

BlueCherry Shop Floor Control (SFC)



Overview

BlueCherry® Shop Floor Control (SFC) is a comprehensive, cloud-based solution that enables real-time production tracking, detailed dashboarding, and advanced analytics for manufacturing operations. This technology provides visibility across the factory floor, capturing data from various production processes in real time.

SFC solves the problem of limited visibility into production processes and helps businesses to make data-driven decisions in real-time, improving productivity, and reducing downtime and costs. It provides enhanced operational transparency, faster issue resolution, and overall efficiency improvements.

Key features and benefits

Real-time visibility and responsiveness

- Immediate insights into operations, helping managers and executives respond quickly to bottlenecks, quality issues, or production delays.
- Provides up-to-the-minute views of key performance indicators (KPIs), work-in-process (WIP), and production milestones.

Productivity gains and cost reduction

- Minimizes production delays, reduces waste, and optimizes resource utilization to increase profitability.
- Reduces non-productive time and costs while boosting productivity, leading to better financial outcomes.

Workforce empowerment

- Empowered workers are informed and motivated, resulting in better performance, teamwork, and reduced absenteeism.

- Equips operators with smart workstations, providing real-time productivity tracking, instructional videos, and assembly guidelines.

Advanced analytics and better business decisions

- With visibility into production issues and predictive analysis, enjoy enhanced decision-making capabilities that improve operational strategies.
- Integrated Business Intelligence (BI) tools allow engineers and executives to analyze production data for insights and trends.

Corporate social responsibility and compliance

- Retailers and brands gain clarity on supplier compliance, ensuring ethical labor practices and fair compensation.
- Offers transparency into incentive payroll systems and labor law compliance across the production process.

Only BlueCherry offers

Global insights into production milestones

provide visibility across multiple locations, enabling executives to make informed decisions about where to place orders and how to handle production bottlenecks.

Seamless integration with cloud and wireless technologies:

an easy-to-deploy, multilingual solution that integrates seamlessly with factory operations, ensuring data is captured in real time.

Workforce empowerment tools:

from productivity tracking to instructional content, SFC empowers workers to be more efficient, reducing downtime and absenteeism.

Industry-leading team experience:

Our specialists have decades of direct involvement in apparel and manufacturing, offering clients deep industry knowledge, practical solutions, and expert support tailored to the unique demands of fashion production environments.

Technical specifications

Data acquisition hardware: Supports industrial-grade tablets and IoT-enabled devices for direct data capture from production lines, quality control stations, and other shop floor endpoints.

Wireless connectivity: Utilizes secure Wi-Fi and cloud-based protocols to transmit production data in real time from factory floor devices to centralized management dashboards.

System integration: Offers standard APIs and connectors for seamless integration with ERP, payroll, and business intelligence (BI) systems, enabling unified data flow and advanced analytics.

Cloud-based architecture: Built on a scalable, multilingual cloud platform, providing secure, remote access to real-time production data and dashboards from any location.

Use cases

Improved production efficiency: a manufacturer uses BlueCherry® SFC to eliminate manual production tracking and reduce downtime. Real-time data on machine performance and worker productivity helps the plant manager identify and resolve inefficiencies quickly, resulting in increased output and cost savings.

Enhanced workforce efficiency: operators can use smart workstations to track their productivity, access instructional materials, and adjust workflows to meet goals, improving overall output.

Real-time issue resolution: a global apparel company uses SFC to monitor production lines in multiple factories. The system provides alerts about potential bottlenecks, allowing managers to take corrective action before delays escalate, ensuring on-time delivery of customer orders.

“

STAR GARMENTS

BlueCherry Shop Floor Control's real-time data enables team members at various levels to make informed versus informal decisions. Now we can solve issues as they happen.

– Arumugampillai Sukumaran,
Managing Director of Star Garment Group

Ready to transform your production process?

Schedule a Demo today to see how BlueCherry® SFC can improve your manufacturing efficiency and decision-making.