



## Controlled Inspection & Audit CIA



Troubled by quality control issues that you just can't seem to nail down? Are you positive you know where your defects stem from? What operator, what machine, what operation? And if you are capturing this information, are your quality auditors bogged down in paperwork instead of spending time auditing? Byte's Statistical Quality Control product, Controlled Inspection & Audit (CIA), can help you with these challenges.

CIA, which is an in-line, block and final quality control system, is an add-on package to the Piecework Apparel Computer (PAC) system. The CIA system utilizes wireless technology to provide a real-time solution that helps significantly reduce the administrative time spent documenting quality problems on the sewing floor. Newly added Block Inspection program allows for "final" type inspections to be done in-line.

### Benefits

- **Fast troubleshooting:** Focuses attention where corrective action is necessary. Eliminates lag time between identifying defects, understanding the problem and taking corrective action.
- **Eliminating guesswork:** Provides data so that decisions are based on fact, not opinions.
- **More effective management:** Enables in-line inspectors to accept more responsibility and gives supervisors the information they need to direct improvements.
- **Reduced paperwork load:** Wireless scanning of bar code data on plant floor saves time and eliminates errors.
- **Lower quality management costs:** Reduced administrative overhead frees resources for additional inspections.
- **Higher on-standard time:** Helps employees' earnings to grow.
- **Better labor productivity:** Makes all personnel more conscious and understanding of how information is used and its importance to quality production and job security.
- **Heightened morale:** Supervisors are able to be more positive and encouraging with operators, less reprimanding.
- **Greater teamwork:** Helps bind together operators, supervisors and inspectors.

### Powerful Automated Functions

An additional "quality" bar code is printed on the existing bundle tickets. Quality auditors carry a hand held scanner that is used to scan the bundle number and operation numbers that are being audited. The auditor keys in the sample size, the defect code, the quantity by defect, and the employee number. This information is instantly stored in BYTE's database on the server and can be used in reports, graphs, and feedback to the floor.

There are a number of statistical quality control reports that can be generated by the system. Pareto charts by employee, by defect type, by style, by sew line, and by skill are available. Also available are P-charts, bar charts, pie charts and x-Bar/R charts.

Immediately know your problem areas and solve those problems to virtually eliminate sewn-in defects. Find defects today or tomorrow, not two to three weeks from now.

Final auditing, block inspections, re-inspections, variable auditing with measurements, and finished goods auditing, and bundle and sample re-inspection are also possible with the CIA system. Need a specific report that you are used to? We can customize reports to fit your requirements.



Pocket PC 2002 Symbol Scanner - scanning bundle ticket

### The Time Is Now

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<b>FEATURES CHECKLIST</b>		
<b>Feature</b>	<b>PAC without CIA</b>	<b>PAC with CIA</b>
Additional "quality" bar-code printed on PAC bundle ticket		✓
Inspectors carry Wireless Pocket PC device to record audit data		✓
Real-time automated reporting, no paperwork required by auditor		✓
Perform re-inspections on samples at any time		✓
System tracks bundles and samples sent for re-work		✓
System captures inspector's information, i.e. Time spent per bundle, etc.		✓
Transaction history for quality reporting weeks and even months back		✓
A must for any company going through quality audits		✓
Keep history by plant, style, cut, employee, etc.		✓
<b>Printed Documents</b>		
Coupons Credited to Whom (who worked on a bundle)	✓	✓
Rejected Bundles Report		✓
Pareto Chart by Defect Type		✓
Pareto Chart on Employees by Defect Type		✓
Pareto Chart on Defect Types by an Employee		✓
Employee P-Chart, In-line Plant P-Chart		✓
In-line Inspector Audit Report		✓
X-bar/R Chart		✓