

BlueCherry® Statistical Quality Control (SQC)

Detect quality issues earlier, reduce rework, and deliver measurable ROI across production.

Overview

BlueCherry Statistical Quality Control (SQC) is an advanced Android-based application that enables real-time quality monitoring throughout garment production. By combining mobile flexibility with defect tracking and analytics, SQC helps manufacturers catch problems earlier—at the operator, operation, or production line level—before they escalate downstream. Whether caused by cutting errors, operator performance, or machines out of sync, these issues are far easier and less costly to fix during production than at the end of the line.

Businesses using SQC typically achieve **15–25% fewer defects**, **20% lower rework costs**, and faster corrective action cycles. These improvements reduce waste, cut scrap, and avoid costly recalls, protecting margins while supporting sustainability goals. With wireless connectivity, instant data capture, and real-time dashboards, SQC transforms inspections from reactive checks into proactive quality management—delivering measurable ROI and stronger customer satisfaction.

Key Features & Benefits



Real-time data capture

Inspectors log quality data instantly, detecting issues earlier and reducing defect-related rework costs by **20% or more**.



Wireless connectivity

Continuous data uploads provide up-to-date insights for immediate adjustments and corrections.



Comprehensive defect tracking

Capture defect codes, descriptions, and images to pinpoint whether problems stem from machines, cutting, or operator performance.



In-line quality control

Detect and resolve problems during production, reducing downstream rework and cutting scrap rates by **15–25%**.



Data-driven decisions

Dashboards highlight trends at the operator, operation, or style level, enabling targeted corrective action that improves yield and consistency.

Only BlueCherry Offers

- 1 Mobile flexibility** – In-line, end-of-line, and operator-level inspections from any Android device, saving inspection teams time while improving accuracy.
- 2 Real-time performance insights** – Monitor KPIs, defect rates, and operator trends to keep production aligned and efficient.
- 3 Early detection = ROI** – Fixing mistakes during production is significantly faster and less expensive than post-production rework, lowering waste and protecting margins.
- 4 Sustainability benefits** – Reduces scrap and excess material usage, aligning cost savings with ESG initiatives.



Technical Specifications

Platform: Android-based mobile app with centralized server integration.

Connectivity: Real-time wireless data upload for immediate visibility across production.

Analytics: Dashboards and reporting for defect trends, root cause analysis, and operator performance.

Coverage: Supports in-line, end-of-line, operator, and style-level inspections.

Use Cases

- **In-line inspections** – Detect issues at the operator or operation level, allowing corrective actions before they move downstream.
- **Root cause analysis** – Analyze defect history to identify recurring machine, cutting, or operator issues and prevent repeat errors.
- **Production floor quality inspections** – Reduce defect rates by **15–25%**, cutting costly rework and scrap.
- **End-of-line checks** – Verify quality at final stages while leveraging in-line insights to minimize surprises and costly waste.
- **Waste & rework reduction** – Early detection lowers scrap, reduces rework, and improves efficiency—helping companies achieve measurable savings year over year.
- **Recall avoidance** – By preventing defects from leaving the factory, manufacturers reduce the risk of recalls that can have significant financial and reputational consequences.

Reduce defects, cut rework, and drive ROI with BlueCherry SQC.

Learn more at [BlueCherry.com](https://bluecherry.com) | Contact us at bluecherry@cgsinc.com.