

Toward the Sounds of Chaos

Lessons Learned from the US Marine Corps Applied to AP Automation



Lee Jacobs

Head of Product

SquareWorks

lee.Jacobs@squareworks.com

linkedin.com/in/d-lee-jacobs









Agenda



- · Chaos in AP and the Fog of War
- The Marine Corps Troop Leading Steps
- Innovation in AP Automation
- Question & Answer



What is this about?







Comparing Accounts Payable to USMC



- Making decisions with imperfect information
- Difficulty visualizing the end-to-end process
- Information locked in disparate systems
- Settling for the status quo is easier than change - "complacency kills"



"In every battle I set out to create chaos in the enemy's thinking, using deception and turning faster inside his decision loop, always assuming that he would adapt.

Call Sign Chaos, General James Mattis, USMC (Retired)

BAMCIS

The Marine Corps Troop Leading Steps







Begin Planning

Gain clarity into your AP challenges

- High Staffing & Overhead Costs
- Late Payments & Frustrated Vendors
- High Employee Turnover
- · Inability to Keep Up with Business Pace
- Delayed Month-End Close & Reporting





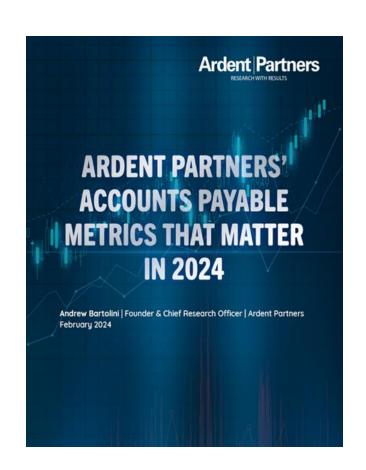
What are your organization's top AP priorities this year?

- Improve AP reporting and data analytics
- Enable more suppliers to submit invoices electronically
- Implement AP automation
- Eliminate paper invoicing and reduce manual tasks
- Reduce processing costs



AP's Strategic Agenda

Improve AP reporting and 53% data analytics **Enable more suppliers to** 38% submit invoices electronically 36% Implement AP automation Eliminate paper invoicing and 35% reduce manual tasks 29% **Reduce processing costs**





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The Marine Corps Troop Leading Steps



Begin Planning

Arrange for Reconnaissance

Complete the Plan

Issue the Order

Supervise



Accounts Payable Benchmark KPIs





Averag	ge
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Best-In-Class

THE CYCLE THE	Invoice	Cycle	Time
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10.1 Days

3.4 Days

Electronic Payments %

62%

100%

Invoice Processing Cost

\$9.87

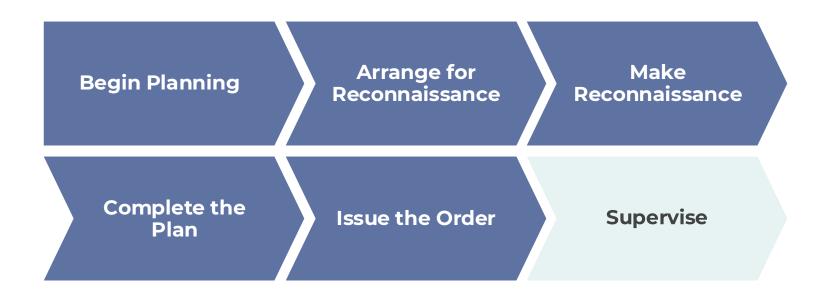
\$2.81



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The Marine Corps Troop Leading Steps









Situation

- Acme is the world's leading manufacturer of anvils, bird seed, and rocket-powered pogo sticks
- Top line growth of 50% in 2024
- AP is a blocker to business growth, negatively impacting strategic supplier relationships
- Invoice cycle time = 20 days
- AP Team of 4
 - Manually processing 2,000 invoices per month
 - Bi-weekly check runs take a full day for one person
 - Spend two hours per day responding to vendor inquiries
 - One AP clerk just gave two weeks notice





Mission

In 2025, the AP team will decrease invoice cycle time to less than 5 days in order to unblock business growth



Execution

- How does Acme improve invoice cycle time by 75%?
- Throwing people at the problem is untenable
- Half of the 20 day invoice cycle is spent waiting on department heads to approve invoices in their ERP
- Risk-averse AP team prefers the status quo over complex projects with risk of failure

Case for AP Automation



Reduce Supplier Inquiries



Eliminate In-Office Check Printing



Automate Invoice Capture



Improve AP Reporting & Analytics



Systematize Approvals



Enemy Situation – friction that could prevent mission accomplishment



EMLCOA

Status Quo Overwhelms AP Automation Project Progress



EMDCOA

Lack of IT Resources Results in Implementation Failure



Center of Gravity

Procurement Does Not Stop for an Internal Project



Critical Vulnerability

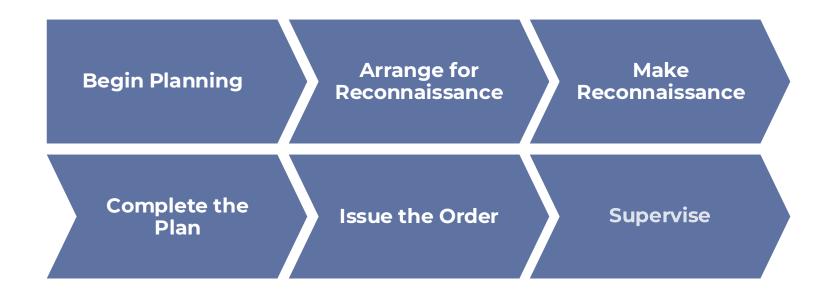
Outsource Payment
Processing - Immediately
Results in 2 AP Days
Gained Per Week



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The Marine Corps Troop Leading Steps







"The best laid plan never survives first contact with the enemy.

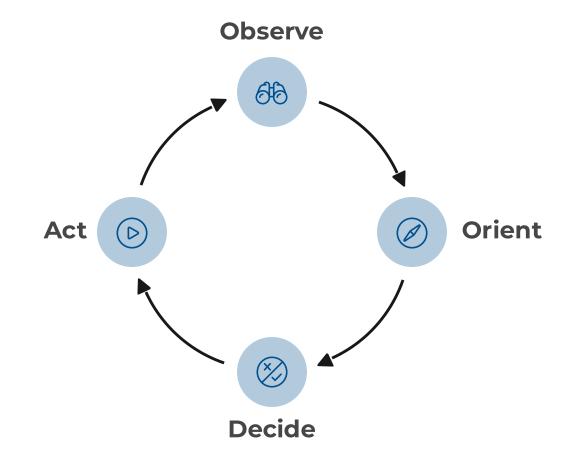
Helmuth Karl Bernhard Graf von Moltke, Prussian Field Marshall



The OODA Loop

Agility can overcome raw power







Agility can overcome raw power



IT Department Bogged Down with Procurement Project, Proposing AP Automation Delay to 2026



AP Automation Project Must Require Minimal Integration Effort



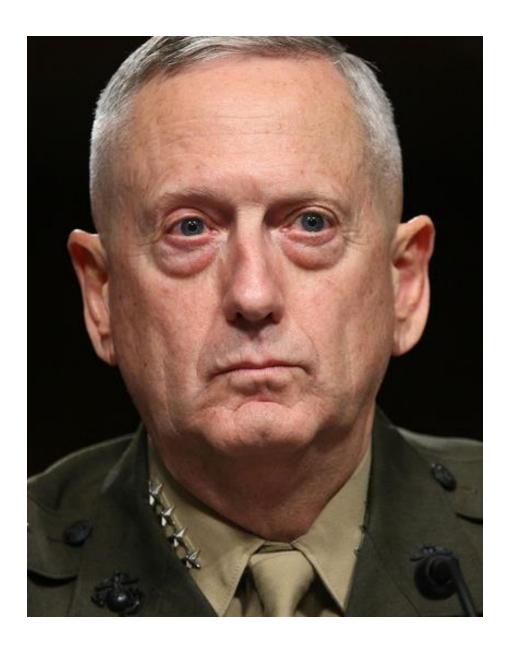
Select an AP Automation Vendor with a Native ERP App



Narrow AP Automation Vendor Evaluation to Top Candidates with Native ERP App

Act



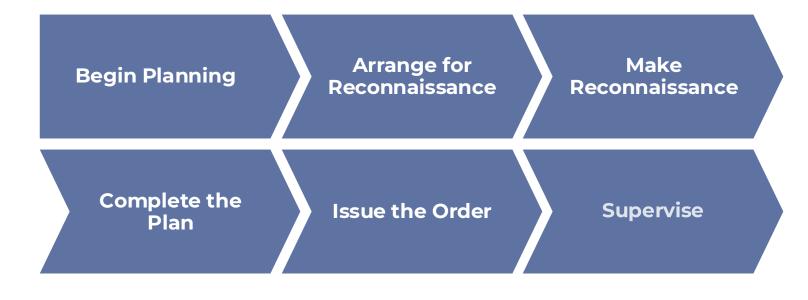


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Wrapping Up

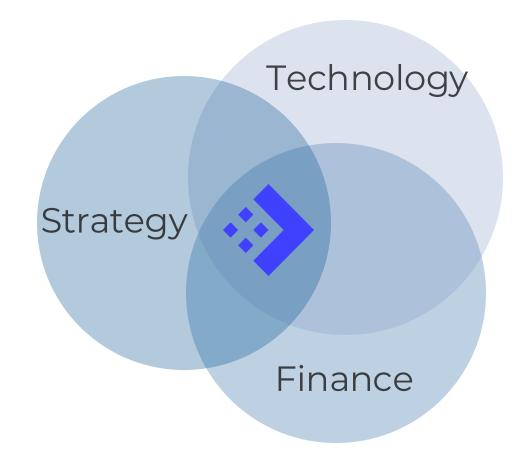






SquareWorks Automate

Dissolve the boundaries between finance, technology and strategy





We're bringing this about through

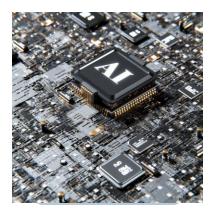
- · Financial Automation
- · Intelligence
- Deeply Integrated in ERP

How We Approach Dissolving the Boundaries



AP Persona Focus

Financial Automation for the complete set of AP jobs-to-bedone



Intelligence

Leverage AI to redefine business workflows for AP



Deep ERP Integration

Keep AP Teams in their ERPs and eliminate costly integrations

What pain points do you experience booking expense accruals?

- Merging disparate data sources (i.e. Excel)
- Delayed month-end close
- Tracking un-billed purchase orders
- Accounting for bills pending approval
- Waiting on stakeholder and vendor inputs
- We don't accrue expenses



Accruals Fog of War

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uester	Vendor	Item fonly	Departmen	Program	PO Total	Remaining Unbilled	PO Numb	e Mem	Start Date	End Date													
						Expens	e Forecasi	_															
l by PO											Q1-2022	Q1-2022	Q1-2022	@2-2022	Q2-2022	Q2-2022	Q3-2022	Q3-2022	Q3-2022	Q4-2022	Q4-2022	Q4-2022	Q1-202
							PO Numb	er			1/31/2022	2/28/2022	3/31/2022	4/30/2022	5/31/2022	6/30/2022	7/31/2022	8/31/2022	9/30/2022	10/31/2022	11/30/2022	12/31/2022	1/31/20
Armstrong	Arctic Dynam	Software Lice	Regulatory	None	38,250.00	-	PO00410	Accen	9/1/2022	9/30/2023									2,942.31	2,942.31	2,942.31	2,942.31	2,94
Armstrong		R&D Consult		General ABC	100,000.00	89,825.00	PO00558	Accen	9/1/2022	9/30/2024									769.23	769.23	769.23	769.23	4,10
Armstrong		Regulatory C		General ABC	250,000.00	153,330.00	10171	Gener:	11/1/2022	12/31/2023											17,857.14	17,857.14	17,85
don Bellamy	Arctic Globa	G&A Consult	Operations	None	9,600.00		PO00478	Agmt1	2/1/2021	3/31/2021												-	
Caldwell	Arctic Group	G&A Consult	Executive - G	None	12,000.00	-	PO00586	Consu	12/1/2021	12/31/2022	923.08	923.08	923.08	923.08	923.08	923.08	923.08	923.08	923.08	923.08	923.08	923.08	
n Drake	Arctic Indust	R&D Consult	Quality	None	15,000.00	15,000.00	710398	Work	6/1/2022	10/31/2022						3,000.00	3,000.00	3,000.00	3,000.00	3,000.00		-	
don Bellamy	Arctic Labs	G&A Consult	Executive - G	None	30,000.00	15,000.00	P000438	Advis	7/1/2022	6/30/2023	-						2,350.00	2,350.00	2,350.00	2,350.00	2,350.00	2,350.00	2,35
don Bellamy	Arctic Logist	Lab Equipme	Research	None	242.58		PO00531	Office	2/14/2022	2/28/2022		242.58				-				-	-	-	
don Bellamy	Arctic Logist	Lab Equipme	Research	None	372.99	-	PO00532	Office	2/16/2022	2/28/2022		372.99										-	
a Ellsworth	Arctic Logist	Lab Equipme	Research	None	414.51	-	2106	Amazo	2/17/2022	2/28/2022		3,397.23	3,397.23	3,397.23	3,397.23	3,397.23	3,397.23	3,397.23	3,397.23	3,397.23	3,397.23	3,397.23	3,38
don Bellamy	Arctic Logist	Office Equips	Operations	None	251.32	-	10278	office	3/1/2022	3/31/2022			1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,35
don Bellamy	Arctic Logist	Office Suppli	Operations	None	1,262.09		710330	office	3/1/2022	3/31/2022		-				-				-	-	-	4,67
don Bellamy	Arctic Logist	Office Suppli	Operations	None	285.93	-	PO00543	office	3/10/2022	3/31/2022	33,126.23	32,283.23	480.68	51,588.05	1,851.05	1,851.05	25,859.23	2,536.23		25,378.56	2,055.56	-	
a Ellsworth		Office Suppli		None	45.25	-	P000449	x Jeff	3/10/2022	3/31/2022	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,2
a Ellsworth	Arctic Logist	Office Equips	Research	None	553.32		710346	To Joi	3/11/2022	3/31/2022		103,567.40	103,567.40	103,567.40	130,357.40	116,307.40	245,314.36	245,314.36	245,314.36	245,314.36	305,334.76	305,334.76	334,70
don Bellamy		Office Suppli		None	126.11		710335	consu	3/16/2022	3/31/2022			30,437.48	30,437.48	44,487.48	120,764.40	266,715.80	324,707.17	324,707.17	573,149.36	701,999.36	542,588.11	231,3
don Bellamy	Arctic Logist	Office Suppli	Operations	None	251.86		PO00459	office	3/17/2022	3/31/2022			251.86			-							
don Bellamy		Office Equips		None	2,549.62		P000447	office	4/18/2022	4/30/2022		-		2,549.62		-				-			
don Bellamy	_	Office Equips		None	3,510.48		P000408	office	4/22/2022	4/30/2022				3,510.48									
don Bellamy		Office Equips		None	1,327.38		PO00568	shared	9/1/2022	9/30/2022									1,327.38				
Faraday	Arctic Partne	Accounting, .	Finance	None	36,000.00	32,500.00	PO00569	Blanko	1/1/2023	12/31/2023												-	3,00
e Granger	Arctic Suppli	G&A Consult	Executive - G	None	34,650.00	33,587.50	PO00570	Blanko	1/1/2022	12/31/2022												-	
e Granger	Arctic Syster	G&A Consult	Executive - G	None	165,001.00	-	PO00523	HR Cc	2/1/2022	12/31/2022				6,646.15	6,646.15	6,646.15	6,646.15	6,646.15	6,646.15	6,646.15	6,646.15	6,646.15	6,64
e Granger	Arctic System	G&A Consult	Executive - G	None	134,400.00	112,000.00	10270	Blanko	1/1/2023	12/31/2023					4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,000.00	4,00
y Hargrove	Arctic Techno	R&D Consult	Clinical	IBM	238,125.00		710356	Interim	4/1/2022	4/30/2023	35,000.00	35,000.00										-	
y Hargrove	Arctic Ventu	R&D Consult	Executive - F	None	5,000.00	2,500.00	PO00417	Medic	1/1/2022	12/31/2022		-				-						-	
Faraday	Blue Consult	G&A Consult	Executive - G	None	27,000.00	16,000.00	PO00407	Human	4/1/2022	12/31/2022													
merpn	Blue Group	R&D Consult	смс	General ABC	104,400.00		PO00560	Blanko	1/1/2022	12/31/2022			24,301.06	25,967.73	25,967.73	25,967.73	25,967.73	25,967.73	25,967.73	25,967.73	25,967.73	25,967.73	26,79
ngram	Blue Group	R&D Consult	смс	General ABC	84,000.00	72,650.00	PO00573	Blanko	1/1/2023	12/31/2023	5,179.37	5,179.37	5,179.37									-	
Jasper	Blue Holding	CMC Drug P	смс	General ABC	1,547,912.03	268,448.94	PO00555	Agmt1	4/1/2021	12/31/2025		5,747.70	5,747.70									-	
Jasper		CMC Drug P		General ABC	681,975.00	681,975.00	710391	Phase	6/1/2023	6/30/2027							2,943.33	2,943.33	10,218.33	113,248.33	19,078.33	19,078.33	19,07
Kensington	Blue Holding	CMC Drug P	смс	General ABC	15,750.00	15,750.00	PO00475	Additi	2/1/2023	4/30/2023											10,635.38	232,719.98	35,53
Faraday		Insurance, Ot		None	44,164.00		P000448	Agmt	2/1/2022	2/28/2023											1,315.00	1,315.00	1,30
Faraday		Insurance, Ot		T-LGLL	17,675.00		710326	Clinics	3/1/2022	3/31/2023			1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,359.62	1,35
Drake		Quality GXP		IBM	30,000.00	-	PO00585	Clinics	1/1/2023	12/31/2023													4,61
Jasper		CMC Drug P		General ABC		111,205.02		Analyt	6/1/2021	11/30/2025	33,126.23	32,283.23	480.68	51,588.05	1,851.05	1,851.05	25,859.23	2,536.23		25,378.56	2,055.56		
Jasper		CMC Drug P		General ABC		6,669.50		Agmti	1/1/2022	7/31/2024	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,217.10	1,2
Jasper		CMC Drug S		General ABC		3,603,502.56		Agmt1	2/1/2022	9/30/2027		103,567.40	103,567.40	103,567.40	130,357.40	116,307.40	245,314.36	245,314.36	245,314.36	245,314.36	305,334.76	305,334.76	334,70
Jasper		CMC Drug S		General ABC		3,559,074.77		Agmt1	3/1/2022	10/31/2026			30,437.48	30,437.48	44,487,48	120,764.40	266,715,80	324,707.17	324,707,17	573,149.36	701,999,36	542,588,11	231,3
Kensington		CMC Drug S		General ABC		10,320.00		WS-01	2/1/2023	7/31/2023										,		-	



Conclusion



- · Chaos in AP and the Fog of War
- BAMCIS The Marine Corps Troop Leading Steps

AP Challenges and KPI Benchmarks

Business Case for AP Automation

Defining the Mission

Knowing the Enemy Situation

Applying the OODA Loop

SquareWorks Approach



Q&A

Netgain Accounting SUMMIT 25

Netgain Accounting SUMMIT 25

Thank you



Lee Jacobs

Head of Product, SquareWorks

lee.jacobs@squareworks.com

Provide Feedback

