

PRODUCT SHEET

BlueCherry Shop Floor Control

Real-time production visibility and AI-driven action for every team in your fashion brand

Late orders, hidden bottlenecks and recurring defects surface only when they hit margin, delivery or the customer.

BlueCherry Shop Floor Control (SFC) and MES capture work-in-process, output, labor, line performance and quality as production happens, then apply Blu AI to that data.

AI Chat lets authorized users ask plain-language questions about production, while AI agents monitor the floor, flag exceptions and recommend next steps, so teams can act in time to protect cost, quality and on-time delivery.



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See what is happening on the factory floor

01 **Live production and WIP:** Track work orders, progress and output across operators, lines and factories, with AI highlighting bottlenecks and slipping orders earlier.

02 **Labor and performance:** Review labor, efficiency, earned time and standard-minute performance, with AI surfacing where line balance or staffing could lift output.

03 **Quality and corrective action:** Capture defects at the station and let AI spot recurring patterns so problems get an owner and a fix, not just a report.

03 **Connected execution:** Link production data with ERP, planning, inventory, customer order, quality and workforce workflows, giving AI the business context to make recommendations meaningful. Integration scope depends on the environment.

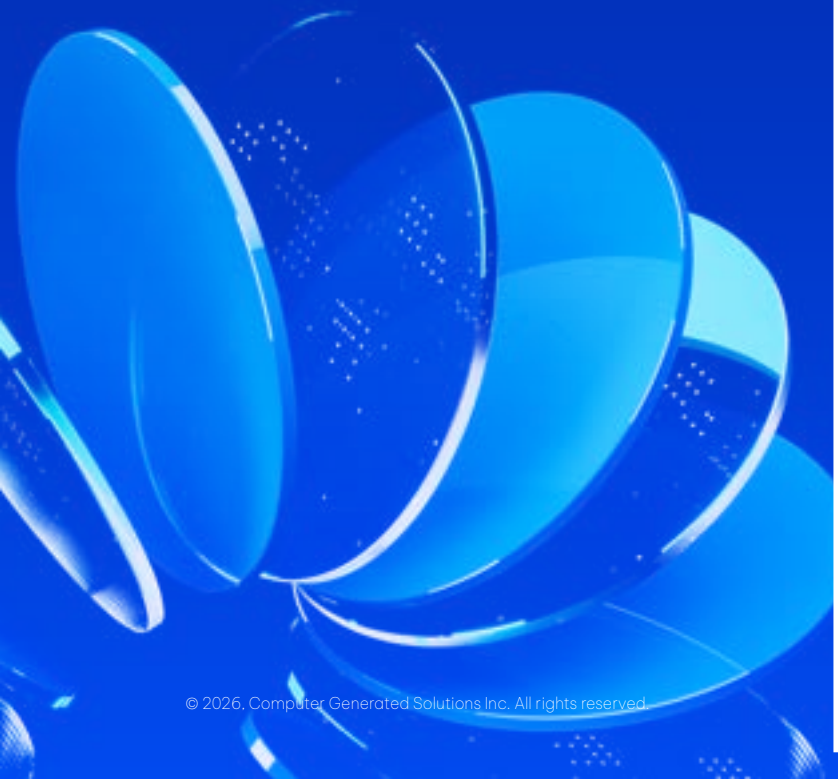
Supervisors resolve constraints before the shift ends instead of reconciling reports the next day, and managers compare performance and quality consistently across lines and factories.

Built for the floor: Industrial tablets and IoT-enabled devices capture data at production and quality stations. Smart workstations give operators productivity feedback, instructional content and assembly guidance, while managers monitor WIP, milestones and performance across locations.



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Factory intelligence for the whole leadership team



01 **Production managers:** See real-time WIP to prioritize orders and clear bottlenecks as they form, with AI agents flagging what needs attention first.

02 **Operations leaders:** Compare lines, factories and suppliers on live WIP to spot capacity, quality or delivery risk before it builds.

03 **CEO:** Track real-time WIP, throughput and delivery exposure, and ask AI Chat direct questions instead of waiting for the next report.

04 **Finance:** Link real-time WIP to labor, rework and delays to see cost and margin exposure sooner, with clearer incentive-payroll transparency.

05 **IT:** Deploy a cloud-accessible, API-connected platform with role-based access, defined integrations and governed AI access through BlueCherry Connect.

06 **Design, sourcing and allocation:** Understand how recurring quality issues affect styles and constructions, and see which materials, inventory or customer commitments need attention.

Role-appropriate access, applied to both dashboards and AI, gives each person the right level of detail: delivery and throughput risk for executives, exactly where work is held up for supervisors, and one shared set of facts for everyone.

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AI Everywhere: from factory signals to action

01 **Ask, don't search.** Blu AI Embedded Chat lets authorized users question connected production data in plain language: "Which orders are at risk today?" "What is driving lower efficiency on this line?" "Which defects keep recurring?" "Which customers could a delay affect?" Answers reflect the data and context each user is permitted to see.

02 **Agents that never stop watching.** AI agents monitor defined conditions continuously, even when your team is focused elsewhere. They pull together the relevant context, flag exceptions and recommend or coordinate next steps within agreed permissions, with human review and approval wherever risk, policy or configuration requires it.

03 **Governed AI access for IT.** BlueCherry Connect provides the MCP-based connection that lets approved AI experiences retrieve authorized production and business context. Each implementation defines data sources, user permissions, approved models, action boundaries and token-usage management.

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Agents for production, quality and delivery

01 **Production Management:** Agent Monitors WIP, order priorities and progress to put the work that needs attention in front of the right person.

02 **Line Balancing and Labor Optimization Agents:** Evaluate work content, staffing, skills, workload and line performance to recommend adjustments that help raise output.

03 **Delay Recovery Agent** Connects factory delays to inventory and customer commitments so teams can weigh recovery options and protect delivery.

04 **Quality Exception Agent:** Identifies recurring defects and affected work, then helps drive corrective action with a named owner to improve first-time quality.

05 **Supplier Factory Agent** Monitors authorized supplier production and escalates issues according to the agreed workflow.

One production issue, a coordinated response

A line falls behind plan. An AI agent detects the exception and assembles approved order, production, inventory and delivery context. The production manager reviews causes and recovery options. Operations and allocation teams see affected commitments, finance sees cost exposure, the CEO can ask AI Chat for the status, and product and quality teams can investigate root causes. When configured and authorized, follow-up tasks and approved workflow steps are routed and tracked.

Prove value fast. Start with one line, factory or supplier group and measure against today's process: time to identify a delay, time to assign a response, recurring defect rates, throughput and on-time completion. Then expand as results are validated.

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Extend visibility to everyone. Use AI for better quality and higher output.

BlueCherry AI SFC

gives every team, from the line to the boardroom, the same real-time view of production and the AI to act on it. Request a demo or discuss a Quick-Start for your production environment:

Contact us at **sales@cgsinc.com**
or visit **www.BlueCherry.com**

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BlueCherry by CGS

The right fit

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