## Real-Time Shop Floor Control

- Piecework or Hourly Payroll
- Production Tracking
- Quality Control
- Machine Parts Tracking
- Shipping and Receiving

Industry experience since 1976 and over 100,000 installed users in 17 countries,

Byte is the most advanced and mature Shop Floor Control System to the sewn products industry. Based on off the shelf Wi-Fi technology utilizing Android tablets.

- In-house Development
- Made in USA
- Flexible & Customizable
- Batch + Real Time, Hybrid or Both

Scan QR Code ticket

### COST ADVANTAGES

**Cut excess labor cost**
**Higher productivity**
**Lower wip inventory**
**Reduce payroll errors**
**No bundle ticket coupons**
**Reduce payroll processing**

### OPERATIONAL ADVANTAGES

**Reduce labor**
**Faster throughput/less WIP**
**Balanced lines**
**Better employee morale**
**Lower turnover**
**Improved quality**
**More accurate payroll**
**Clock in/out at workstation**
**Quicker response time**

### TECHNICAL ADVANTAGES

**Sql database** - for flexibility and performance.
**Tablets** - Android
**Wireless** - no wired installation required.
**Connectivity** - direct integration with Byte's payroll and ERP modules.
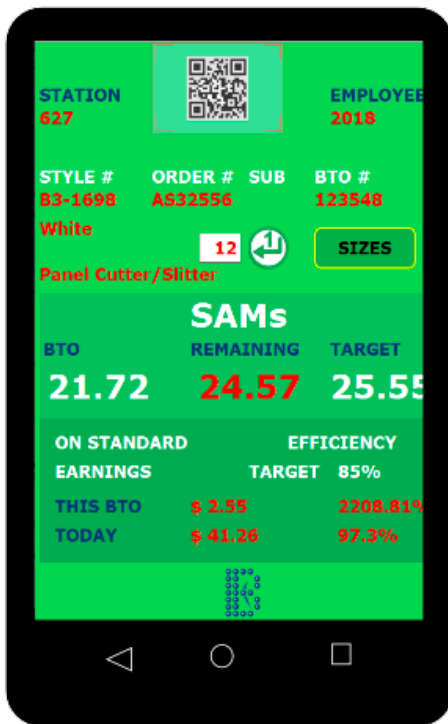**Reliable** - stores transactions when network down.

### OPERATORS / EMPLOYEES

**Time** - replaces punch clock for in/out and breaks.
**Pacing** - helps operator achieve target
**Always on** - camera, for easy qr/bar code scanning.
**Simple** - intuitive user interface.

### SUPERVISOR APP

**Operators** - track operator efficiency
**Off-Standard** - direct or remote off standard approval
**Repairs** - track bundle or unit repairs
**Production** - track WIP through assigned sections
**Support** - get instant notification of operator calls

www.atlatt.com • sales@atlatt.com

**Atlanta Attachment Company**
a Division of
**HSM**

362 Industrial Park Drive
Lawrenceville, GA 30046
**+1 (770) 963-7369**

Production App



WIP Status on
Supervisor App

**A uniquely redefined Shop Floor Control and piecework payroll system based on inexpensive, off-the-shelf, Wi-Fi enabled Android Tablets is simple to learn, deploy and operate. Byte's software suite includes a bundle tracking system which has been reinvented from the ground up. It was co-developed with sewn products manufacturing customers and is now a shop floor system that satisfies the software requirements of large and small manufacturing companies AT AN AFFORDABLE COST.**

From WIP tracking through Piecework Payroll and all of the HR issues associated with a sewn products manufacturing company are available with software modules from Byte's ERP Software Suite.

Simple to deploy, the system operates over standard Wi-Fi protocol and requires no network wiring or unusual proprietary hardware. Deploy and train in days rather than weeks. The Android Tablets have an app that keeps the camera on so that passing a Bundle tag with a QR code in front of it, records the bundle number. The tablet itself has an ID setup in Byte to Identify which operation is being performed at that station and the operator logs into the tablet in order to credit the work to the right operators. Each of the transactions is time stamped to allow for efficiency and pay calculations.

Using this advanced technology, operators are able to quickly log in or perform routine functions simply by scanning their employee badge. The ability to automate common tasks for both operators and supervisors adds efficiency to the manufacturing process.

## There are four primary APPs available for BYTETIME™

**Operator** – As described above and much more.

**Supervisor** – Receives Off-Standard call from operator and allows approval from the floor or desk. Tracks off standard, efficiencies, WIP and repairs.

**Quality** – Full QC and statistical analysis for in-line, final,block and product inspections with normal and accelerated AQL tables.

**Equipment** – Mechanics monitor operator or supervisor calls for maintenance. Machines by ID are analyzed and scheduled for repairs.

All administrative chores are performed seamlessly between the tablets and the database that insures instant validation and synchronization between the tablets and the database.

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