shop floor automations

Company Profile

Manage. Measure. Improve.

Shop Floor Automations (SFA) is committed to providing each of its customers individualized solutions for their manufacturing automation needs. By offering an extensive collection of software and hardware products, SFA can scale its automation solutions to customers of any size and range, regardless of needs. SFA's focus is on building lasting partnerships with its customers and striving to understand what customers manufacture, what production tools and methods they currently utilize, and in what ways we can help improve their manufacturing processes.

Shop Floor Solutions:

- DNC Networking & Communications
- Manufacturing Data Collection
- File Management
- Job Management
- Tool Management
- Hardware

Shop Floor Automations Background

Founded in 1998, Shop Floor Automations is one of the largest distributors of DNC networking, communications and automation solutions in the United States. Located in La Mesa, California, near San Diego, the company maintains multiple regional offices to better serve its wide customer base with industry leading customer service and sales support.

For more than ten years, SFA has partnered with many software and hardware leaders to bring the best solutions to your manufacturing company. Integration into your business systems and factory is the key in making any off the shelf product exceed your expectations. SFA provides direct sales, service and support for the Predator Software products and is recognized as the largest distributor in the USA.

SFA provides the sales, service and support of shop floor networking and communications, data collection and machine monitoring, file management, job management, and tool data management. SFA's solutions help manufacturers and machine shops solve real world shop floor automation problems.

SFA remains committed to investing in the resources it takes to stay the recognized industry leader in shop floor automation technologies.

"Every day more and more manufacturing companies come to rely on SFA for shop floor solutions, services, and expertise to increase their manufacturing productivity and profitability."

- Greg Mercurio, President

Follow Shop Floor Automations Online:

Shop Floor Automations: Solutions for Job Shops and Manufacturers.

shopfloor communications

Connect, Control, Communicate.

SFA provides communication solutions for your shop floor that allow you to connect virtually any piece of equipment. We offer wireless and wired DNC networks that connect older RS232 equipment, as well as new Ethernet and FTP-based machines allowing bi-directional communication, including drip feed to an unlimited number of machines. If software-based solutions are not a good fit, SFA offers hardware communication solutions utilizing Palm PDAs, portable USB to RS232 devices, 3.5 inch floppy drive emulators and BTRs. Our industrial line of RS232 and Ethernet cables easily integrate with multi-port hubs and device servers enabling a common backbone to virtually any network.

shopfloor data collection

Measure, Analyze, Improve.

SFA recognizes how difficult it is to improve something that cannot be measured. Our flexible data collection solutions allow manufactures of any size to measure the current performance of their shop floor, analyze root causes of lost time, non-value added activities and improve the productivity of their shop floors. Everything from CNCs and Robots to assembly and inspection processes can be tracked by our solutions. Real-time updates of status and productivity (including OEE) can be provided to the shop floor, supervisors, and even to customers and management via the web.

shopfloor file management

Edit, Track, Control.

Manufacturing document control is no longer optional on the shop floor. Our file management solution allows small, medium or even large manufactures to take control of what files are being edited, viewed, printed and downloaded. From simple editing solution to full enterprise Product Data Management (PDM) integration, our solutions can be scaled to help control virtually any file management issue.

shopfloor job management

Schedule, Plan, Organize.

Plan, schedule and track work orders from any work station. Our job management solutions provide real-time job status, current utilization and availability, and accurate delivery dates. At a glance, late jobs are displayed, bottlenecks identified, stoppages recognized and any missing manufacturing data can found immediately. Look up to 365 days into the future to find capacity and improve workflow. Look back at past performance to more accurately quote repeat work and analyze job profitability. Use our solutions stand alone or integrated with existing ERP, MRP and other estimating systems.

shopfloor tool management

Track, Organize, Save.

Our tool management solutions help you organize and manage tool, jig, gage and fixture data electronically and improve manufacturing processes and efficiencies in real-time. Check-in and out occurs with a simple bar code scan and automatically updates quantities, user location when used on the shop floor and recommendations for re-calibration.

Contact Information

To provide the highest possible level of service and support, Shop Floor Automations has the largest support staff in more locations in the automation industry. With support coverage in the Eastern, Central, Mountain, and Pacific Time zones, SFA technicians are available more hours than any other automation supplier. SFA also offers 24/7 support via our exclusive web-based call back system.

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