

SureFire ONLine Module Guide

Base Module

Here you will find the basic capabilities for a flexible quoting and ordering system. You can add/change/delete customer information, manage pricing, enter quotes or orders for your customers, copy quotes and orders, and process changes using our Mass Change Generator (things like changing all the glass from Low-E Clear to Low-E Tinted are a breeze with Mass Change). The Base Module features our award-winning Configurator for simply and precisely choosing the features you want from your Catalog, and have them priced instantly and correctly. Multi-Unit windows are a snap with SureFire ONLine's Opening Layout capabilities. With Bills of Materials loaded into SureFire ONLine, you can configure a window and get the glass with a simple button click. You can also print Acknowledgements and Opening Summaries as needed. The Base Module gives you the ability to print off your orders in a "Shop Ticket" format that gives your factory people all the information they need to fabricate the order, including a scaled drawing that shows the alignment points.

In-Home Sales/Field Measure Module

With this Module, you are equipped to manage your outside sales force doing In-Home presentations and pricing right in front of the customer. Call-ins can be assigned an appointment slot, and the sales person assigned on a single screen. Sales people pick up their appointments at any time right using SureFire ONLine. Once in the home, the sales person can enter the take-off directly to show the homeowner drawing details of the products, and can print off the Contract Documents right there. Field Measuring can be done with electronic measuring instruments directly connected to SureFire ONLine to feed the accurate dimension data directly to the Proposal. Once measured, the order is available for immediate release to the factory in SureFire ONLine.

Production Generation Module

With this Module, we give you flexible ways to take customer orders and roll them out on the Production Floor. Whether you are a batch producer, a Lean Manufacturing shop, or a stocking supplier, SureFire ONLine will make it easy to see the impact of orders on the Shop Schedule. Here we also create bin codes and assignments to provide tracking through the factory of each order item. Integrated Production Reporting and on-the-fly NFRC/Certification Label Generation is also featured in this Module. Work papers for the floor by Work Center are generated, with the option to selectively place Shop Floor Terminals anywhere in the factory. Full turn-around Production Reporting keeps everyone up to date about the status of the orders in the factory. Production Generation also includes the capability for Machinery Interface and Optimization. This provides the linkage between both automated and semi-automated equipment being used in the Manufacturing Work Centers. Here we generate the appropriate Interface Files to directly instruct the equipment with the dimensional and detailed data required to run the machines. In addition, the Lineal Optimization functions allow for the highest flexibility of cutting, by allowing dents or bad sections to be cut out and the remaining length optimized all over again to generate the smallest possible amount of waste. Any machine file needed can be generated.

Factory Labor Management

In this Module we place terminals throughout the plant near Work Centers, and allow employees to log in and out of Work Centers as the day progresses. The rate of production of the Work Center is captured in real time by the Terminals and the actual amount of labor logged into the Work Center is used to compute real time efficiencies as the work progresses. The Module can output to Payroll systems the actual amount of hours worked by each employee, replacing timeclocks for hourly workers.

Purchasing/Inventory

This Module uses the Bills of Material to compute the Allocations of raw material on a continual basis, providing an additional time frame of actual usage ahead of when the material will be pulled. Real time tracking of the quantity on hand allows orders to be evaluated against available inventory to determine shortages, and gives visibility to the Production Planning process that the order may be buildable. Auto-Buy features allow critical materials to be purchased as soon as the order is released in order to meet timely shipment dates. Material is tracked as it flows through Work Centers throughout the factory floor. Purchasing reports use predictive technology to determine potential outages in time to replenish the quantity levels. Incoming materials can be bar coded into the Quality Work Center before entering general stocks. Full Physical Inventories are easily performed in hours using this Module.

Shipment/Delivery Management

Here we use customer data to plan routes, trucks, and drops for every order. Routes are established using maps, customers are located on the maps and get assigned to the proper Route. As orders are released, they flow to the proper day to make the Route work, and get assigned to a truck, where they visually occupy space on that truck to assist with load planning. In so doing, the drops of the trucks are determined and planned. As production completes products, they are staged for the proper truck and then loaded via bar code into the correct drop on that truck. The use of smart phones enables GPS tracking of the truck and bar code-based offloading of the products at the customer's dock. Verification of the delivery is done in real time and is available to Customer Service, including any returns that may need re-work. Since we know the trucks being used and where they are going, we can do simple mileage-based maintenance checks on the trucks as a side benefit.

Service Management

This Module makes use of the "as-built" information to ensure that service parts needed to perform service work are accurately determined. Full access to the parts ensures correct glass sizes, shapes, and dimensions. Linkages of the order to the homeowner ensures follow-ups can be performed with the proper name and address information. Scheduling is performed on a visual scheduler, showing dates and resources, and allowing the scheduler to freely move tickets about to make a better route. Tickets are available via smart phone as well as can be printed. Tickets can be marked complete via smart phone or can be turned in as paper. Service truck mileage is also determined from the map data.

Accounting

Here we bring the invoices and vouchers payable together to allow for collections and bill-paying right inside SureFire ONLine. Customer payments can be applied against invoices, and check runs can be planned against vendor invoices. A simple General Ledger can be used to keep track of all the accounts normal to a Manufacturer. Simple Profit or Loss and Balance Sheets can be generated, and there is no limit to the number of years that can be saved for comparison purposes.

Product Definition Maintenance/Creation

This Module is used to create and maintain the SureFire Product Definition of your Catalog, including all pricing, dimensioning, and bills of material. Through the use of Templates, it is easy to setup additional products or modify existing products as the need arises. SureFire ONLine supports full Product Versions, so you can bring out new features and then release them consistently.