ProShop

DIGITAL MANUFACTURING ECOSYSTEM

ERP • MES • QMS

Comprehensive Shop Management for Manufacturing in Regulated Industries

www.ProShopERP.com

ADION SYSTEMS

Overview

ProShop is best described as a Digital Manufacturing Ecosystem. Combining web based and paperless modules for ERP, MES, QMS, CMMS software and much more for machine shops, fabricators, job shops, contract manufacturers and others in regulated industries who need tight controls on their process and want exacting and timely information to make the best and most profitable decisions.

Built to manage the complex manufacturing environment better than anything else on the market - all integrated in a single, easy to use suite of tools. Never before has there been a system that gives you such insight into every detail of your manufacturing company in such an effortless way.

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RTAs
Workcells
Fixtures
Time Clock
Time Tracking
Messaging

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Procedures
Tasks
Training
Audits
Corrective Action Requests
Risk/Opportunity
Non-Conformance Reports
Return Material Authorization
Company Positions

Key Features

Dashboards
Inspection & Quality
Navigation
Reporting
Job Costing
Cert Management
Integrations

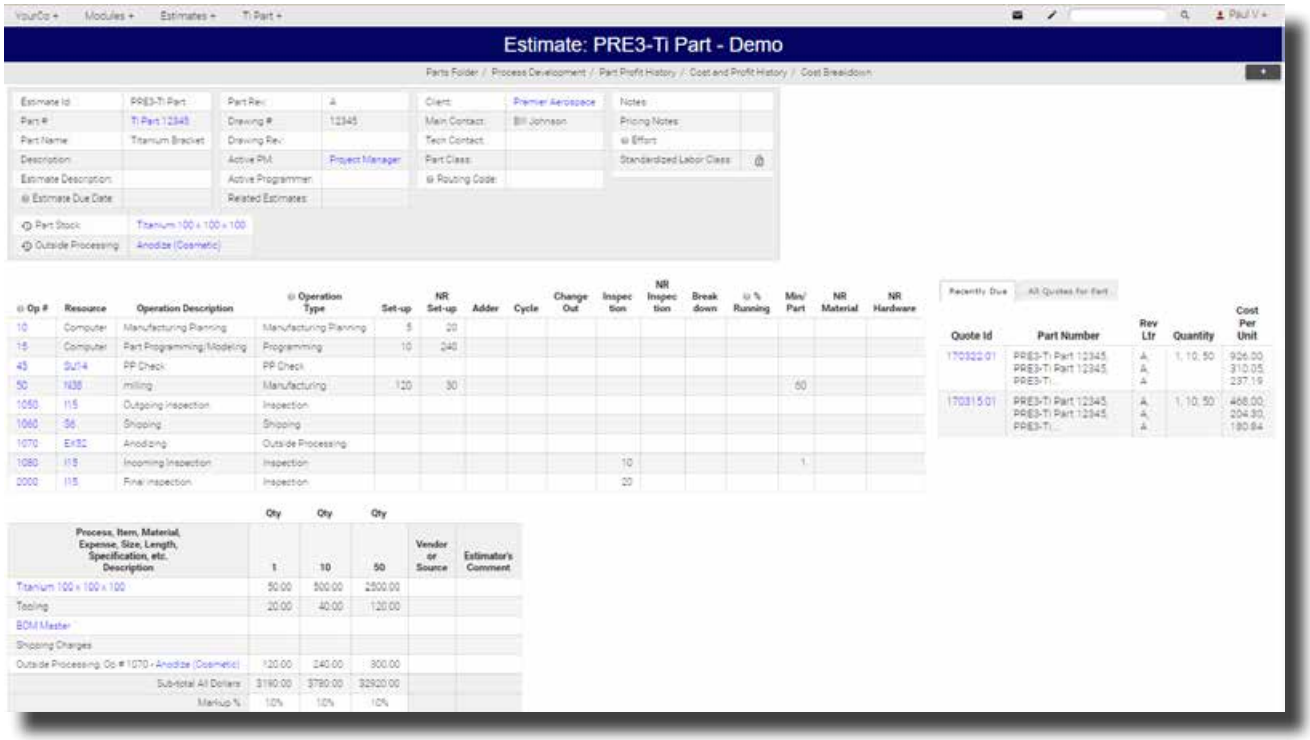
ERP

Our ERP functions allow you to keep track of your customers, orders, purchasing, inventory and much more inside of ProShop. With paperless and integrated work flows, it's never been easier to know exactly what is happening in your business.

Estimates

Make assemblies? ProShop will roll up every cost from every level of the BOM and choose the correct price breaks. Go as deep as you want and you'll know exactly how much each level of the BOM will cost and what to charge your customer.

The Estimating module allows you to create detailed estimates for parts or assemblies. Create any process flow for the part you are estimating, including labor time for set-up and cycle time, out-of-pocket costs for raw materials, BOM items, and out-of-plant processes. You can specify vendors and attach quotes for materials, specify lead times, mark up amounts or percentages, include detailed notes about operations and processes, etc. You can completely customize direct labor rates for every process, modify overhead burden rates, profit margins, sales commissions, etc. All estimates include a list of all quotes used to build the estimate.

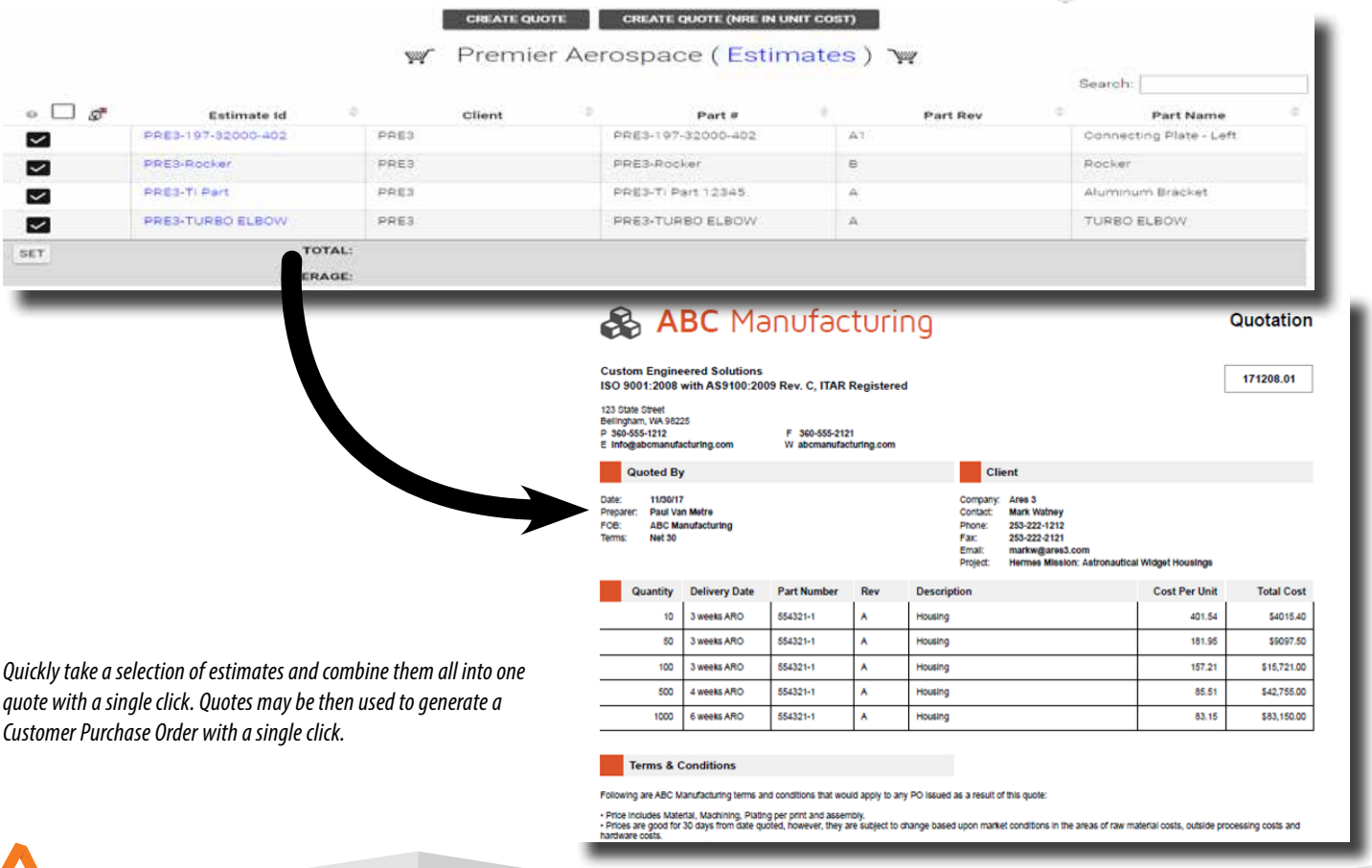


All data entered and created in an Estimate will be brought forward when the Estimate is turned into a Part. Similarly, when a Work Order is generated from a Part, all the same content will be referenced from the Part in the Work Order. This continuity of information helps to reduce errors, double entry and eliminates tribal knowledge in the organization.

Quotes

Once estimates are finalized, with a click you can generate a quote to send to a customer.

If quoting a larger package of parts, a shopping cart is used to combine multiple estimates to create a quote with multiple part numbers. Common notes to all parts are combined, and unique ones are itemized and identified by part number on the quote. All past quotes link to an archived copy of the related estimate, so the exact configuration of any historic estimate is easily viewable.



CREATE QUOTE | CREATE QUOTE (NRE IN UNIT COST)

Premier Aerospace (Estimates)

Search:

Estimate Id	Client	Part #	Part Rev	Part Name
PRE3-197-32000-402	PRE3	PRE3-197-32000-402	A1	Connecting Plate - Left
PRE3-Rocker	PRE3	PRE3-Rocker	B	Rocker
PRE3-Ti Part	PRE3	PRE3-Ti Part 12345	A	Aluminum Bracket
PRE3-TURBO ELBOW	PRE3	PRE3-TURBO ELBOW	A	TURBO ELBOW

SET TOTAL: ERAGE:

ABC Manufacturing

Quotation

Custom Engineered Solutions
ISO 9001:2008 with AS9100:2009 Rev. C, ITAR Registered

171208.01

123 State Street
Bellingham, WA 98225
P 360-555-1212 F 360-555-2121
E info@abcmanufacturing.com W abcmanufacturing.com

Quoted By

Date: 11/30/17
Preparer: Paul Van Metre
FOB: ABC Manufacturing
Terms: Net 30

Client

Company: Ares 3
Contact: Mark Watney
Phone: 253-222-1212
Fax: 253-222-2121
Email: markw@ares3.com
Project: Hermes Mission: Astronautical Widget Housings

Quantity	Delivery Date	Part Number	Rev	Description	Cost Per Unit	Total Cost
10	3 weeks ARO	554321-1	A	Housing	401.54	$4015.40
50	3 weeks ARO	554321-1	A	Housing	181.95	$9097.50
100	3 weeks ARO	554321-1	A	Housing	157.21	$15,721.00
500	4 weeks ARO	554321-1	A	Housing	85.51	$42,755.00
1000	6 weeks ARO	554321-1	A	Housing	83.15	$83,150.00

Terms & Conditions

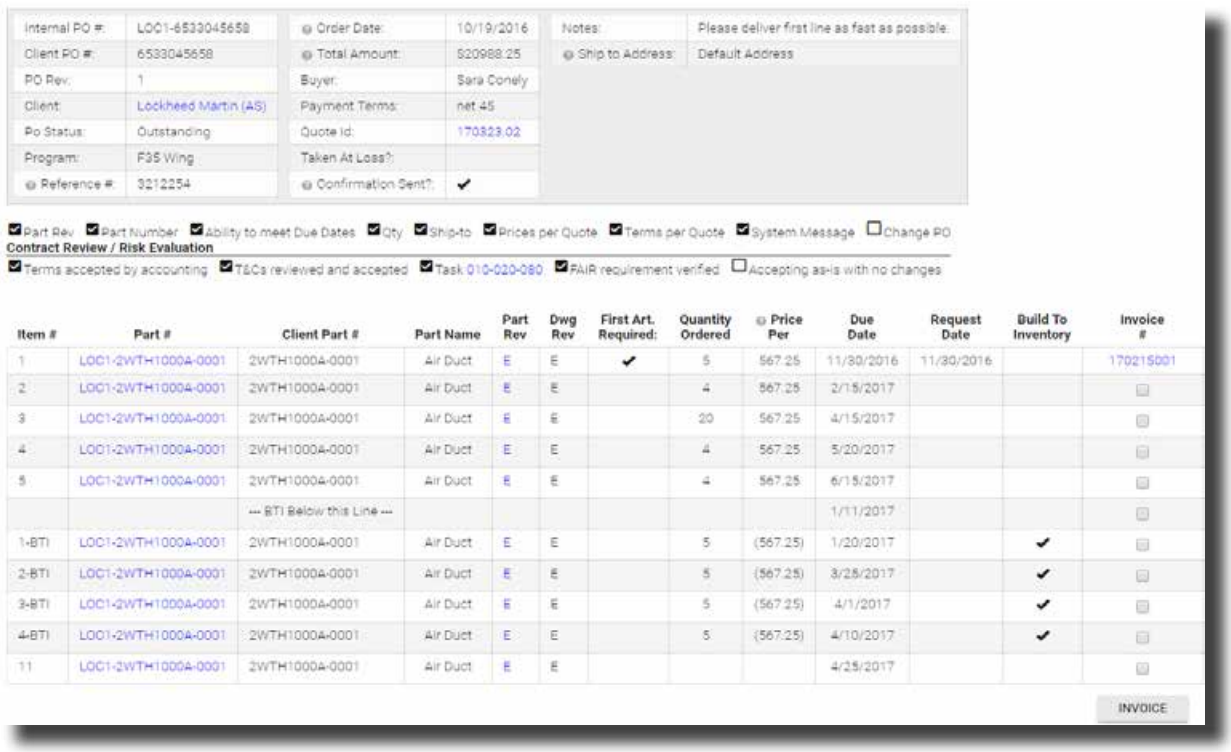
Following are ABC Manufacturing terms and conditions that would apply to any PO issued as a result of this quote:

- Price includes Material, Machining, Plating per print and assembly.
- Prices are good for 30 days from date quoted, however, they are subject to change based upon market conditions in the areas of raw material costs, outside processing costs and hardware costs.

Quickly take a selection of estimates and combine them all into one quote with a single click. Quotes may be then used to generate a Customer Purchase Order with a single click.

Customer PO

This module tracks every customer order with information about prices, delivery dates, Work Order numbers, First Article Inspection (FAI) requirements, etc. When a customer sends you a purchase order based on a quotation sent to them, you can quickly turn that quotation into a customer PO with one click. POs may be created from scratch as well by entering the part numbers, prices, delivery dates, etc., for each line item. Delivery locations are fed from the Customer Contact page, as are credit terms, primary contact, etc. Full ISO-9001 and AS9100-compliant contract review functionality is built right into Customer POs as well, allowing you to easily confirm POs without ever printing a single piece of paper.



Internal PO #:	LOC1-6533045658	Order Date:	10/19/2016	Notes:	Please deliver first line as fast as possible.
Client PO #:	6533045658	Total Amount:	$20988.25	Ship to Address:	Default Address
PO Rev:	1	Buyer:	Sara Conely		
Client:	Lockheed Martin (AS)	Payment Terms:	net 45		
Po Status:	Outstanding	Quote Id:	170323.02		
Program:	F35 Wing	Taken At Loss?:			
Reference #:	3212254	Confirmation Sent?:	✔		

☑ Part Rev ☑ Part Number ☑ Ability to meet Due Dates ☑ Qty ☑ Ship-to ☑ Prices per Quote ☑ Terms per Quote ☑ System Message ☐ Change PO

Contract Review / Risk Evaluation

☑ Terms accepted by accounting ☑ T&Cs reviewed and accepted ☑ Task 010-020-080 ☑ FAIR requirement verified ☐ Accepting as-is with no changes

Item #	Part #	Client Part #	Part Name	Part Rev	Dwg Rev	First Art. Required:	Quantity Ordered	Price Per	Due Date	Request Date	Build To Inventory	Invoice #
1	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E	✔	5	567.25	11/30/2016	11/30/2016		170215001
2	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E		4	567.25	2/15/2017			
3	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E		20	567.25	4/15/2017			
4	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E		4	567.25	5/20/2017			
5	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E		4	567.25	6/15/2017			
		--- BTI Below this Line ---							1/11/2017			
1-BTI	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E		5	(567.25)	1/20/2017		✔	
2-BTI	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E		5	(567.25)	3/25/2017		✔	
3-BTI	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E		5	(567.25)	4/1/2017		✔	
4-BTI	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E		5	(567.25)	4/10/2017		✔	
11	LOC1-2WTH1000A-0001	2WTH1000A-0001	Air Duct	E	E				4/25/2017			

INVOICE

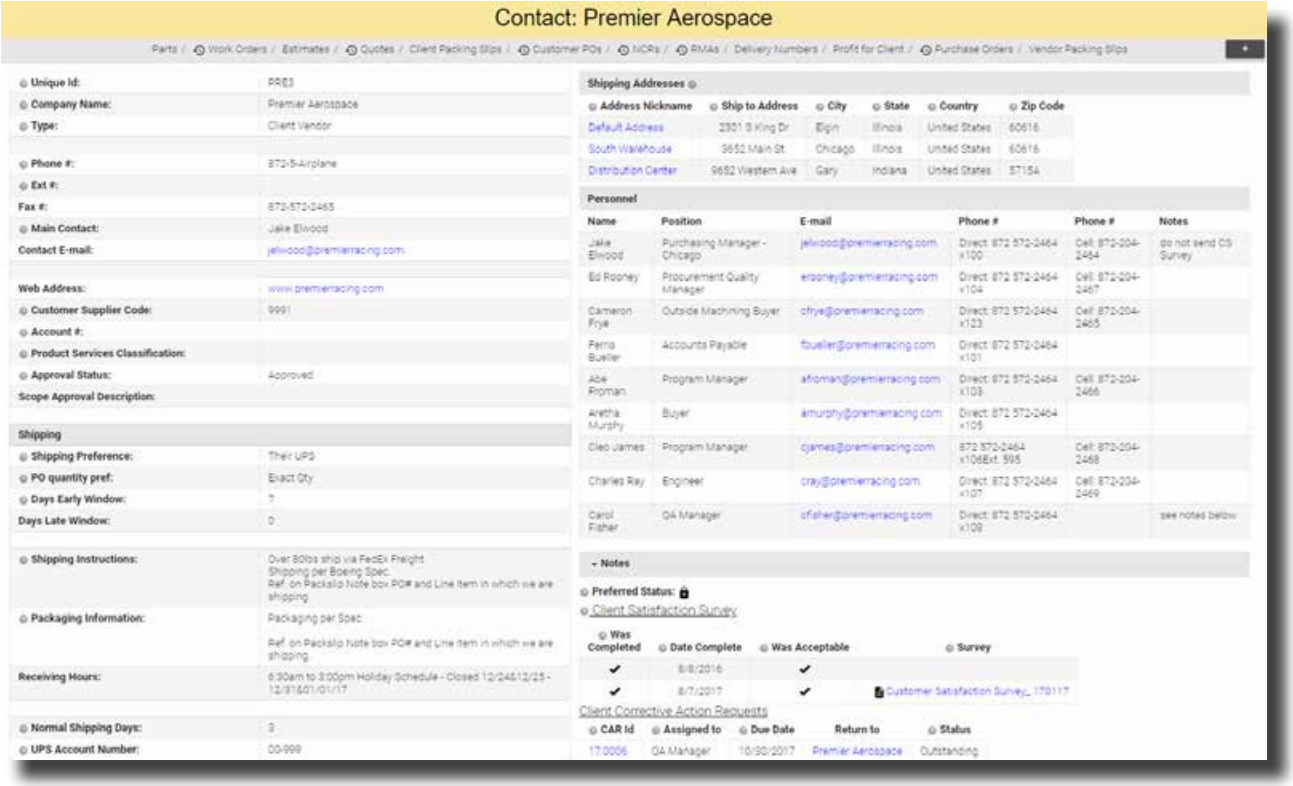
Make to order or make to stock? ProShop handles them both adeptly. Model the exact way your customers order and how you want to build and deliver product.

Contacts

This is where you keep track of anyone you communicate with outside the company. All customers, vendors, and other types of contacts are managed here. For customers, you can include any number of individuals with their emails, phone numbers, notes, etc. All customer quality requirements, shipping addresses, credit terms, receiving hours, or any other information needed is tracked and managed here.

This page also offers quick links to that customer's Work Orders, Purchase Orders, historic profit numbers, on-time delivery, customer satisfaction survey results, and more. Access any company level documents such as workmanship standards, cosmetic requirements or any other documents referenced by the company.

In addition, many client preferences are defined on their contact page. Those preferences drive specific behavior on the Work Orders for those clients. These settings included First Article format preferences, cert requirements, shipping and packaging methods or guidelines, and much more. This can save considerable time preparing document packages and ensuring you communicate as consistently as possible with those clients. For vendors, you can manage all their processes, lot charges, audit results, hours, delivery transit times, employee contacts and more.



Contact: Premier Aerospace

Parts / Work Orders / Estimates / Quotes / Client Packing Slips / Customer POs / NCRs / RMAs / Delivery Numbers / Profit for Client / Purchase Orders / Vendor Packing Slips

Unique Id:	PRE3
Company Name:	Premier Aerospace
Type:	Client Vendor
Phone #:	872-5-Airplane
Ext #:	
Fax #:	872-572-2465
Main Contact:	Jake Elwood
Contact E-mail:	jelwood@premierracing.com
Web Address:	www.premierracing.com
Customer Supplier Code:	9991
Account #:	
Product Services Classification:	
Approval Status:	Approved
Scope Approval Description:	

Shipping

Shipping Preference:	Their UPS
PO quantity pref:	Exact Qty
Days Early Window:	7
Days Late Window:	0
Shipping Instructions:	Over 80lbs ship via FedEx Freight Shipping per Boeing Spec Ref. on Packslip Note box PO# and Line item in which we are shipping
Packaging Information:	Packaging per Spec Ref. on Packslip Note box PO# and Line item in which we are shipping
Receiving Hours:	6:30am to 3:00pm Holiday Schedule - Closed 12/24&12/25 - 12/31&01/01/17
Normal Shipping Days:	3
UPS Account Number:	00-999

Shipping Addresses

Address Nickname	Ship to Address	City	State	Country	Zip Code
Default Address	2301 S King Dr	Elgin	Illinois	United States	60616
South Warehouse	9652 Main St	Chicago	Illinois	United States	60616
Distribution Center	9652 Western Ave	Gary	Indiana	United States	57154

Personnel

Name	Position	E-mail	Phone #	Phone #	Notes
Jake Elwood	Purchasing Manager - Chicago	jelwood@premierracing.com	Direct: 872 572-2464 x100	Cell: 872-204-2464	do not send CS Survey
Ed Rooney	Procurement Quality Manager	erooney@premierracing.com	Direct: 872 572-2464 x104	Cell: 872-204-2467	
Cameron Frye	Outside Machining Buyer	cfrye@premierracing.com	Direct: 872 572-2464 x123	Cell: 872-204-2465	
Ferris Bueller	Accounts Payable	fbueller@premierracing.com	Direct: 872 572-2464 x101		
Abe Froman	Program Manager	afroman@premierracing.com	Direct: 872 572-2464 x103	Cell: 872-204-2466	
Aretha Murphy	Buyer	amurphy@premierracing.com	Direct: 872 572-2464 x105		
Cleo James	Program Manager	cjames@premierracing.com	872 572-2464 x106Ext. 595	Cell: 872-204-2468	
Charles Ray	Engineer	cray@premierracing.com	Direct: 872 572-2464 x107	Cell: 872-204-2469	
Carol Fisher	QA Manager	cfisher@premierracing.com	Direct: 872 572-2464 x109		see notes below

- Notes

Preferred Status:

Client Satisfaction Survey

Was Completed	Date Complete	Was Acceptable	Survey
✔	8/8/2016	✔	
✔	8/7/2017	✔	Customer Satisfaction Survey_ 170117

Client Corrective Action Requests

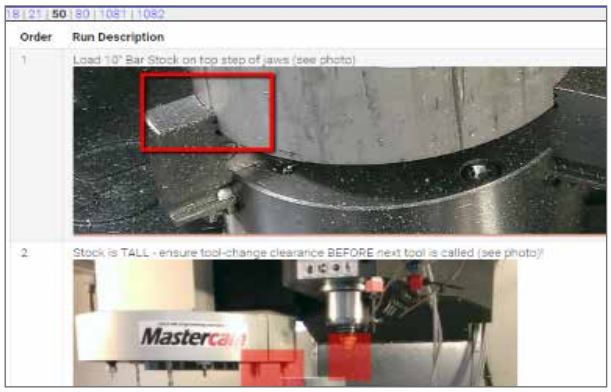
CAR Id	Assigned to	Due Date	Return to	Status
17.0006	QA Manager	10/30/2017	Premier Aerospace	Outstanding

Parts

The Parts module is where all part-specific work instructions, quality templates, shop routings and more are kept. Media-rich work instructions including text, photos and videos help guide employees to achieve set-up and run targets and helps to eliminate tribal knowledge on the shop floor. The latest revision of all work instructions is maintained in the parts module and all historic work instructions are kept in the Parts Archive module.

If you want to know exactly what the work instructions were from a Work Order five years ago, you can see that with three mouse clicks. The latest digitally approved drawing revision is accessible from the Parts module. From the Parts module you can look up every part you have ever made for any customer; the list displays thumbnail images next to every part number. You can also see a list of all the currently active, in-process and completed Work Orders for any part number. Creation of Parts also triggers PDM functionality, automatically generating predefined folder structures on company file servers to manage all external documents not held within ProShop such as drawings, G-Code, etc.

Your programmers will enjoy the ability to embed simulation videos into work instructions and link directly to set-up sheets, import tool lists and more from the CAM system. Reducing machine set-up time has never been easier.



A picture is worth a thousand words! When work instructions are visual, they are easier to understand and to follow. Enable your employees with less skill, to more successfully setup and run complex jobs with visual work instructions.

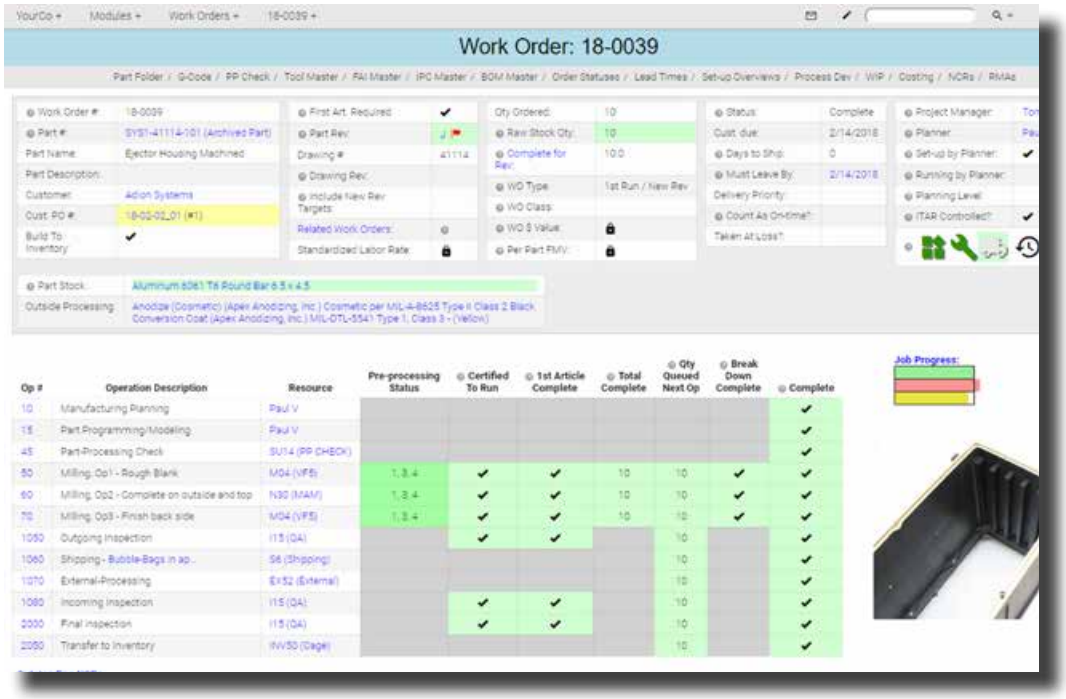
The Part module is the master record of the latest configuration of the parts you make. Want to look at a previous revision? No problem! ProShop keeps a snapshot of the Part record for every order you've ever processed, automatically.

Work Orders

Work Orders (WO) offer complete documentation of all current and past jobs with just a few clicks. View up-to-the-minute status of all the jobs in your shop, and link to information such as how many labor hours have been tracked, dollars spent out-of-pocket, how many parts are finished through what stage, where out-of-plant parts are at and when they will be back.

Digital sign-offs on every process step will tell you exactly what date, time and user signed off on any step. You can also link directly to records including First Article Inspection (FAI), In-Process Check (IPC), delivery records, raw material certs, BOM items, links to time tracking for all direct labor performed, complete historical profit and loss information, and much more. Any NCRs generated during set-up or running of the WO will trigger instant alerts to leads and QA staff to offer support.

The WO module, in conjunction with the Purchasing, COTS and Inventory modules, is the foundation of all the traceability tracking. Every component in a multi-level BOM, including all raw material and outside processing is 100% traceable and can be found with just a few mouse clicks. At Final Inspection, a single mouse click will collate and bring forward every related cert and audit the FAI results for preparing the complete document package – saving hours of time every day.



Work Orders are always up to date because there is no paper version which could have old information. Get your customers the information they want about their jobs with the click of a button.

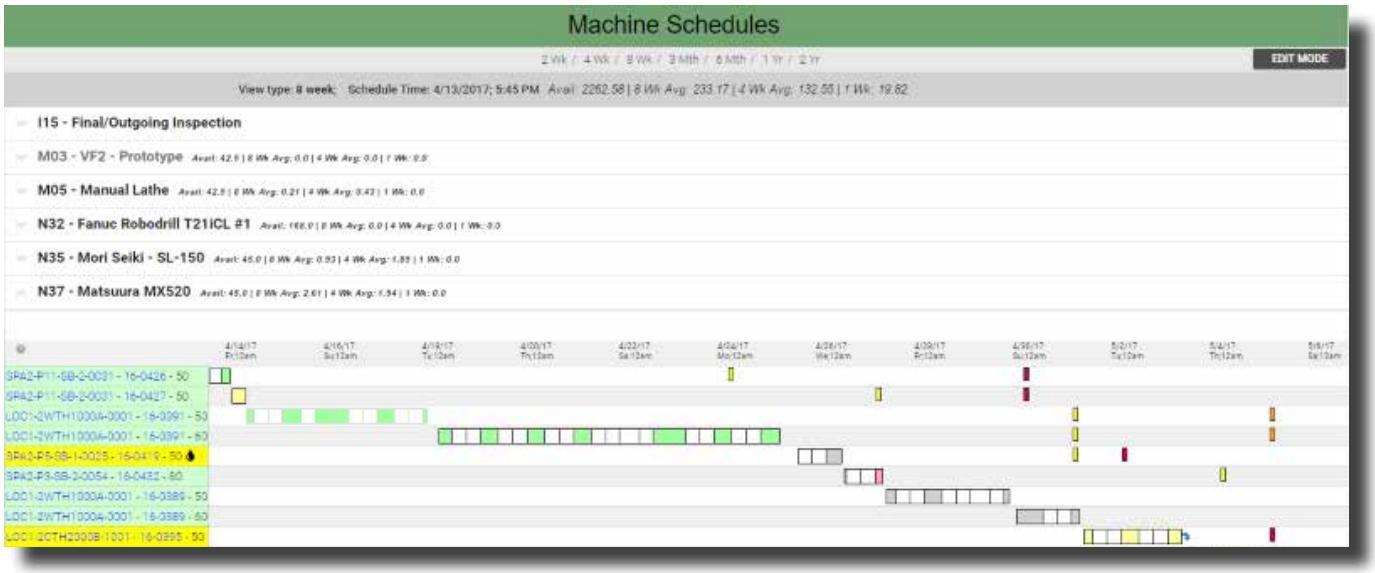
Scheduling

Knowing the status of your jobs – and if you will be on time – is hard. To do it well, you need to have up-to-the-minute status of jobs currently on the machines and know if you have everything necessary for jobs about to hit the machine. How will the delivery date be affected if you are down for unplanned repairs or maintenance? These complex challenges are what ProShop Scheduling was designed to manage.

You can see exactly the status of every Work Order in your shop. It tells you:

- if you are on time with your jobs; even forecasting if you will be on time for future jobs based on your scheduled hours and available staff;
- when it will be finished based on the latest time tracking;
- what machines or Work Centers it is flowing across;
- what dates Work Orders need to leave to ship to the customer or out-of-plant processes;
- when parts need to return for any additional processes before shipping to the customer.

Work Orders are color coded on the Schedule to indicate if all required actions have been completed before a Work Order can be successfully set-up on a machine, including all planning, programming, raw materials received, cutting tools in stock, fixtures pulled and ready. These checklists are fully customizable. The Scheduling module functionality allows for the minimum downtime between jobs.



Purchasing

With ProShop you can issue POs to your vendors directly from the Purchasing Dashboard, which displays live purchasing requirements for all active Work Orders based on need date and commodity type. You can see all outstanding POs, late and time-sensitive orders. POs are typically initiated using a shopping cart system that collates all the purchasing requirements of active Work Orders, and then are assigned to a vendor for ordering. Upon receipt, all certs for purchased items are scanned and attached to each line item, setting the stage for easy retrieval of certs as described in the Work Order module.

Always know the status of your vendors, what orders are outstanding, what their quality and delivery rating is with your company, which suppliers are on the approved list and more.

COTS

COTS can have multiple price breaks per vendor. When you add a COTS item to an estimate, ProShop will grab the price that matches the quantity breaks you are quoting to your customer, so your costing is always accurate.

All items such as fasteners, fluids, materials, consumables and hardware are handled in this module. COTS (Commercial Off the Shelf) items can be added to any BOM on the Part module. The COTS module tracks all incoming orders and outgoing usage of items including economic batch size, safety stock, costs and inventory quantity. Full traceability for all COTS items is handled without any extra work by purchasing or manufacturing staff.

When you issue a Work Order that has COTS items on the BOM, ProShop will recognize the demand for the COTS item and pull them onto the purchasing dashboard. From there, it's a matter of "checking out "using our shopping cart system and issuing a purchase order to the appropriate vendors.

Inventory

When integrating with Quickbooks, ProShop is the place that all inventory and WIP is maintained. On a pre-defined schedule updates to inventory and WIP will be taken from ProShop and updated into Quickbooks.

Robust inventory management is built into the Parts and COTS modules. See at a glance how much inventory you have in your company. From any part number or assembly you can see exactly which Work Order it was created on. You can also look back at any job that was shipped from inventory and see a full, traceable history of where every component came from. All inventory includes a full cost accounting of the original cost and the current discounted value.

Part: SB-2-0047: Inventory

Inventory | Sales Info | Allocations

Rev C: 5.0 Rev B:255.0 Qty Verfied: ✔ Minimum Order Qty: 100

Min Reorder Point:50 Economic Order Qty: 200 Safety Stock:2

Qty Available: 93 Qty Needed: 8 Qty On Order: 0

WO# In	Qty	WO# Out	Allocations	Rack	Shelf	Position	Depth	Note
08-2863 Rev B	22 (0)		(6) 17-0055					
	-11	Purged						Kelsey
	-5	14-0002						
Total:	6							
14-0026 Rev B	50 (0)		(2) 17-0055, (43) Unallocated					
14-0026 Rev B	100 (0)		, (45) Unallocated	5	2	5	1	Invoiced
	-25	14-0002						
	-10	AER1-36289; #1						
	-10	AER1-36289; #2						
	-10	AER1-36289; #3						
Total:	45							
16-0415 Rev C	5		, (5) Unallocated					

CHECKOUT

Users

All employees who use ProShop are assigned as a User. The User page gives HR and management a place to record important information about employees, including employment information, benefit summary, contact information and more. Approved managers can also find direct links to all time tracking and clock punches, effectiveness, training records, company positions, quality performance such as NCRs, CARs, PARs and more. Employees can also see where in the org chart they belong.

Direct Deposit Payroll:	false
Target - Against WOs %:	80%
Target - Kaizen %:	5%
Target - Training %:	3%
Target - Receiving %:	0%
Target - Maintenance %:	0%
Target - PP Check %:	0%
Phone Extension:	124
Phone #:	360-555-0984
Cell #:	360-555-0989
Skype Id:	mmachinist
Google Talk Id:	mmachinist
Gym Membership For:	
Signup Email:	markm@adionsystems.com

Review History

Employee's Reviewer: Kelsey Heikoop **Next Review Date:** 8/12/2017

Review By	Review Date	Review Notes
Kelsey Heikoop	10/14/2014	Mark is picking things up pretty quickly. Fast learner.
Mike Walsh	2/12/2015	Mark is doing great! We see good things for him.
Kelsey Heikoop	8/12/2016	Mark is moving nicely towards being a set-up machinist.

REVIEW PERFORMED

Workspace Cameras

Camera Description	Camera File
Camera at Lathe Area	746

Value Added Numbers

6 Months | 2 Years | Show All

Period Beginning	Period Ending	Hours Worked	Hours Time Tracked	% Time Tracked	Against WO Hours	% Agai WO
12/2/2012; 5:30 AM	12/9/2012; 5:29 AM	46.08	43.38	94.1%	39.28	85.2
12/9/2012; 5:30 AM	12/16/2012; 5:29 AM	40.95	39.57	96.6%	32.45	79.2
12/2/2012; 5 AM	12/16/2012; 5 AM	87.03	82.95	95.3%	71.74	82.4

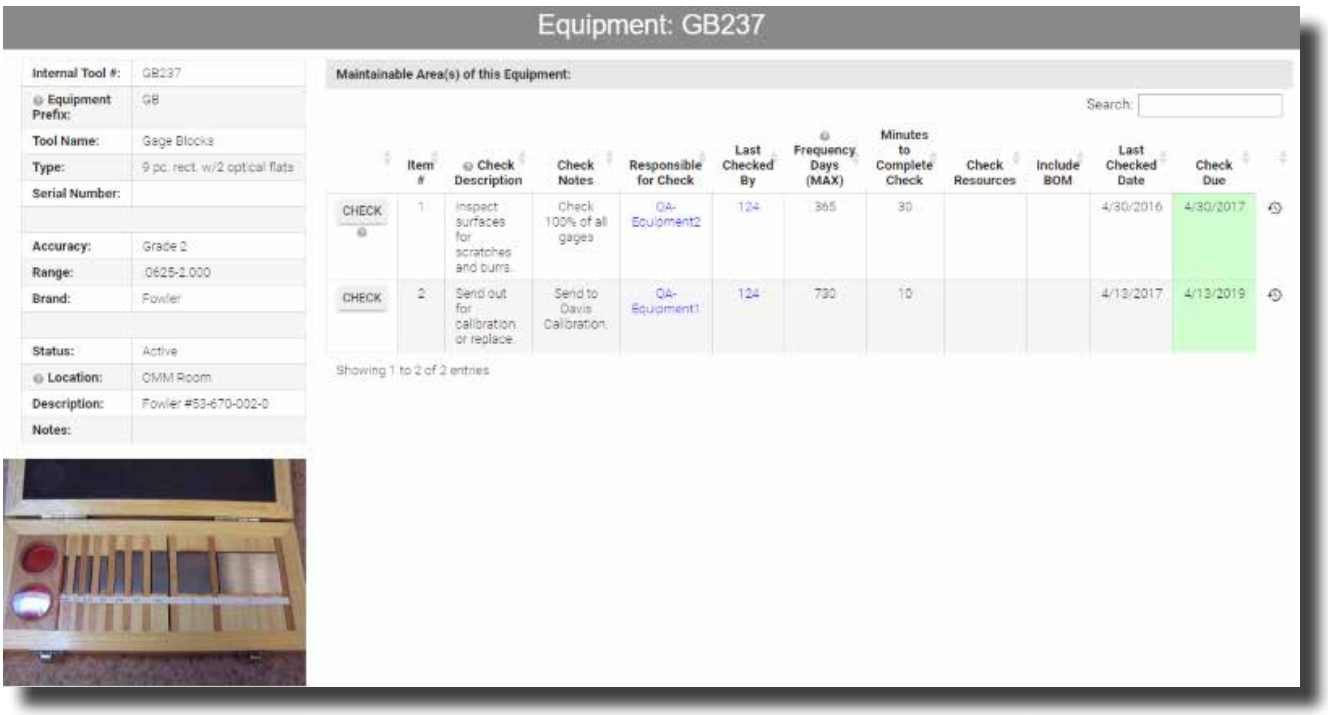
MES

Manage your shop floor, inspection, equipment, work instructions, and more inside of ProShop. With paperless and integrated work-flows, it's never been easier to stay on top of your operations.

Equipment

The equipment module is a fully functional CMMS system, where all company assets, equipment and inspection equipment are managed. It serves the dual function of managing and tracking maintenance for equipment as well as calibration requirements for precision instruments.

Responsible parties can be assigned to any equipment or specific maintenance item. For example, members of your maintenance staff can be assigned as responsible for machine tool oil and filter changes, while quality department staff may be assigned to machine calibration. Responsible parties will be pro-actively alerted when their respective assignments are nearing their due dates, either by date or metered hours. Complete work instructions including videos, photos and more can be created for any action item. A complete history of all equipment actions is always available.



Equipment: GB237

Internal Tool #:	GB237
Equipment Prefix:	GB
Tool Name:	Gage Blocks
Type:	9 pc. rect. w/2 optical flats
Serial Number:	
Accuracy:	Grade 2
Range:	.0625-2.000
Brand:	Fowler
Status:	Active
Location:	OMM Room
Description:	Fowler #53-670-002-0
Notes:	

Maintainable Area(s) of this Equipment:

Search:

	Item #	Check Description	Check Notes	Responsible for Check	Last Checked By	Frequency Days (MAX)	Minutes to Complete Check	Check Resources	Include BOM	Last Checked Date	Check Due
CHECK	1	Inspect surfaces for scratches and burrs.	Check 100% of all gages	QA-Equipment2	124	365	30			4/30/2016	4/30/2017
CHECK	2	Send out for calibration or replace.	Send to Davis Calibration.	QA-Equipment1	124	730	10			4/13/2017	4/13/2019

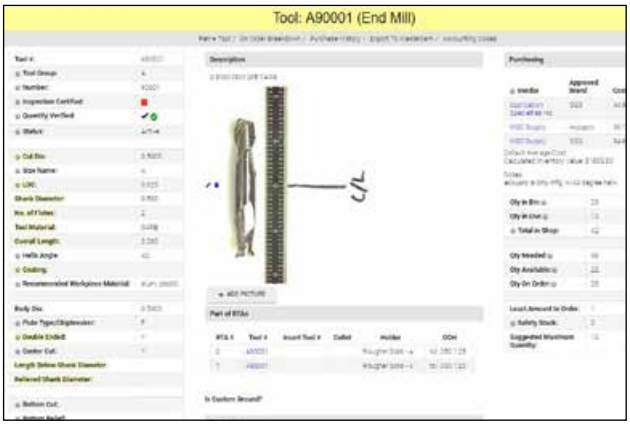
Showing 1 to 2 of 2 entries

Tooling

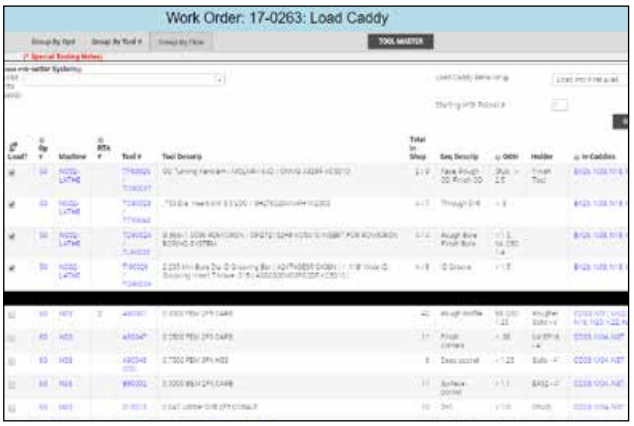
The Tooling module is where all consumable and non-consumable tooling is managed and tracked. Any important attribute can be recorded and searched to keep your crib organized. In addition to seeing a complete inventory of tools in the tool crib, users can also see any tool currently in use in a Workcell (machine tool or tool caddy) and forecasts for all tools needed for current Work Orders.

A full cost and purchasing history is available for all tools showing vendor, cost, lead time and specific Work Order they were purchased for. Active tooling requirements as well as triggers for minimum inventory values are managed in the Purchasing module using the shopping cart system.

Tool lists can then be used to set up a caddy or CNC machine off line, will accept tool length and diameter data directly from your presetter and then will generate the appropriate offset file to upload into your machine. For shops using Mastercam, tool information can also be exported into Mastercam individually or for an entire job.

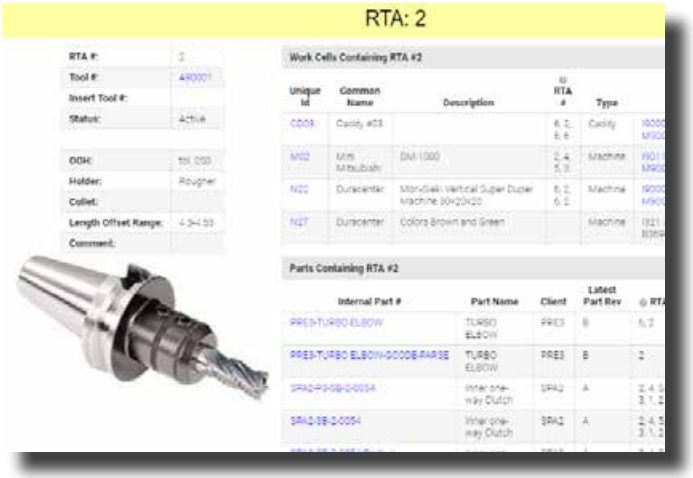


Store all relevant parameters about tools for easy searching to find the perfect tool for the job at hand. Store or link to vendor information about cutting parameters so you'll always have the right speeds and feeds.



Transfer tools from inventory, into a tool caddy, and then into CNC machines to track exactly where all the tools are in your shop. Reduce down time by ensuring you always have the tools you need before your jobs hit the machine.

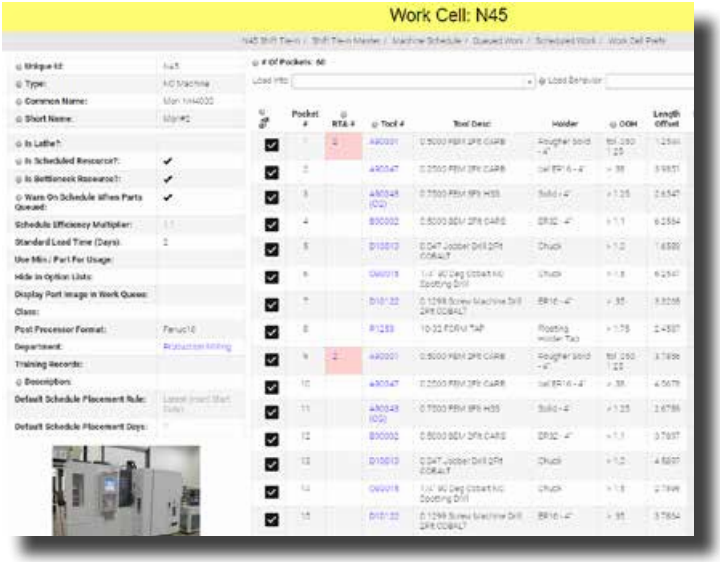
RTAs



RTA stands for Rotating Tool Assembly. This module is made specifically for companies who perform machining and manage a combination of tool holder, collet, cutting tool, inserts and extension length. By standardizing and managing common tool assembly configurations, shops can get the most consistent performance from their tools and machines.

Workcells

Workcells are used in scheduling. Any machine tool, workbench, equipment or employee can be assigned as a Workcell. Once assigned as a Workcell, the shedule of days and hours can be configured including default schedule placement rules. The Workcell module fully supports tool height offset management and communication to CNC machine controllers, so human entry errors are eliminated during the process of off line tool presetting through uploading offset files into the machine controls.



Fixtures

The Fixtures module allows management of all fixtures for custom work holding, vises, chucks and more. Storage locations as well as all applicable Parts and active Work Orders that use the fixture, is just a click away. By using the Equipment module alongside the Fixture module, complete maintenance of fixtures can be managed with scheduled maintenance and replacement schedules, ensuring your fixtures are always ready.

Fixture: 5

Fixture #:	5
Description / Info:	A310 Trunnion
Rack #:	1
Shelf #:	3
# From Left:	2
Date Cataloged:	9/10/2016
Should Be In Rack:	Current
Notes:	A310 Trunnion. Serial #0043885

Used With Parts

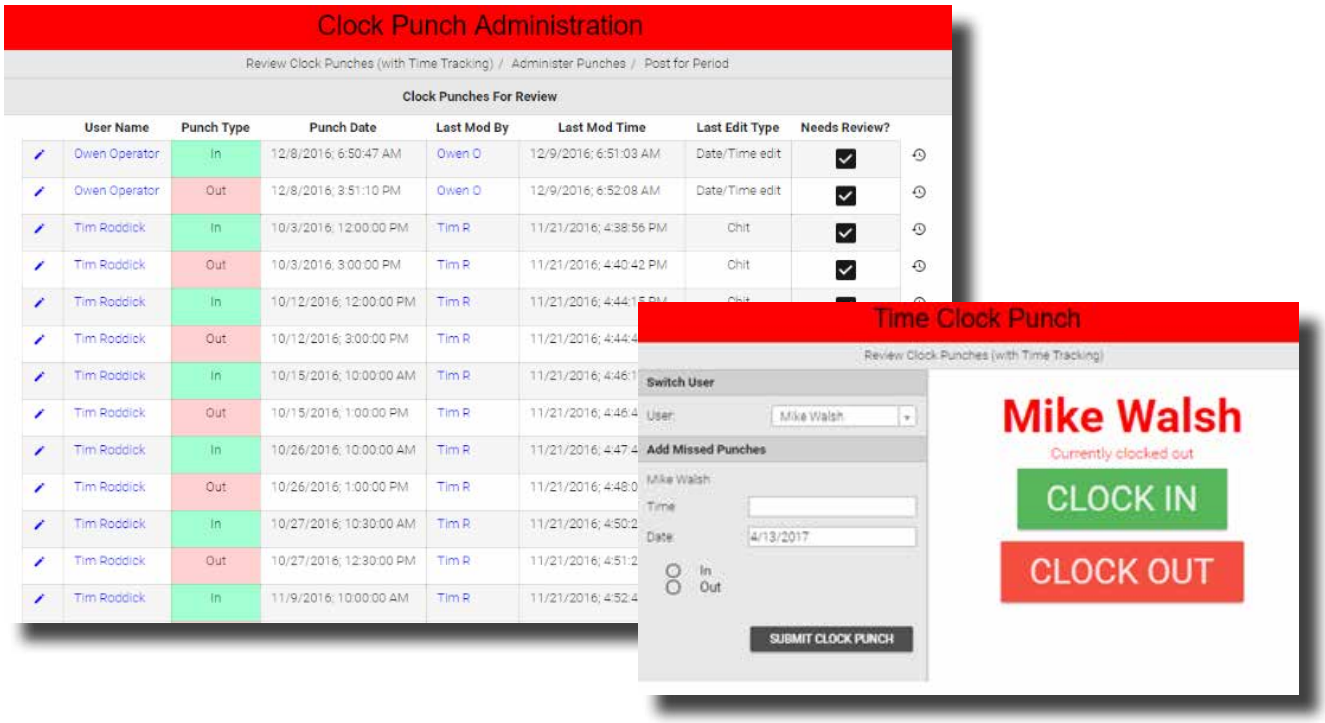
Internal Part #	Part Name	Client	Fixture #	Ops Included	Active Work Orders For Part
PRE3-TURBO ELBOW	TURBO ELBOW	PRE3	5	50	16-0369, 16-0374, 17-0004
PRE3-TURBO ELBOW-GOODE-PARSE	TURBO ELBOW	PRE3	5	50	

CHECKOUT

Is your fixture storage area getting crowded? ProShop will send you an automatic reminder every 6 months with a list of fixtures that haven't been used in that time-frame. You can send the customer a reminder to see if they'll need those parts again, and fixtures can be archived if they won't be needed for a while.

Time Clock

ProShop has a built-in Time Clock for punching in and out of work. A simple interface allows any User to clock in or out from any computer quickly, using a password. Employees and managers can easily see current and historic clock punches for any time-frame. A system for missed punches allows managers to review and approve when an employee forgets to punch at the correct time. Managers are also alerted to any anomalies. Because ProShop knows the wage or salary of every employee, this data is also automatically integrated into company-wide overhead and cost calculations. All time tracking data can be easily exported into accounting packages such as QuickBooks or Sage for payroll.



Time Tracking

It is essential for time tracking to be accurate, specific and fast to record. The Time Tracking module was designed to take just a few seconds to interface with and allows employees to record which Work Orders they are working on (if any), what type of work they are doing – such as set-up, running, programming, troubleshooting – how many parts have been made and more.

All parameters are intelligently pre-filled based on the page the User is on when initiating time tracking, including the Work Order, Workcells, operation, time/date and flow status. Multiple time tracking entries can be simultaneously made to allow flexibility for users to run more than one piece of equipment or Work Order at a time and specifying how much of their time is being spent on each job.

All Time Tracking data feeds into the job costing system so actual direct labor costs are automatically generated in real time. Managers can also view every open time tracking entry on a single page to see exactly what all employees are working on at any time.

When an employee tracks time, ProShop is keeping track of of the time they are spending compared to the target for the job. All of that performance data is combined onto the employee's user page and displayed as an effectiveness metric. The employee and managers can see the effectiveness history over time, displayed by week, so overall trends can be easily displayed for performance reviews.

Personal Time Tracking

New / Edit / My Day / My Week / Last Week / My Month / Open Entries

Search:

	Name	Category	Time In	Time Out	WO #	Op #	Work Cell	Qty/Hr	Target/Hr	% Time	Begin / End Qtys	Total Run	Pause Time	Tracking Time	Clock Time	Spent Doing What?
Edit	Mike Walsh	Clock In - **Review**	4/13/2017, 8:20 AM													
	Mike Walsh	Set-up	4/13/2017, 8:36 AM	10:42 AM	17-0021	40	BNC2			100			0h 00m	2h 06m		Setup went well. Had to make new softjaws but it was quick. Was able to get about 45 seconds out of the cycle time.
	Mike Walsh	Cleanup	4/13/2017, 10:50 AM	11:15 AM						100			0h 00m	0h 25m		
	Mike Walsh	Running	4/13/2017, 11:37 AM	3:07 PM	17-0021	40	BNC2	15	14.2	100	0/50	50	0h 00m	3h 30m		
	Mike Walsh	Inspection / 1st Art	4/13/2017, 3:10 PM	3:35 PM	16-0369	1000	D8			100			0h 00m	0h 25m		
	Mike Walsh	Set-up	4/13/2017, 3:38 PM	3:45 PM	16-0439	80	CL1			100			0h 00m	0h 07m		
Edit	Mike Walsh	Clock Out		4/13/2017, 3:47 PM											7h 27m	
								15.0	14.2			0.00	NaN	6.70	7.48	

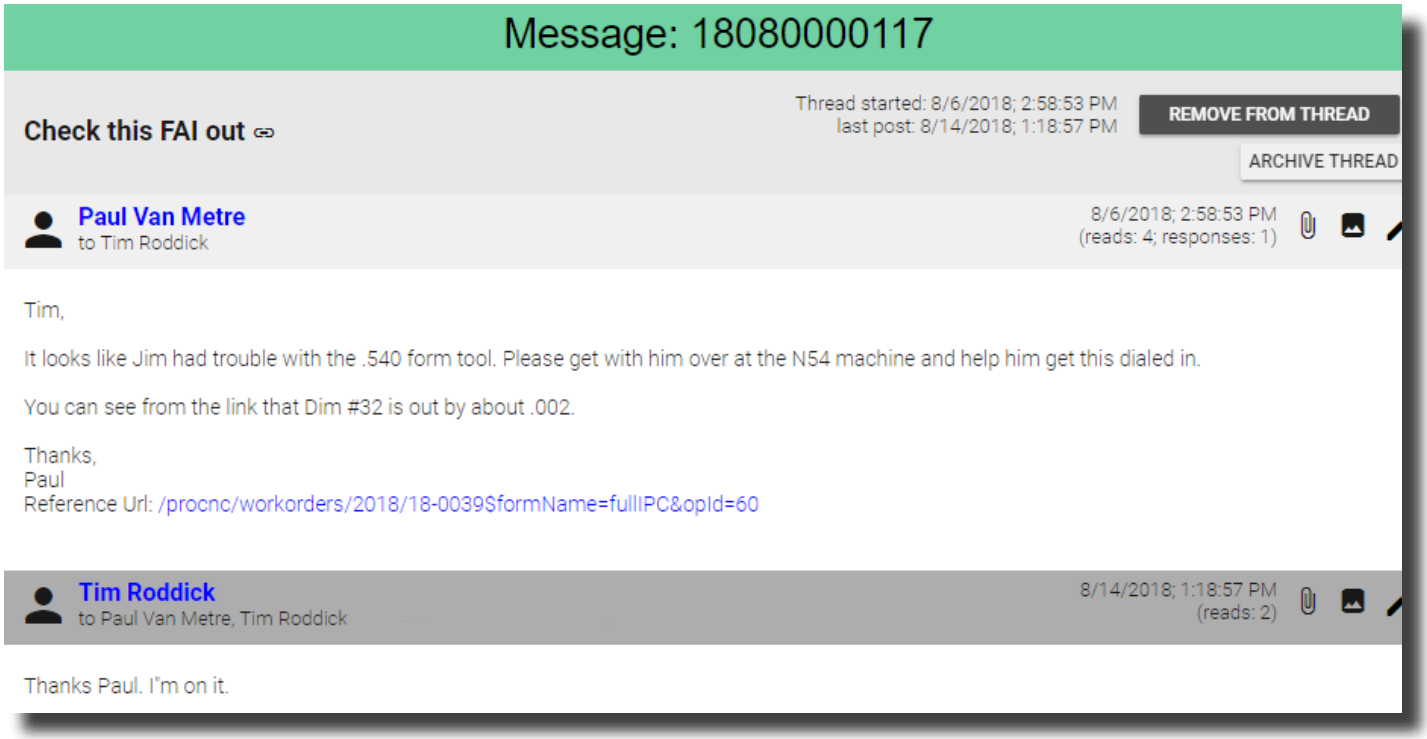
Showing 1 to 7 of 7 entries

HELP COPY SAVE PRINT

Messaging

The Messaging system is critical for intra-company communications. It is used as a replacement for internal email for many companies. This thread-based system allows conversations between any groups of Users with direct links to the applicable page in ProShop. Users can subscribe or unsubscribe from conversations as needed.

ProShop can also issue automated messages, alerting users and managers of myriad important alerts, such as when NCRs are created, when Time Tracking is over target, when Equipment is nearing its calibration or maintenance due dates, when Documents are ready for review and approvals and much more. Because the Messaging system is part of the company database, all communications will be permanently recorded, making research on prior correspondence fast and easy.



QMS

Manage your ISO 9001, AS9100, ISO 13485, API or other certification inside of ProShop. With paperless and integrated work-flows, it's never been easier to stay on top of your business processes and keep the auditors happy.

Standards

Our RFL system allows simple navigation from the standards to your QMS content. Section numbers become irrelevant which means when standards change revisions and renumber, you don't need to change the numbering scheme of your QMS content.

The Standards module allows you to specify the exact requirements of the standards that the QPs, Tasks and other documentation is trying to meet. Standards are grouped to differentiate which industry standard they apply to, such as ISO-9001, AS9100, API, ISO-13485, etc. Each section of the Standard can be connected via a two-way link using our Requirements Fulfillment Locations (RFL) System, so that your precise QMS content from any module or document is referenced directly from the Standards module. This feature can reduce the time and cost of audits by up to 75%.

Doc#:	AS9100D: 04.4.1	Rev: A (Create Draft Rev)
Form:	Standard Section: Quality Management System and Its Processes (1 of 2)	Date: 3/28/2017

Sub Section Text

"The organization shall establish, implement, maintain, and continually improve a quality management system, including the processes needed and their interactions, in accordance with the requirements of this International Standard.[1][2][3][4]"

"***The organization's quality management system shall also address customer and applicable statutory and regulatory quality management system requirements.***[5]"

"The organization shall determine the processes needed for the quality management system and their application throughout the organization[6] and shall:

a." determine the inputs required and the outputs expected from these processes;[7]"

b. "determine the sequence and interaction of these processes;[8]"

c. "determine and apply the criteria and methods (including monitoring, measurements and related performance indicators) needed to ensure the effective operation and control of these processes;[9][10]"

d. "determine the resources needed for these processes and ensure their availability;[11]"

e. "assign the responsibilities and authorities for these processes;[12][13][14]"

f. "address the risks and opportunities as determined in accordance with the requirements of 6.1;[15]"

g. "evaluate these processes and implement any changes needed to ensure that these processes achieve their intended results;[16][2][14][17]"

h. "improve the processes and the quality management system.[1][2][14][17][18][3][4]"

- Requirement Fulfillment Locations

Record Id	Link Text	Reference Text	RFL URL	Notes
Quality Procedures: QP 9.3	[1]	improve the processes and the quality management system.	/procnc/qualityprocedures/QP%209.3	
Quality Procedures: QP 9.2	[2]	improve the processes and the quality management system.	/procnc/qualityprocedures/QP%209.2	
Outside Link	[3]	improve the processes and the quality management system.	/procnc/procncAdmin/customerSurveyBreakdown8displayType=onlyaverages	

Quality Manual

The Quality Manual is the foundation of the Quality Management System (QMS). It is a broad document that includes the company Quality Policy and goals, a detailed description of the quality system, procedures and other resources for maintaining high-quality product and services. Every section offers complete revision control using the same automated system described in Procedures below.

Quality Manual	Rev Date:	5/18/2018
	Rev:	J

This Quality Manual sets forth the quality system procedures and
Defines compliance with the ISO 9001:2015 and AS9100D Standards.

QM 1.0 Introduction

The name of the Organization is THE COMPANY. The primary business purpose of THE COMPANY is to manufacture quality products for the ***aerospace,*** and commercial industries. THE COMPANY follows this Quality Management Syste to achieve this as well as Customer satisfaction, continual improvement, process approach, leadership, evidence base decision making, relationship management, and engagement of people.

Test

QM 2.0 Quality Managment System Overview (AS9100D: 04.4.1, AS9100D: 5.1 AS9100D: 5.1.2, AS9100D: 5.2.1, AS9100D: 5.2.2, AS9100D: 6.2.1, AS9100D: 7.5.1, AS9100D: 9.1.1, AS9100D: 9.1.3)

THE COMPANY's Quality Management System ("QMS") consists of this Quality Manual, associated Quality Procedures Tasks, Training, and Records. The QMS is incorporated into the Company's operations software ProShop to provide a cohesive integrated system.

Quality Policy of THE COMPANY:

THE COMPANY is committed to customer satisfaction throug continuous improvement of our products, services, and qualit management system.

Quality Objectives of THE COMPANY.

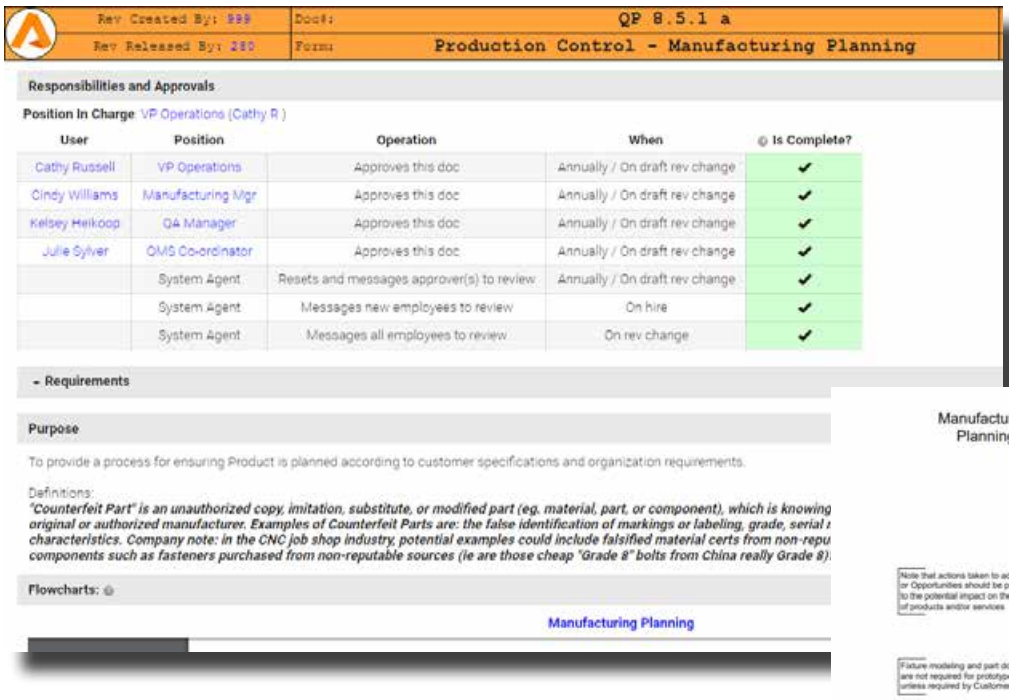
Metric	Objective *	Responsibility	Reporte
On-time Delivery	97% Due Date or Before	VP Operations	Monthly
Internal Quality - # of NCR (WO)s	Below 3% NCR (WO)s parts	Manufacturing Manager	Monthly

The Quality Manual integrates with the RFL system described in the Standards module. This feature allows employees and auditors to easily understand the relationships between the quality manual and the Standards that the company is trying to meet. No other system is as intuitive and helps to easily understand these complex relationships.

Procedures

Quality Procedures, or QPs, are detailed documents that cover specific areas of the company and how systems and procedures in those areas are managed to ensure that quality and efficiency are maintained. Documentation for an ISO 9001, AS9100 or other system is, in part, managed here. A list of Users and Company Positions who approve the document and the latest approval status is included.

Creating new revisions is very simple; editing the revision takes place in a controlled area unseen by most employees. When a new revision is ready for approval, and is subsequently signed off by the document owner, an automatic work flow is triggered: The current revision becomes archived, the draft becomes the current revision, and all required company Users are alerted to review the QP and any changes that may be applicable to them. Most employees can only view the latest revision of any QP.



Rev Created By: 999 | Doc#: QP 8.5.1 a
Rev Released By: 280 | Form: Production Control - Manufacturing Planning

Responsibilities and Approvals

Position In Charge VP Operations (Cathy R)

User	Position	Operation	When	Is Complete?
Cathy Russell	VP Operations	Approves this doc	Annually / On draft rev change	✔
Cindy Williams	Manufacturing Mgr	Approves this doc	Annually / On draft rev change	✔
Kelsey Heikoop	QA Manager	Approves this doc	Annually / On draft rev change	✔
Julie Sylver	OMS Co-ordinator	Approves this doc	Annually / On draft rev change	✔
	System Agent	Resets and messages approver(s) to review	Annually / On draft rev change	✔
	System Agent	Messages new employees to review	On hire	✔
	System Agent	Messages all employees to review	On rev change	✔

- Requirements

Purpose

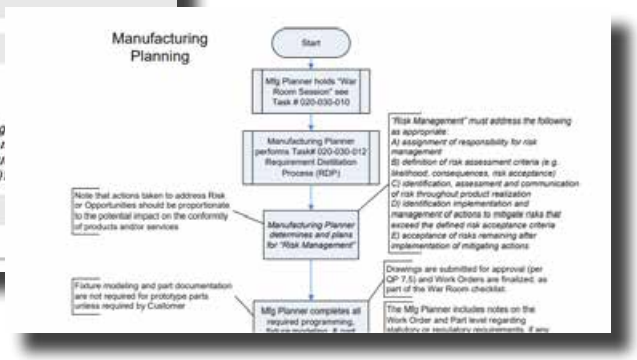
To provide a process for ensuring Product is planned according to customer specifications and organization requirements.

Definitions:
"Counterfeit Part" is an unauthorized copy, imitation, substitute, or modified part (eg. material, part, or component), which is knowing original or authorized manufacturer. Examples of Counterfeit Parts are: the false identification of markings or labeling, grade, serial characteristics. Company note: in the CNC job shop industry, potential examples could include falsified material certs from non-repu components such as fasteners purchased from non-reputable sources (ie are those cheap "Grade 8" bolts from China really Grade 8).

Flowcharts:

Manufacturing Planning

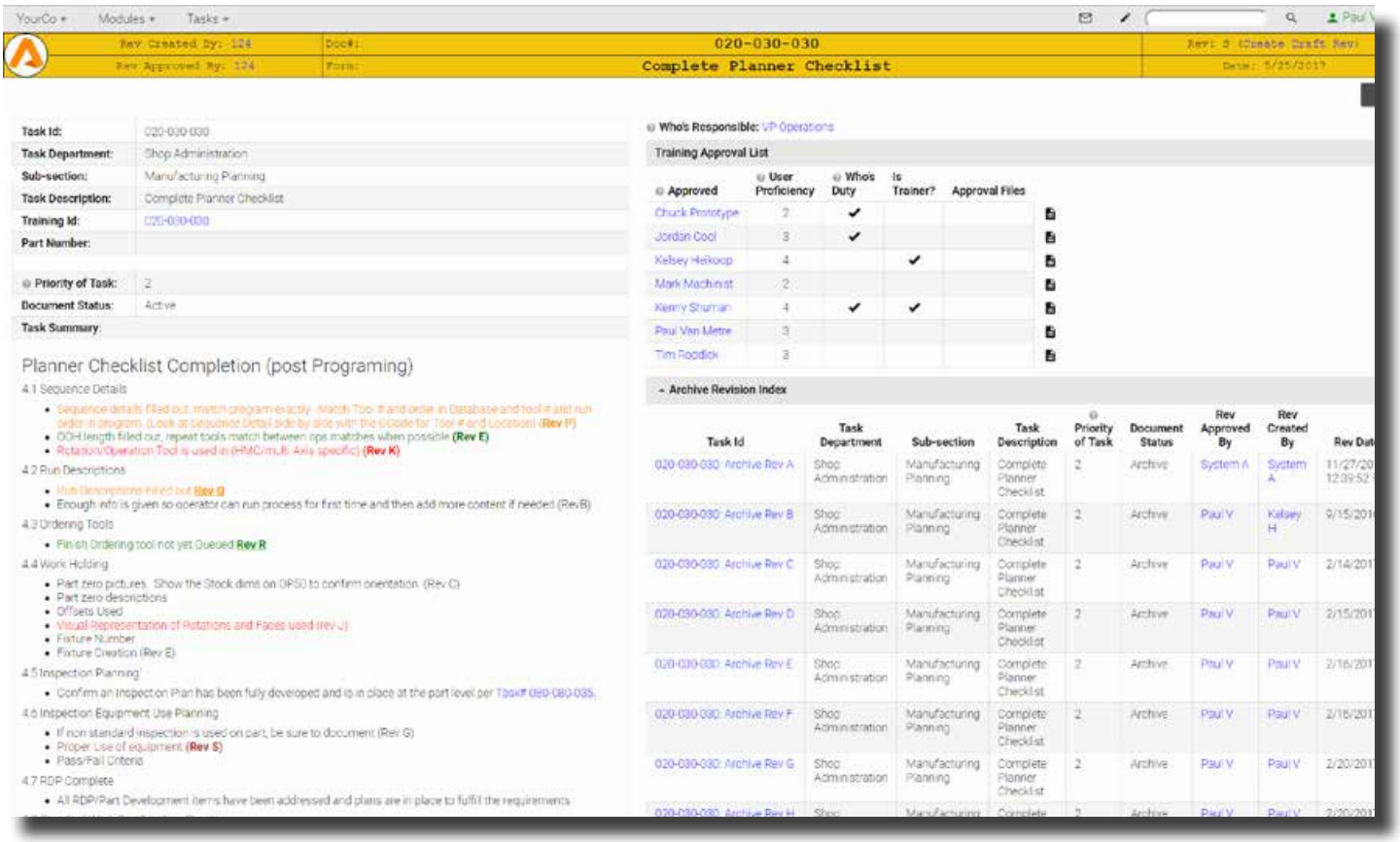
The QP module is integrated in with the RFL system described in the Standards module. By creating an inbound link from the Standards module, ProShop will automatically generate an outbound link so relationships between QPs and the relevant Standards is easy to understand and navigate



Tasks

All the documentation in the Tasks module is entirely generated and maintained in ProShop. There are no requirements to link external documents into the system like most other products on the market. This makes managing revisions and editing considerably simpler.

Tasks are detailed documents that give specific work instructions for individual tasks that may be done on a daily basis. They may include checklists, videos, photos, PDFs, etc. A list of Users who are trained in the Task is included along with their training record, which details their proficiency level, date and trainer. When revisions are made for a Task, only the trained users will receive Message alerts to review the new revision of the Task. Specific Tasks may be linked to any other page within ProShop, allowing standardized work to be easily managed and controlled. All Tasks include back links to the Standards module for any section that is referencing the specific Task.

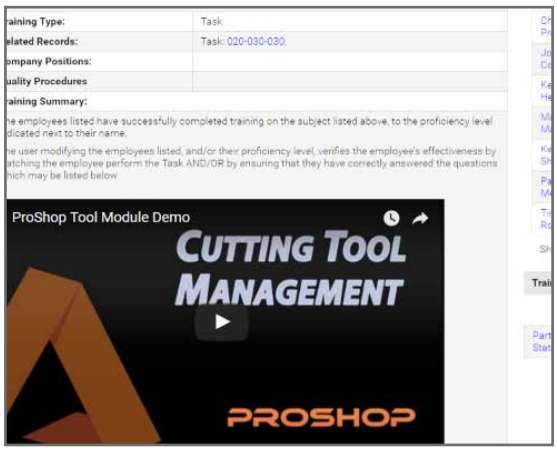


Training

The Training module offers training for any Task, Quality Procedure or stand-alone activity. Trainings include instructions on how to accomplish any activity and may include tests, etc.

When a User completes a training, they are signed off on a new, higher proficiency level by a user who is a trainer in the specific item. Training lists are included for every Company Position so employees can clearly see what training they need in order to be qualified for promotions to new Company Positions. Training matrices are also available to review company-wide training proficiency levels, filtered and sorted by shift. Training gaps can also be seen on the org chart under Company Positions.

Similar to Tasks, when revisions are made for a Training record, only the trained users will receive Message alerts to review the new revision of the Training.



Training documents can be comprised of videos, tests, fillable PDFs, etc. Employees can also be signed off by demonstrating proficiency through on-the-job demonstration of their skills.

Approved	User Proficiency	Whose Duty	Is Trainer?	Company Positions
Cindy Williams	4		✔	Manufacturing Mgr
Chuck Prototype	2	✔		
Daniel Rawlson	4	✔		
Jordan Cool	2	✔		
Kelsey Heikoop	4			
Kenny Shuman	4			
Mark Machinist	2	✔		
Paul Merriman	2			
Stanly Tanzil	4	✔		
Zach Stinson	4			
Joe Palmer	2	✔		
JB Smrekar	2			
Paul Ghotra	3	✔		

Easily see which employees have training, need training, who the trainers are, what company positions the training relates to, and view the training certificate with a single click. Understanding the training system has never been easier.

Audits

The Audit module tracks the process of issuing audits, tracking their results and follow up of audit findings. Audits can be either internal or external. CAPAs can be issued directly from the Audit module based on the severity of findings. Any related Work Orders or other modules can be linked directly into the Audit results making it easy to find all related information.

QF 8.2.2

Internal Audit Report: 1401:01

Process Audited: QP 4.1 QMS Overview
Audit Date: 1/29/2014
Process Owner Audited (PIC): Kelsey H
Status: Outstanding
Lead Auditor: Cindy W
Reviewed by Mgmt: ✔

Summary

General Comments:
The audit shows everything to be in compliance with good training videos.
An improvement would be to swap the flowchart out for a 1 page "interaction chart" that is more familiar to external auditors (often requested by external auditors) thereby killing 2 birds with 1 stone.

Total Findings: 1 **Major:** 0 **Minor:** 0 **Opportunities:** 1

Non-conformities

Rating (Maj/Min/Op)	Section Requirement	Brief Description of Non-conformance and objective evidence	CAR or PAR #	Status
Op	4.1	The purpose of this "Process" is to demonstrate how all the other processes interact so that an employee knows when to move from 1 process to another. In reality, however, almost any process could and does happen at any time, therefore an accurate flowchart representing the "flow" would look more like a bowl of spagetti. At the same time, Many auditors request (sometimes REQUIRE) an "interaction chart" as opposed to our "flow chart" which serves basically the same function.	14:0001	Outstanding

Audit Completion Date: 2/15/2014

Corrective Action

Corrective Action Requests (CARs) may be issued for any reason including from RMAs, Audits, NCRs, Management Reviews and Customer Satisfaction Surveys. The CAR module ties in and links directly to any other applicable modules, such as Work Orders, Purchase Orders and NCRs. It includes full 5C work flow for closed loop management of root causes. Navigation to all related documents is through simple hyper-links on the page, making it simple to understand the relationships between different records.

When employees are assigned to different tasks on the CAR, such as follow up, they will be alerted in the Messaging system and it will display on their to-do lists until completed.

Corrective Action Request: 15.0015

Status: Outstanding

Issued to:	Ironworks Machine	Return to:	YourCo (AS)
Issue Date: 8/15/2015	2654 Irongate Road Bellingham, Washington 98226 Contact:	Due Date: 9/11/2015 Time Critical!	1234 Your Street Bellingham, Washington , United States 98226 Contact: Kenny S

Reference Info:

Vendor PO #:	Packing Slip #:	Work Order #:	Part #:	Customer Po #:	NCR #:	Audit #:
143011		14-0214	SPA2-sb-2-0047	SPA2-153005	143011.01	

Corrective Action Info (internal):

Type: Supplier Corrective Action (to vendor) Discrepancy: NCR (internal)

Assigned to: QA Manager Assigned by: Kelsey Heikoop Assigned on: 8/19/2015

Description of Discrepancy:
Burrs left on the exit of the internal teeth. This is the second occurrence so we are issuing a CAR to the Vendor.

Recipient to complete this box:

1 i) **Direct Cause of Discrepancy:**
Supplier does not have a well documented process for inspecting and deburring parts.

ii) **Root Cause of Discrepancy:**
The broach leaves a burr when cutting the teeth.

2 i) **Immediate action to prevent further non-conformances and Containment (See Info Icon):**
100% inspection of all parts in-process. 100% deburring of any burrs.

Risk/Opportunity

Identifying risk and opportunity and taking action on those items is a part of every day life in a manufacturing environment. Having an integrated system for documenting and assigning those tasks makes the job much easier. ProShop's module will allow you to identify the risks and opportunities, assign the right people to resolve the issues and follow up. ProShop will keep track of the details, remind the right people to follow up on-time and record all the activities. You can link the appropriate records from any module.

Risk and Opportunity: 14:0001

Status: Outstanding

Issued to:	YourCo (AS) 123 Your Street Bellingham, Washington , United States 98226	Return to:	YourCo (AS) 123 Your Street Bellingham, Washington , United States 98226
Issue Date: 1/29/2014	Contact: Molly	Due Date: 2/19/2014	Contact: Kelsey H

Reference Info:

Vendor PO #:	Packing Slip #:	Work Order #:	Part #:	Customer PO #:	NCR #:	Audit #:
						1401:01

Preventive Action Info:

Source: Audit (internal)

Assigned to: QMS Co-ordinator Assigned by: Cindy W Assigned on: 1/29/2014

Issue or Problem:
The purpose of this "Process" is to demonstrate how all the other processes interact so that an employee knows when to move from 1 process to another. In reality, however, almost any process could and does happen at any time, therefore an accurate flowchart representing the "flow" would look more like a bowl of spagetti. At the same time, Many auditors request (sometimes REQUIRE) an "interaction chart" as opposed to our "flow chart" which serves basically the same function.

Motion:
Although the current flowchart passes audit, I recommend moving to a 1 page diagram that will also pass for an Interaction Chart".
A 1 page "Interaction Chart" is a diagram used by most auditors to represent exactly this. It is not a requirement of ISO or AS, but many auditors seem to think it is. Replacing existing flowchart will fill both needs simultaneously.

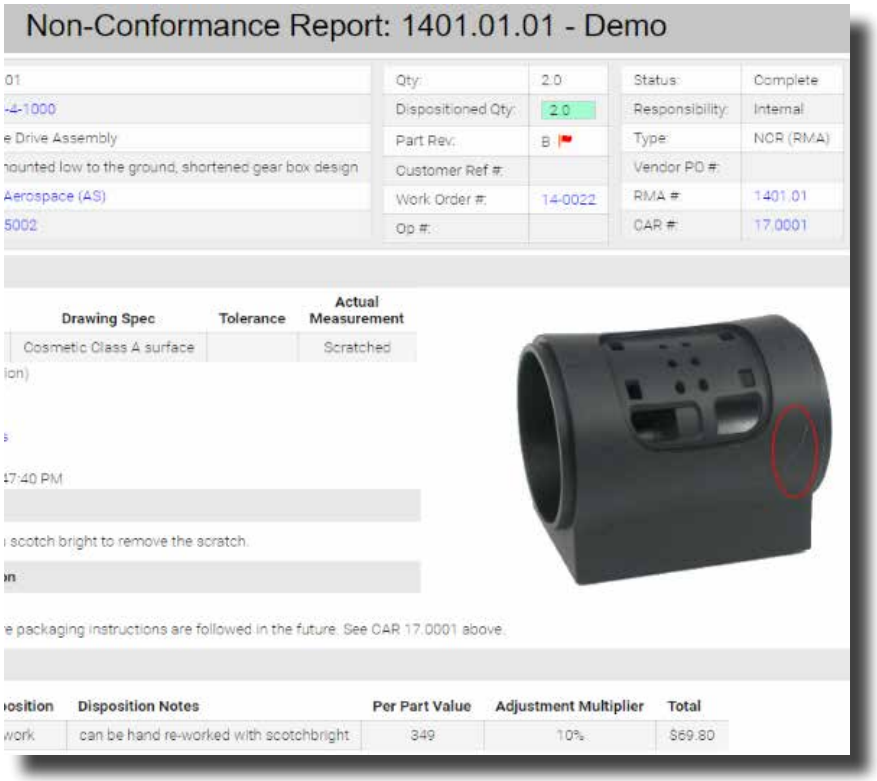
Team Leader to complete this box:

1) ✔ Act on motion? and/or:
Two sample interaction reports attached:
1) the colorful one lacks A) note: All printed copies are considered "Un-controlled". b) Auditors like to see the blue arrows and green support processes in boxes (like the Mgmt Processes), c) all the boxes need dotted lines to "Records".
2) the Blue diagram is a) missing the actual inputs and outputs from & to the Customer, b) states PEARs 1,2, &3 thus making PEARs a requirement.
Related note Re: PEARs: there are only 3 and they are related to the core product realization processes, but if they are required for those processes, why wouldn't they

NCRs

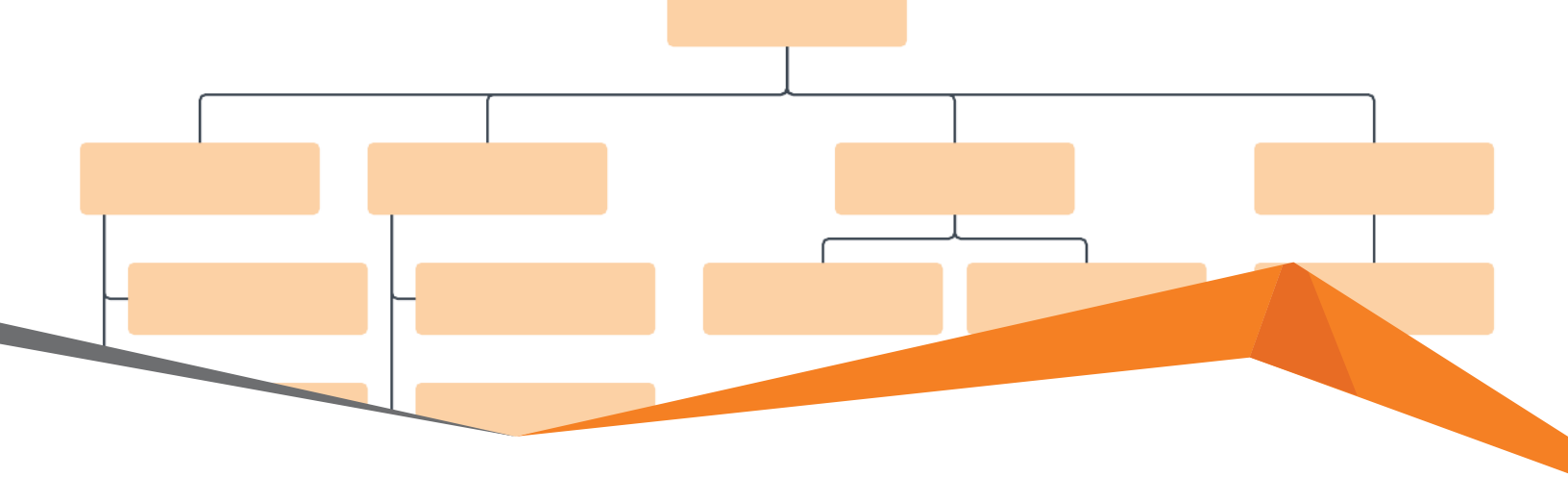
The Non-Conformance Report (NCR) module tracks and manages any kind of non-conformance. Whether issued from an internal rejection, to a vendor or from a customer, all the details including related Part numbers, Work Orders, customer Purchase Orders, vendor Purchase Orders and more can be recorded and tracked.

When NCRs are created, automated alerts can be generated for any User(s) in the company. The NCR dashboard can be used to track overall company, employee, customer, machine tool or part number non-conformances. Detailed analysis using powerful query and reporting functions can provide insight into where to focus efforts to reduce the cost of non-conformances. All data is easily exported for further use if needed.



RMAs

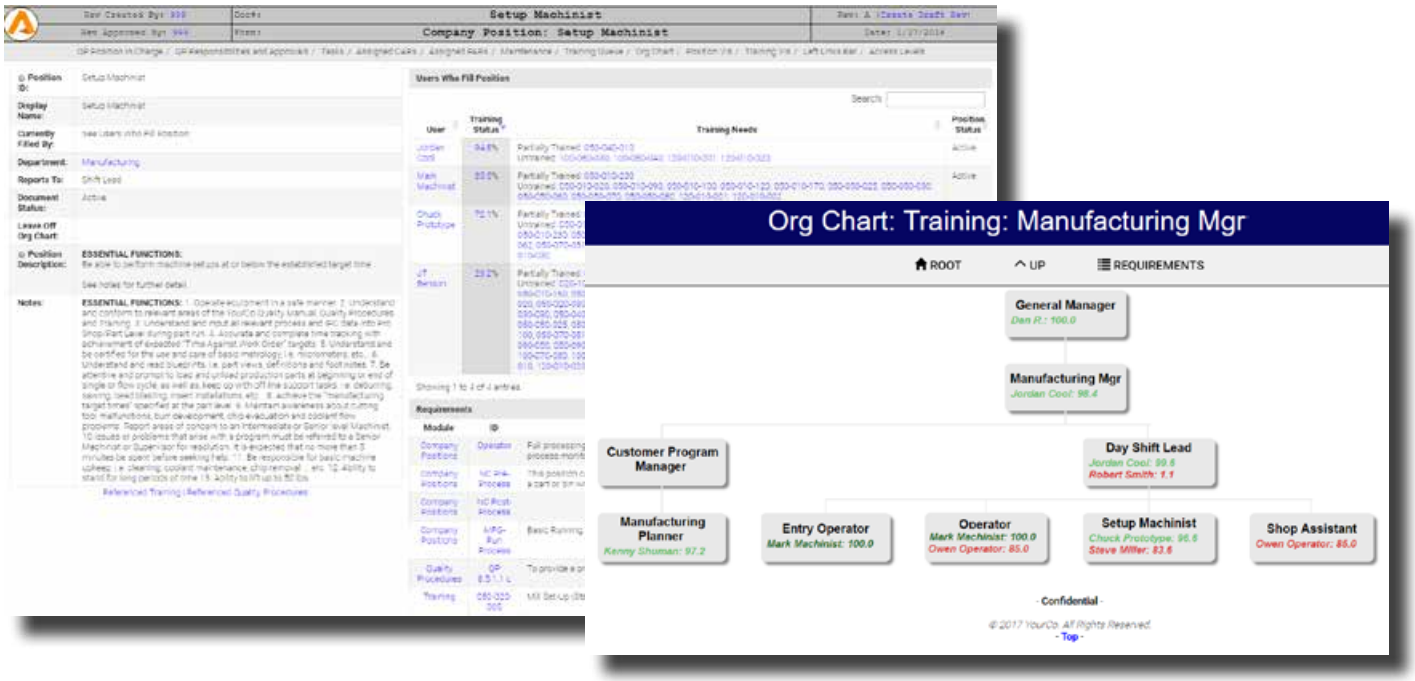
Return Material Authorizations (RMAs) track all incoming materials from a customer. Responsibility and cost can be specified, and all RMAs can have direct links to any applicable Purchase Orders, Work Orders, NRCs, CARs and PARs, so the full picture of a potential quality issue can be analyzed with just a few mouse clicks.



Company Positions

An unlimited number of Company Positions can be created and assigned to Users. These can then be assigned as responsible for actions and categories across ProShop, including NCRs, Audits, Quality Procedures, Equipment and more. This makes it much easier to reassign work temporarily and permanently when User changes happen.

The Company Positions automatically generate a dynamically updated and visual org chart showing all employees and their training percentages for the positions they are in. Company Positions are also used to assign training paths for users to advance to higher positions within the company. Series of Training records can be created to clearly identify and guide employees who are on an advancement path to higher levels of responsibility in the company. Managers can clearly see how far along employees are toward a new Company Position.



Hiring less experienced employees is a fact of life these days. Having them successfully get up to speed quickly is important. When employees can clearly see the positions they are in, how much training they need to advance and who can train them, it makes it easier for them to understand what they can do to advance in the company and engage in the company's culture of training.

Key Features

A few of the many features that make ProShop stand out from the crowd.

Dashboards

When simple dashboards display relevant data to each department, employees know what they should be working on next. Gone are the days of searching out a manager to get instructions on priorities, or searching through paper documents to make decisions.

Dashboards are a critical tool to monitor the performance of the company and individual departments at all levels of the company. They are the tools that guide daily and hourly decision making on the shop floor and in the office. With over 25 unique Dashboards for customer service, planning, shipping, inspection, receiving, sales, finance and much more, every department and manager are being updated in real time, continuously. Users can see the pulse of the entire company and what needs action next. Dashboards can easily be created, saved, shared and updated without incurring extra costs. Take control of the information that is important to you.

WO #	Part	Customer	Operations	Last Entry	Total Hours Spent	Current Target	Job Progress
09-0103	SB-2-0027, Main Case Adapter Cup	Spanski Aerospace (AS)		I15 ; Paul Van Metre	16.77	20.42	
09-0164	SB-2-0040, Angle Drive Housing	Spanski Aerospace (AS)		N04 ; Chuck Prototype	48.08	42.5	
09-0267	SB-2-0066, Flywheel drum	Spanski Aerospace (AS)					
09-0321	SB-1-0023, Carrier Cap	Spanski Aerospace (AS)					
09-0908	SB-2-0095	Spanski Aerospace (AS)					

Inspection Dashboard

Default View | With Allocations

Waiting On Final Inspection

Work Center: I15

	Work Order #	Part #	Qty Ordered	Customer	Must Leave By	Cust. due
☑	16-0439	3_330 3_16XBB - 36W X 95L (3_330 3_16XBB - 36W X 95L)	1	Rubber & Plastics	4/20/2016	4/23/2016
☑	14-0013	SB-1-0026 (Carrier Hub)	20	Spanski Aerospace (AS)	2/16/2017	2/18/2017
☑	13-0051	SB-1-0026 (Carrier Hub)	20	Spanski Aerospace (AS)	5/11/2017	5/14/2017
☑	14-0058	SB-1-0026 (Carrier Hub)	20	Spanski Aerospace (AS)	5/25/2017	5/28/2017

Inspection

Built into the DNA of ProShop is the ability to create inspection plans in the Parts module, and then execute those inspection plans on Work Orders. Inspection plans can be assigned to any operational step of a Part router. When inspection plan is assigned, that operation can have a First Article Inspection (FAI) report, and In-Process Checks (IPC) as well. ProShop will collect the data and instantly report if the values are within tolerance. If they are not within tolerance, an option to create an NCR is available.

Because inspection plans are tied into each operational step of the Part router, using ProShop's ability to define multiple routing methods allows the option of sending the exact inspection plan out to the manufacturing floor based on the routing method chosen for a given Work Order.

FAIs can be automatically formatted into different formats based on the client profile. If an aerospace customer needs an AS9102 FAI, setting the requirement once will ensure that client always gets the format of FAI that they want.

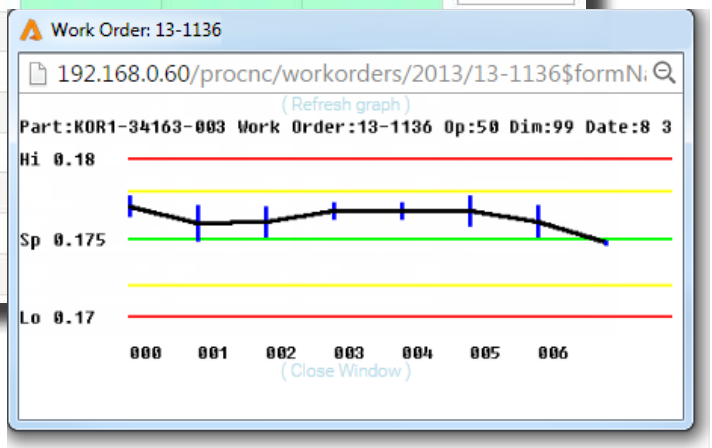
When an NCR is generated, specific employees can be instantly alerted through the messaging system.

The NCR reporting page allows easy and simple filtering of data to allow employees to see exactly what the most common causes of NCRs are, and what machines, people, shifts, customers, etc. are involved.

Check Part: Op 50

Inspection frequency: 10 Target Per Hour: 1.4 Last: 1.8 View / Set Cycle Time Estimates

Dim Tag #	Drawing Spec	Inspec Equip	Nom Dim	Tol ±	IPC?	7	8	9	10
41	3.359	Caliper		0.005	✔	3.3595	3.3609	3.360	
48	Ø .380	Pin		0.005	✔	.3795	.3795	.379	
52	5.547 5x	Pin + Height Gage		0.005	✔	5.5469-5.5472	5.5474-5.5467	5.5472-5.5481	
71	.224	Height Gage		0.005	✔	.2234-.224	.2238-.2232	.223-.2256	
74	4.481	GO/NO GO + Height Gage		0.005	✔	4.4810	4.4782	4.4822	
97	Ø .120 3x	Pin		+.004-.001	✔	.119-.120	.119-.1195	.119-.120	
99	Ø .175 3x	Optical C.		0.005	✔	.1759-.1776	.1752-.177	.1747-.1748	
101.2	Thread 2-56 STI 4x	GO / NO-GO			✔				
105	Ø .257 4x	Pin		+.002-0.0	✔				
107	Ø .328 4x	Pin		.010	✔				
128	Thread 4-40sti 6x	GO / NO-GO			✔				
131	1.222	GO/NO GO + Height Gage		0.005	✔				
136	.469 6x	GO/NO GO + Height Gage		0.005	✔				
139	.120 Thru 3x	Pin		.002	✔				



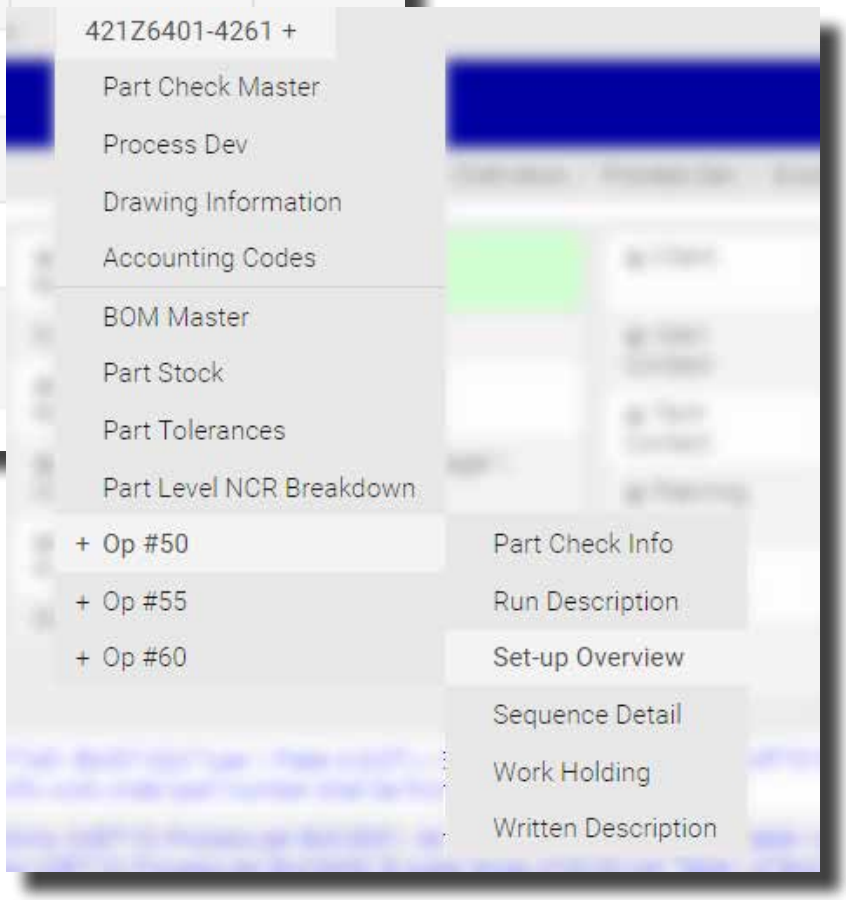
Navigation

Simple and intuitive navigation is one of the nicest parts about working in ProShop. Since ProShop has been web based since its inception, most of the navigation is performed with on-screen hyper-links. Like the quality objectives seen below, just click the link to be taken to the live page where you want to navigate to. ProShop also has menus that can be used, but the deepest menu is only 2 levels deep. No more memorizing menus to remember what you want to do in the software.

Quality Objectives of THE COMPANY.

Metric	Objective *	Responsibility	Reported
On-time Delivery	95% Due Date or Before	VP Operations	Monthly
Internal Quality - # of NCR (WO)s	Below 5% NCR (WO)s parts		
Supplier Performance	1% Overall Rejection		
Customer Perception	4.25 Overall Average		
Customer Returns (Internal Responsibility)	99% Quality (1% NCR(RMA) parts)		

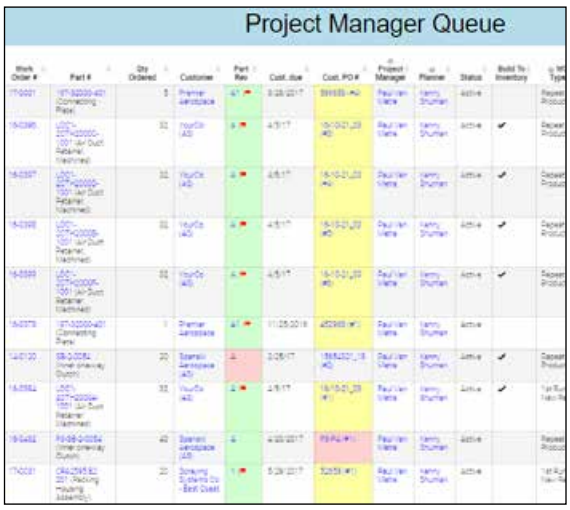
* All data is last calendar month or bi-annually as appropriate



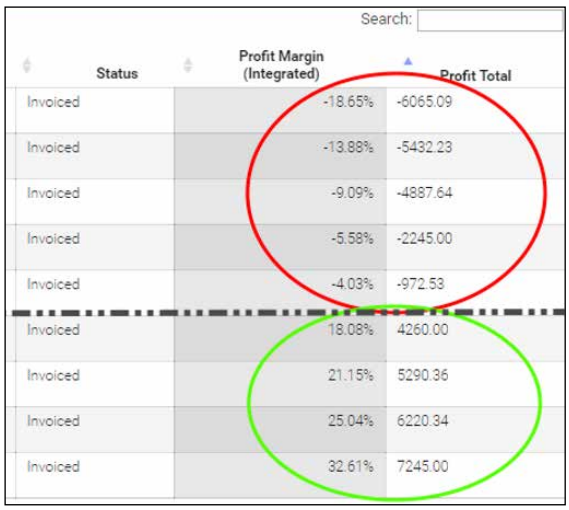
Simple navigation means ProShop is easy to learn! Everyone is used to browsing the web and understands that blue text, or underlined text means a hyper-link. Just click on what you want to see and you're instantly taken there.

Reporting

ProShop has powerful reporting and query functionality, allowing cross-module and multi-level reports to be generated. Any report can be saved for individual use or made 'Global" for all users to have access to. All query results are displayed in powerful data tables, allowing instant manipulation, sorting, filtering and exporting. Third party reporting software is not required to get the data you want. Our support team is also ready to help you develop the queries you need. We never charge to help clients build queries like other ERP companies do!



Build your own reports, and link them directly to your ProShop home page. Color codes help you focus on the items that need your attention.



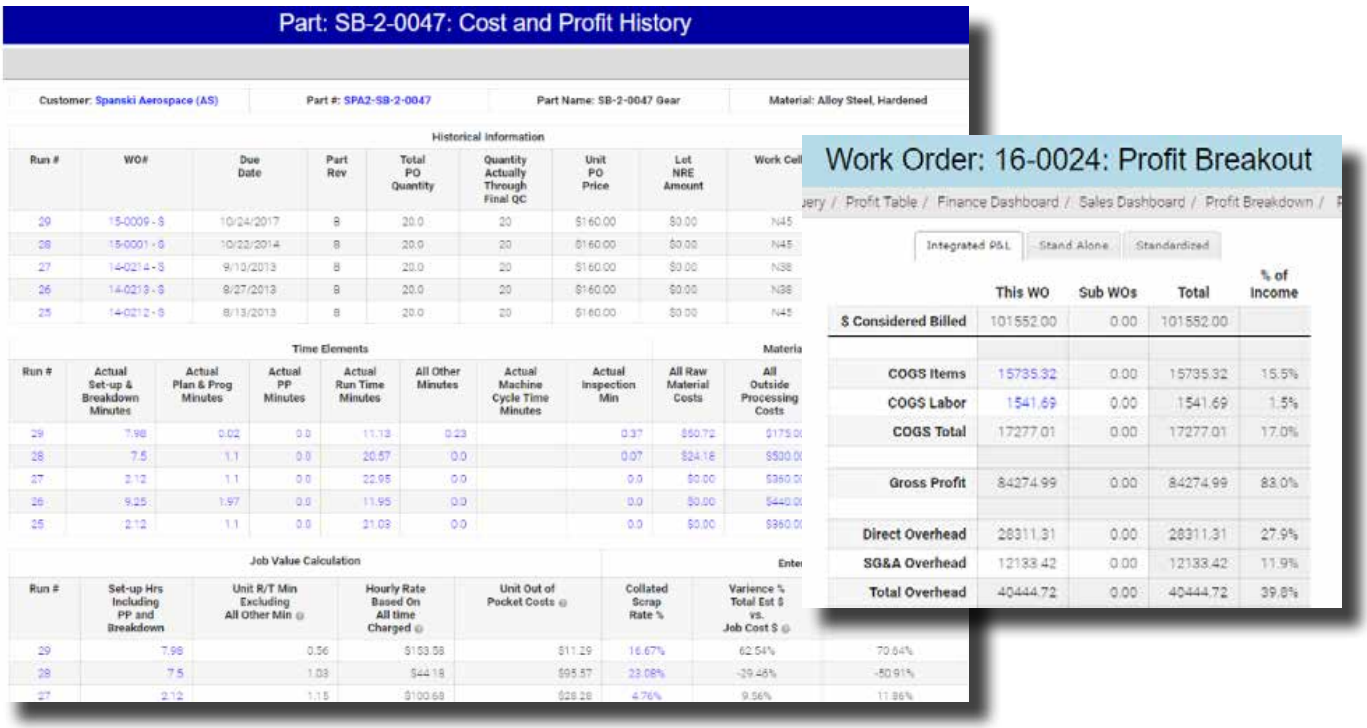
Profit reporting gives you the ability to drill down and determine which jobs are winners and losers.

Job Costing

What matters most at the end of the day is being profitable. Without profits you can't sustain and grow your business. Too many shops don't know how profitable their jobs are, or even which jobs are profitable and which are not. ProShop completely automates the process of reporting job profitability.

Whenever an employee tracks time on a job, or items are purchased for a job, ProShop is working in the background to capture this information. When the job ships, ProShop automatically publishes a live profitability summary to dashboards and pro-actively alerts specific employees to come take a look.

These reports can be combined to report on profitability by PN, customer, industry, project manager, etc. With this type of actionable data, company leaders have all the information they need to make smart decisions about their jobs and their customers. By focusing on solving or eliminating unprofitable jobs, the overall company profitability can be significantly boosted.



Part: SB-2-0047: Cost and Profit History

Customer: Spanski Aerospace (AS) | Part #: SPA2-SB-2-0047 | Part Name: SB-2-0047 Gear | Material: Alloy Steel, Hardened

Historical Information

Run #	WO#	Due Date	Part Rev	Total PO Quantity	Quantity Actually Through Final QC	Unit PO Price	Lot NRE Amount	Work Cell
29	15-0009 - S	10/24/2017	B	20.0	20	$160.00	$0.00	N45
28	15-0001 - S	10/22/2014	B	20.0	20	$160.00	$0.00	N45
27	14-0214 - S	9/10/2013	B	20.0	20	$160.00	$0.00	N38
26	14-0213 - S	9/27/2013	B	20.0	20	$160.00	$0.00	N38
25	14-0212 - S	8/13/2013	B	20.0	20	$160.00	$0.00	N45

Time Elements

Run #	Actual Set-up & Breakdown Minutes	Actual Plan & Prog Minutes	Actual PP Minutes	Actual Run Time Minutes	All Other Minutes	Actual Machine Cycle Time Minutes	Actual Inspection Min	All Raw Material Costs	All Outside Processing Costs
29	7.98	0.02	0.0	11.13	0.23		0.37	$60.72	$175.0
28	7.5	1.1	0.0	20.57	0.0		0.07	$24.18	$530.0
27	2.12	1.1	0.0	22.95	0.0		0.0	$0.00	$360.0
26	9.25	1.97	0.0	11.95	0.0		0.0	$0.00	$440.0
25	2.12	1.1	0.0	21.03	0.0		0.0	$0.00	$360.0

Job Value Calculation

Run #	Set-up Hrs Including PP and Breakdown	Unit R/T Min Excluding All Other Min	Hourly Rate Based On All time Charged	Unit Out of Pocket Costs	Collated Scrap Rate %	Varience % Total Est $ vs. Job Cost $
29	7.98	0.56	$153.58	$11.29	16.67%	62.54%
28	7.5	1.03	$44.18	$95.57	23.08%	-29.46%
27	2.12	1.15	$100.68	$28.28	4.76%	9.56%

Work Order: 16-0024: Profit Breakout

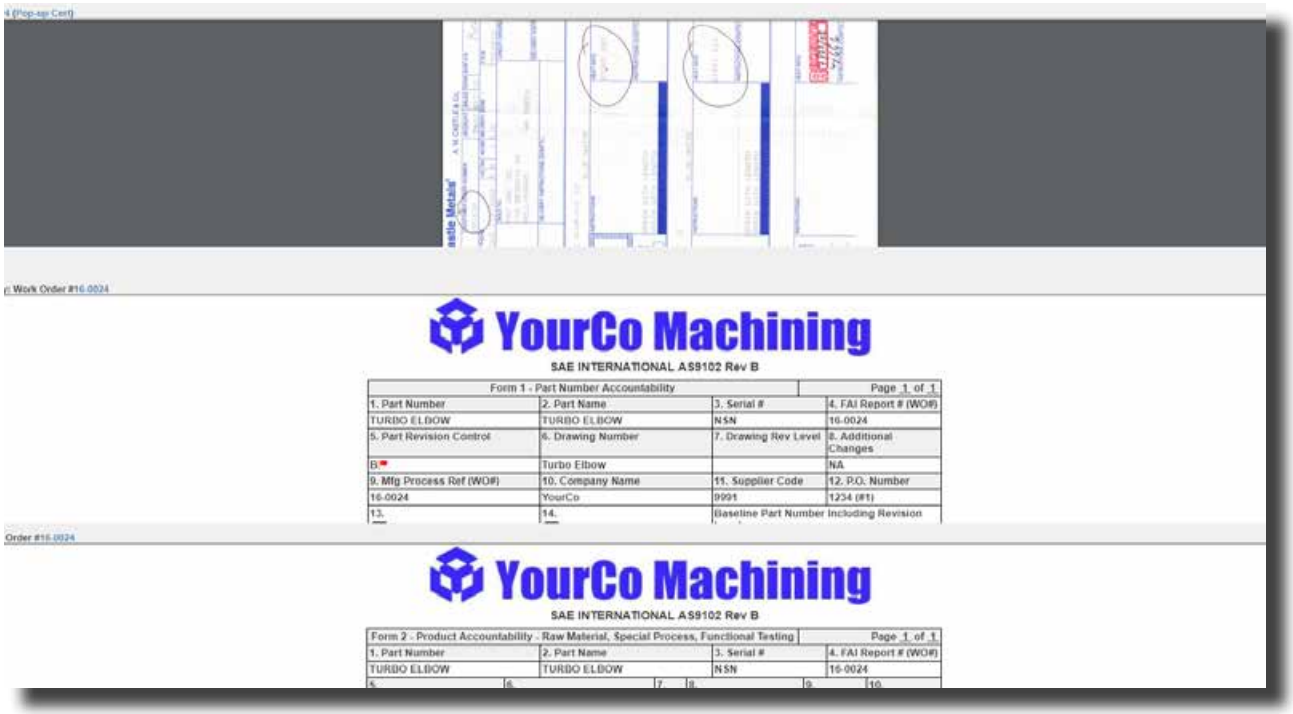
Profit Table / Finance Dashboard / Sales Dashboard / Profit Breakdown

Integrated P&L | Stand Alone | Standardized

	This WO	Sub WOs	Total	% of Income
$ Considered Billed	101552.00	0.00	101552.00	
COGS Items	15735.32	0.00	15735.32	15.5%
COGS Labor	1541.69	0.00	1541.69	1.5%
COGS Total	17277.01	0.00	17277.01	17.0%
Gross Profit	84274.99	0.00	84274.99	83.0%
Direct Overhead	28311.31	0.00	28311.31	27.9%
SG&A Overhead	12133.42	0.00	12133.42	11.9%
Total Overhead	40444.72	0.00	40444.72	39.8%

Cert Management

Managing certs is critical business. You must always know where your materials, processes and hardware came from. ProShop makes this process simple. When items are purchased and then received, the certs are scanned and ProShop automatically renames, moves and attaches each cert to the relevant line item on the PO. Those certs are permanently linked to the jobs or inventory items they are related to. Even in and out of inventory, ProShop will remember that association and provide complete traceability forever. When the time comes to ship that job, ProShop will automatically retrieve every cert associated, even across multi-level BOMs



YourCo Machining

SAE INTERNATIONAL AS9102 Rev B

Form 1 - Part Number Accountability			Page 1 of 1
1. Part Number	2. Part Name	3. Serial #	4. FAI Report # (WO#)
TURBO ELBOW	TURBO ELBOW	NSN	16-0024
5. Part Revision Control	6. Drawing Number	7. Drawing Rev Level	8. Additional Changes
B	Turbo Elbow		NA
9. Mfg Process Ref (WO#)	10. Company Name	11. Supplier Code	12. P.O. Number
16-0024	YourCo	9991	1234 (#1)
13.	14.	Baseline Part Number Including Revision	

YourCo Machining

SAE INTERNATIONAL AS9102 Rev B

Form 2 - Product Accountability - Raw Material, Special Process, Functional Testing			Page 1 of 1
1. Part Number	2. Part Name	3. Serial #	4. FAI Report # (WO#)
TURBO ELBOW	TURBO ELBOW	NSN	16-0024
5.	6.	7.	8. 9. 10.

ProShop knows the reporting preferences for every one of your customers. Do they require certs? An FAI in the AS9102 format? Once set in the contact module, ProShop will automatically generate the properly formatted document packages forever more.

Integrations

While ProShop is a comprehensive system and typically replaces 4-6 other software systems, we can't do it all alone. Our team has developed and will continue to develop integrations with some of the leading software packages on the market to provide further efficiency for our customers.

Export cutting tools from ProShop into Mastercam.

Balloon tag your drawings with a single click and then import your inspection plan into ProShop. It's never been this easy!

ProShop takes over many accounting functions such as job costing, inventory and WIP. Sync your invoices and bills with Quickbooks or Sage 50 for AR/AP and financial statements. You don't need to give up your current accounting system.

The ProShop development team is developing an API which will allow clients to connect ProShop to even more software packages. ETA mid 2019.