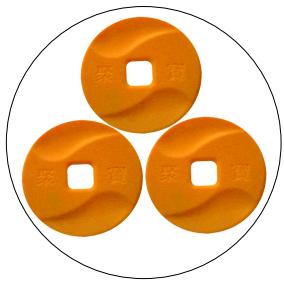
The G.PRO SDT forms the core of the G.PRO Enterprise Solution, which includes other enterprise-level modules for total knowledge management.



SYSTEM COMPONENTS



SmartTerm Z2



SmartTag RF



SmartInit Twin Towers Machine

SmartTerm Z2

64 x 128 dot matrix LCD display

Industrial Grade Temperature Range: 10-50C

20 button keypad

RS485 Communication Interface

Input voltage DC +12~24V

SmartTag RF

Lightweight at 6g, small diameter of 55 mm

Unique ergonomic design

RF Specification: ISO 15693 Standard

Unlimited read/write operations

SmartInit "Twin Towers"

Initializes 100 SmartTag RFs at a time

Less than 1 second per Tag initialization

Sturdy outer body for industrial handling

Built-in RFID initializer