

# RAAS

FINANCE & ACCOUNTING FUNCTION PLUS  
FINANCE SYSTEM INTEGRATION OPTIONS



 AIS

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# Finance and Accounting Function



**RAAS** is a best of breed workflow solution designed specifically for management of aircraft maintenance requirement tracking, maintenance production planning, production control, materials planning with inventory management, material procurement, production & material cost accounting, postproduction compliance data collection with related quality assurance reporting and reliability analysis.

Production & material cost accounting elements involve RAAS features that enable parts material inventory value tracking, material expense tracking, order e-approval and e-signature, vendor invoice matching, production labor time tracking and customer invoicing.

RAAS is not designed to provide complete corporate financial accounting features however. For example, RAAS includes no general ledger or asset depreciation functionality. Instead, RAAS is designed to send pertinent data to a best of breed accounting and finance system. Typical data sent can include stock receipts, material expense/consumption data, vendor invoice details and customer invoice details. We have worked with many accounting software and ERP systems.

# Order e-Approval and e-Signature

**RAAS** Purchasing > Order Approval

Approval Status:  Pending,  Approved,  Rejected  
 Purchase Status:  Open,  Sent,  Void,  Closed  
 Order Date: Start , End   
 Base: All  
 Approval Level: All  
 Refresh

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Multi-Tier	Base	Order Date	Order Number	Total Cost	Approval Status	Vendor Name	Originator
<input type="checkbox"/>	YTZ	30-Oct-2021	RP1910515	2,172.86 CAD	Awaiting Approval by Group 2 - up to 5000	NIACC Avitech Technologies	Purchasing
<input type="checkbox"/>	YTZ	15-Nov-2021	RP1911226	3,404.17 CAD	Awaiting Approval by Group 2 - up to 5000	Parker Aerospace ESD (Smithtown)	Purchasing
<input type="checkbox"/>	YTZ	19-Nov-2021	RP1912338	2,706.18 CAD	Awaiting Approval by Group 2 - up to 5000	Barfield Precision Electronics, LLC	Purchasing
<input type="checkbox"/>	YTZ	21-Nov-2021	RP1910101	4,232.08 CAD	Awaiting Approval by Group 2 - up to 5000	Honeywell (Olathe)	Purchasing
<input type="checkbox"/>	YTZ	23-Nov-2021	RP1911304	3,574.19 CAD	Awaiting Approval by Group 2 - up to 5000	Parker Aerospace ESD (Smithtown)	Purchasing
<input type="checkbox"/>	YTZ	27-Nov-2021	RP1913143	4,192.12 CAD	Awaiting Approval by Group 2 - up to 5000	Parker Aerospace ESD (Smithtown)	Purchasing
<input type="checkbox"/>	YTZ	03-Dec-2021	RP1914032	3,891.63 CAD	Awaiting Approval by Group 2 - up to 5000	Parker Aerospace ESD (Smithtown)	Purchasing

Sort By: Order Number    Apply

Unselect All Select All Approve Reject

**RAAS** includes a diverse order e-approval feature set that will allow you to set approval authorities according to purchase value. Approvals can be routed to specific departments, can be configured to require multiple approver signatures, etc. Requests for order approval are sent via email and approvers can approve via web browser on their computer or handheld device, without having to log into RAAS at all.

For approvers with high rates of request for approval RAAS offers an onscreen utility that allows for quick approval processing in batch fashion. Once an order has been approved it is effectively e-signed and the approvers signature along with the buyer signature will appear on printed and emailed orders.

# Vendor Invoice Matching

RAAS Purchasing > Invoice Matching

Search for vendor while you type:

Vendor: Aviall Canada Ltd.

Invoice Total: 5626.21 CAD Total: 5616.9100

Invoice Number: 9306347667  
Invoice Date: 02-Nov-2018

Buttons: Add Invoice, Refresh, Find Invoice, Filter/Sort, Accept Invoice, Save

Invoice Items: Sel from Order, Add Manual Item

Invoice #	Vendor	Invoice Date	Invoice Item Description	Matching Status	Invoice Qty	Invoice Price Per	Invoice Per	Invoice Total
			28314-12 (MASK, O2 DISPOSABLE)*		4	281.1000	1	1,124.4000
			Matched with Item #1 of Order 18-1354		4	281.1000	1	1,124.4000
			303 (BULB)*		10	1.6300	1	16.3000
			Matched with Item #2 of Order 18-1354		10	1.6300	1	16.3000
			0L387 (BULB)*		100	0.6400	1	64.0000
			Matched with Item #3 of Order 18-1354		100	0.6400	1	64.0000
			4594 (BULB)*		5	13.5000	1	67.5000
			Matched with Item #4 of Order 18-1354		5	13.5000	1	67.5000
			4635 (LAMP)*		5	29.6900	1	148.4500
			Matched with Item #5 of Order 18-1354		5	29.6900	1	148.4500
			CH31900-6 (IGNITER, IGNITION, ENGINE)*		2	1,072.0000	1	2,144.0000
			Matched with Item #6 of Order 18-1354		2	1,072.0000	1	2,144.0000
			F18TSCWRS (BULB)*		24	7.2100	1	173.0400
			Matched with Item #7 of Order 18-1354		24	7.2100	1	173.0400
			Q4632 (LAMP)*		5	52.1200	1	260.6000
			Matched with Item #8 of Order 18-1354		5	52.1200	1	260.6000
			LD4-SGL Hyd Fluid: Low Density Sgl		1	652.8300	1	652.8300
			Matched with Item #9 of Order 18-1354		1	652.8300	1	652.8300
			33CTG (AEROSHELL 33)*		10	18.4700	1	184.7000
			Matched with Item #10 of Order 18-1354		10	18.4700	1	184.7000
			SMC100AV14-4LB Bearing Grease		1	96.7900	1	96.7900
			Matched with Item #11 of Order 18-1354		1	96.7900	1	96.7900
			289-1002 (DEMO O2 MASK)*		2	32.0700	1	64.1400
			Matched with Item #12 of Order 18-1354		2	32.0700	1	64.1400
			289-1002 (DEMO O2 MASK)*		3	32.0700	1	96.2100
			Matched with Item #12 of Order 18-1354		3	32.0700	1	96.2100
			382 (BULB)*		10	0.4600	1	4.6000
			Matched with Item #13 of Order 18-1354		10	0.4600	1	4.6000
			1251 (BULB)*		10	0.7400	1	7.4000
			Matched with Item #14 of Order 18-1354		10	0.7400	1	7.4000
			1665 (BULB)*		10	1.0700	1	10.7000
			Matched with Item #15 of Order 18-1354		10	1.0700	1	10.7000
			1691 (BULB)*		10	0.9300	1	9.3000
			Matched with Item #16 of Order 18-1354		10	0.9300	1	9.3000

Most airlines have a work flow for performing 3-way match of material receipts to vendor invoices, after which the vendor invoice will become an approved payable. A typical work flow will see material orders created in RAAS, material receipts processed in RAAS, while invoices are input to the main accounting system and the matching of material receipts to vendor invoices requires exchange of data between the two software systems. RAAS itself includes an invoice matching module that allows for dramatically

simplified work flow, where vendor invoices can be initially input to RAAS and material receipts are matched to the invoice. Once the invoice is fully matched RAAS will send a record of the invoice to the main accounting software, normally as an AP voucher. This work flow is recommended, not mandatory, and is enabled partially due to the fact that RAAS is 100% web-browser based and is therefore very easy for accounting personnel to gain access to.

# RAAS Labour Tracking

RAAS Planning & Production > Labour Entry

Employee: Edward, Joel Start Date: 12-Jun-2018 End Date: 30-Dec-2021 Generate Reports Add

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ID	Employee	Date In Time In	Date Out Time Out	Act Hours Job Card	Trade Job Card Group	Expense Center Aircraft or Company
3944	Joel Edward	12-Jun-2018 11:35	12-Jun-2018 13:05	1.5 58 P	AVI	C-AIS17 - AIS17 Beechcraft C90 - KA 90 - C-AIS17
3945	Joel Edward	12-Jun-2018 13:14	14-Jun-2018 18:00	52.77 56 P	AVI	C-AIS17 - AIS17 Beechcraft C90 - KA 90 - C-AIS17
3990	Joel Edward	18-Jun-2018 12:36	30-Jun-2018 12:14	287.63 730 P	AVI	AIS14- AIS14 Beech 200 - King Air 200 - C-AIS14
4103	Joel Edward	03-Jul-2018 18:16	03-Jul-2018 21:30	3.23 832 NP	AVI	AIS14- AIS14 Beech 200 - King Air 200 - C-AIS14
4121	Joel Edward	05-Jul-2018 18:00	05-Jul-2018 18:28	0.47 584 P	AVI	C-AIS10 - AIS10 Beech 200 - King Air 200 - C-AIS10
4122	Joel Edward	05-Jul-2018 18:29	05-Jul-2018 19:21	0.87 836 P	AVI	AIS14- AIS14 Beech 200 - King Air 200 - C-AIS14
4128	Joel Edward	06-Jul-2018 12:15	09-Jul-2018 12:20	72.08 653 NP	AVI	C-AIS10 - AIS10 Beech 200 - King Air 200 - C-AIS10
4142	Joel Edward	09-Jul-2018 13:56	09-Jul-2018 14:35	0.65 655 NP	AVI	C-AIS10 - AIS10 Beech 200 - King Air 200 - C-AIS10
4143	Joel Edward	09-Jul-2018 14:35	10-Jul-2018 17:28	26.88 642 NP	AVI	C-AIS10 - AIS10 Beech 200 - King Air 200 - C-AIS10
4160	Joel Edward	11-Jul-2018 11:45	11-Jul-2018 12:45	1 35 P	AVI	C-AIS23 - AIS23 Piper Navajo - PA31 - C-AIS23
4164	Joel Edward	12-Jul-2018 11:15	12-Jul-2018 13:00	1.75 39 P	AVI	C-AIS23 - AIS23 Piper Navajo - PA31 - C-AIS23

Employee Last Name Ascending Time In Ascending Sort

RAAS User

RAAS includes a labor tracking module as well as a manpower labor scanning/tracking utility that allows production personnel to clock into and out of jobs. In a paper based environment production personnel will have an employee badge and at PC scan stations on the hangar floor users can scan into and out of jobs. For personnel on the ramp or at remote stations scanning can be accomplished via mobile phone. For those customers who have achieved paperless maintenance production there is a Task

Assignment module in RAAS through which production personnel access details about the work they have been assigned, and in this module users can "start" and "stop" work on individual jobs or tasks. In one customer case an integration was developed with a third party e-punch clock and pass control software where RAAS sends the third party punch clock software a list of inprocess RAAS jobs and production personnel can clock into and out of RAAS jobs through the third party software.

# Transaction Types and Expense Centers

The screenshot displays the RAAS system interface for 'Expense Center Transactions'. The main window shows a list of transactions with columns for description, date, and amount. A 'Detail Report' window is open, allowing users to filter transactions by date range, employee, and transaction type. The 'Expense Center Detail Setup' window is also visible, showing options to view batches, show inactive expense centers, and select transaction types. The transaction list includes items like 'AVI', '1164 - 123456 (ADAPTER)', and '4684C000 - 725781-1 (CONDENSER)'. The 'Expense Center Detail Setup' window shows 'C-AIS3 - AIS3' selected under 'Show inactive Expense Centers' and 'Labour' selected under 'Select Transaction Type(s)'. The transaction list shows various entries with amounts in CAD, such as '7.055', '85.00 CAD', and '8332.02 CAD'.

For production and material cost accounting purposes various Transaction Types exist such as Purchase, Repair, Warranty, Stock Transfer, Labor, Freight, etc. The list of Transaction Types is modifiable. As a regular sideeffect of daily RAAS use Transactions are accumulated into Expense Centers (EC), which are effectively

ledgers. ECs can be associated to any entity in RAAS and are typically related to aircraft, inventory locations, internal shops and external customers. Period-oriented records of transactions can be exported to your main accounting and finance system.