

## SigmaNEST Connected Shop

Software that connects people and processes into one holistic entity, transforming the ability to manage it effectively and efficiently.



### SigmaQUOTE

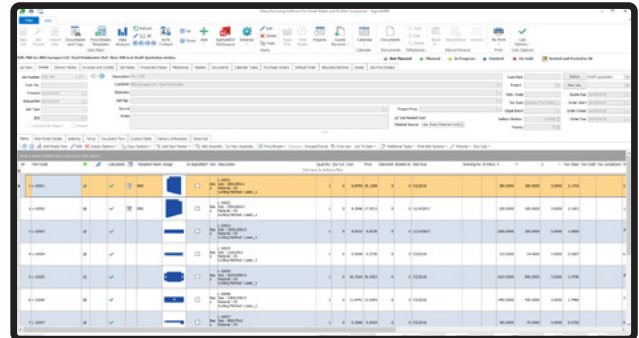
- **CRM:** manage customer relations
- **Assemblies:** configure assemblies/BOMs
- **Jobs:** create/manage quotes and production orders

#### USERS

**Estimators/Quoters**

**Sales Managers**

**Engineers configuring assemblies/BOMs**

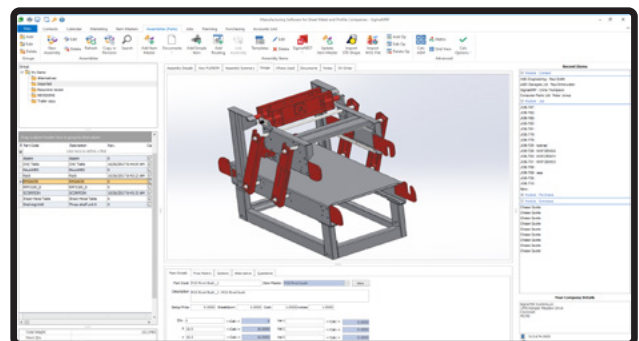


SigmaQUOTE



### SigmaMRP

- **CRM:** manage customer relations
- **Inventory:** create inventory items, manage stock levels, track material usage and availability
- **Assemblies:** configure assemblies/BOMs
- **Jobs:** create and manage quotes and production orders
- **Deliveries:** create and manager delivery notes to customers and dispatch notes to subcontractors
- **Invoices:** create and manage invoices/credit notes
- **Purchasing:** create and manage RFQs and Purchase Orders to suppliers and sub-contractors
- **Receiving:** receive material and book new items into inventory
- **Production Tracking:** real time progress of all jobs in production



SigmaMRP

## SigmaNEST Connected Shop

- **Accounting Integration:** sync accounting information to your accounting software  
Common integration include Sage, QuickBooks (online/desktop), Xero

### USERS

Office employees  
Order Entry  
Front Office  
Inventory Manager  
Estimators/Quoters  
Sales Managers  
Engineers configuring assemblies/BOMs  
Purchasing department  
Production Manager  
Accounting department



## SigmaSCHEDULE

- Complete scheduling solution for all operations/routing steps
- Pre-Schedule before accepting orders to understand due dates and capacities
- Automatic schedule adjustments based on new orders, changes to existing orders and shop floor/equipment changes
- Accurate schedule even after nesting

### USERS

Little to no interaction required. It runs continuously in the background with no need for regular interaction.



## Load Manager

- Assign/Release work to all workstations/routing centers on the shop floor
- Reschedule daily workflow to adjust for shop floor disruptions

### USERS

Production Manager  
Scheduler  
Shift Manager

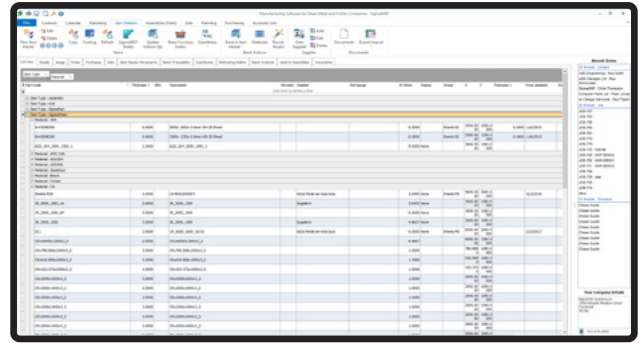


## Color Offload

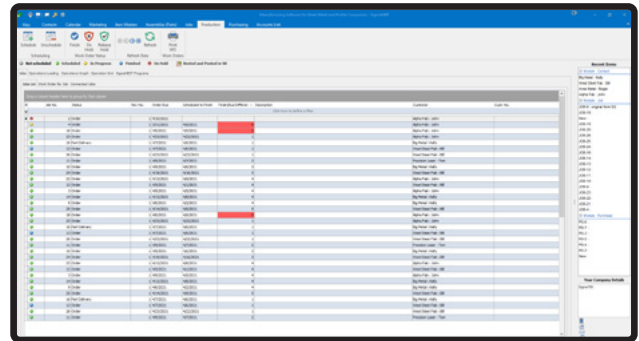
- Graphical display of the nest posted by SigmaNEST
- Report back when a program has been cut
- Reject parts for re-programming
- Adjust inventory based on sheets used
- Color coded display for easier de-nesting

### USERS

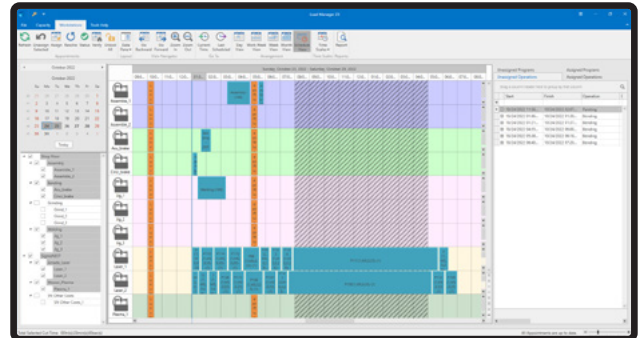
Operators of CNC machines  
programmed by SigmaNEST



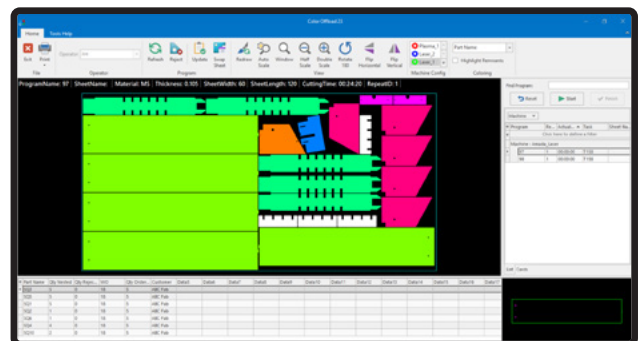
SigmaMRP



SigmaSCHEDULE



Load Manager



Color Offload

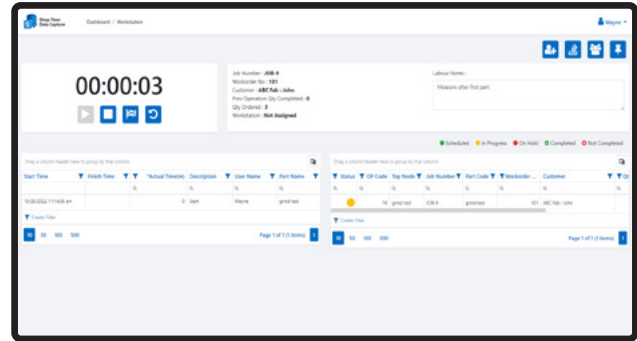


## Shop Floor Data Capture (SFDC)

- Simple and Secure web application designed for the shop floor
- Report back when operations/routing steps have been completed
- Adjust inventory based on material used (all material types)

### USERS

**Shop floor operators/employees performing operations/routing steps not programmed by SigmaNEST or SigmaCTL**



Shop Floor Data Capture (SFDC)

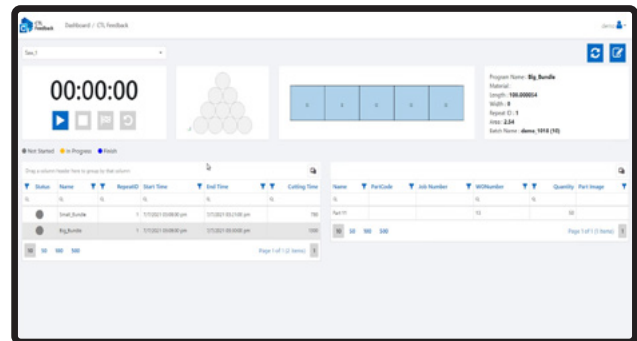


## CTL Feedback

- Simple and Secure web application designed for the shop floor
- Display of all programs posted by SigmaCTL
- Report back when programs are cut
- Adjust inventory based on material used (tubes, bars, beams...)

### USERS

**Operators of CNC machines programmed by SigmaCTL**



CTL Feedback

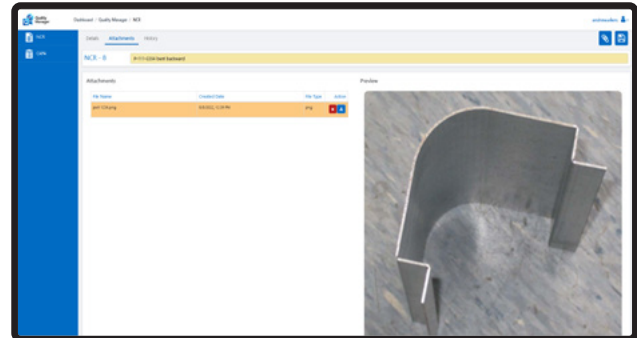


## Quality Manager

- Create and manage Non-Conformance Reports (NCRs)
- Create and manage Corrective Action/Preventative Action plans (CAPAs)

### USERS

**Quality Assurance engineer  
Quality Control department  
Quality/Process Improvement Manager**



Quality Manager

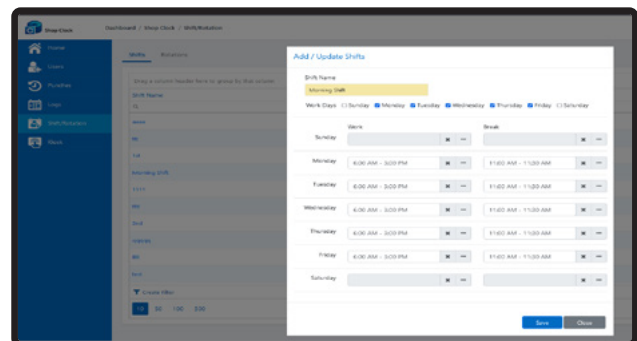


## Shop Clock

- Create and manage working shifts and rotation for all employees
- Display calendar to all employees
- Clock/Punch in and out for work and breaks
- Export all time punch data to major payroll software

### USERS

**All shop floor employees  
All office employees**



Shop Clock

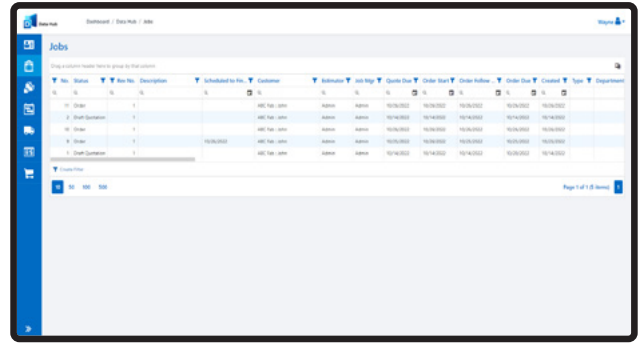


## Data Hub

- Simple and Secure web application designed for the shop floor
- Data viewer for anywhere in the shop
- View information such as: jobs, deliveries, work orders, inventory, the schedule...from anywhere in the shop

### USERS

**Any employee that needs/wants quick access to view data**



Data Hub

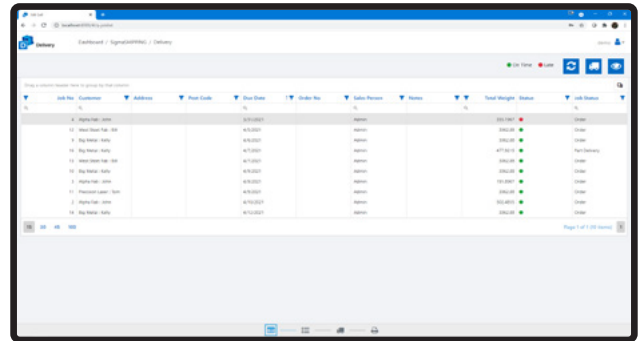


## SigmaSHIPPING

- Simple and Secure web application designed for the shop floor
- Deliveries: create and manager delivery notes to customers and dispatch notes to sub-contractors

### USERS

**Shop floor employees in the shipping department/area**



SigmaSHIPPING

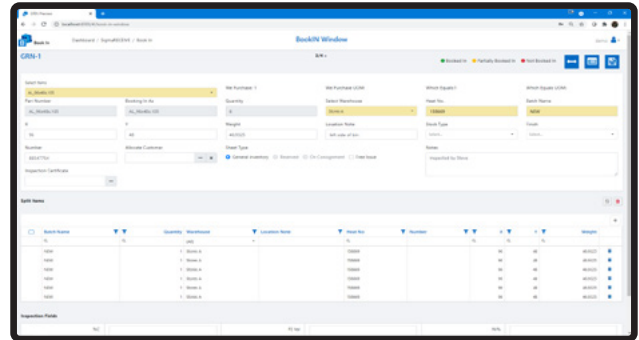


## SigmaRECEIVE

- Simple and Secure web application designed for the shop floor
- Receiving: receive material and book new items into inventory

### USERS

**Shop floor employees in the receiving department/area**



SigmaRECEIVE

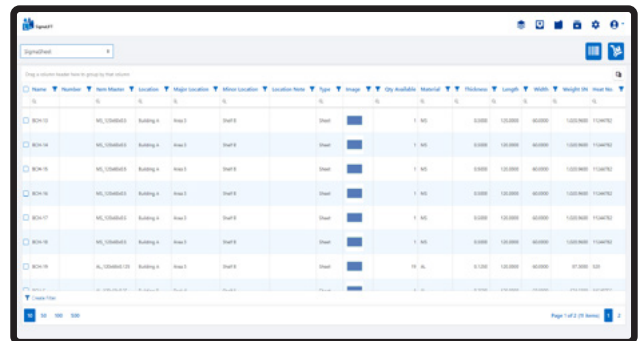


## SigmaLIFT

- Simple and Secure web application designed for the shop floor
- Manage and track the movement of material from one location to another on the shop floor

### USERS

**Material handlers  
Fork lift operators**



SigmaLIFT