Technology, Toner, and Tone

Simple things that matter in fraud and controls

2021 Audit Services Fall Fraud Seminar

December 9, 2021



Agenda

8:30	Opening remarks by Auditor Greg Kimsey
8:35	Update From Clark County Information Technology Department
8:45	Technology and You: Your Role in Securing County Systems, Data, and Assets
9:35	Break
9:50	Toner: One Library's Story of Loss
10:40	Tone: The Missing Link

Closing remarks by Mark Gassaway

Protecting the County

Clark County Information Technology



What IT is Concerned About

- Phishing Emails
- Malicious Sites
- Malicious Software
- Bad Actors
- Ransomware
- Data Breaches



How IT is Protecting the County

- Multi-factor authentication (MFA)
 - Phase 1 is complete
 - Phase 2 is underway
- Network Hardware Refresh
 - New End Point Protection Software
 - Network Segmentation
 - Application Centric Infrastructure (ACI)
 - New Firewalls to protect east/west data traffic
- Cloud-based applications
- New VPN software



How IT is Protecting the County Cont.

- Employee education
 - 2022 Cyber Security Training program
- Monitoring tools
 - Critical Insight 24/7 monitoring
 - Varonis
- Recovery tools
 - Cyber Recovery Platform
- O365
- IT Security Committee
- Cyber Security Analyst



Collaboration and Data Security

Current State Collaboration

- Various tools
- Future State Collaboration (2022)
 - Microsoft Teams Guest Access
 - New sFTP platform

Data Security

- Responsibility of Teams site owner, not IT
- Do not setup personal tools
 - Google Drive
 - Box
 - Dropbox



Be Alert When in doubt, reach out to IT Never give out Username/Password

Thank you



Technology and You: Your Role in Securing County Systems, Data, and Assets

Michael Nash, Audit Services

December 9, 2021



Today's Agenda

- Risk and Control in a Changing Service Environment
 - Need and opportunity to change how and where we work and how we interact with stakeholders
 - Changes introduce new risks and might undermine existing controls designed to address existing risks
 - A simple framework for identifying and assessing new and existing "human" risks when implementing new technology and processes
- The Changing World of Data Sharing and Recordkeeping
 - Recent changes to data sharing laws





Risk and Control in a Changing Service Environment



Crisis and Opportunity

- Pandemic changed how we work and how we interact with stakeholders
 - How and where we work:
 - Work from home / remote
 - Interaction with co-works, supervisors, managers, other departments
 - How we interact with stakeholders:
 - County Residents
 - Vendors, Contractors, Consultants
 - Other agencies and partners









Crisis and Opportunity

- Technology has facilitated these changes
 - New software
 - New hardware
 - New processes
- While changes have brought new opportunities, they also come with some RISK









Risks Both New and Old

- New technology and process introduce new risks or heighten existing risks
 - Work-from-home
 - Ransomware
 - Trust and verification without personal interaction
 - Changing payment information
 - File sharing and collaboration in TEAMS
 - Records requests
 - Sensitive data





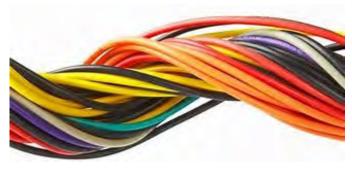




Risks Both New and Old

- New technology and process might undermine existing controls designed to address existing risks
 - Opening mail with cash and checks
 - Less volume as transactions done online
 - Most staff working from home, but controls designed assuming lots of people in office
 - Shift in risk as a result









 Clark County IT can address risk inherent to the technology we adopt

 To fully address risk and ensure effective control, we need processes both on the technological side and the human side









As employees and people:

- Look for conveniency and efficiency
- Want to be responsive and professional
- Make mistakes



- As employees and people:
 - Look for conveniency and efficiency
 - Want to be responsive and professional
 - Make mistakes

- Unfortunately, these qualities can be exploited
 - Threat actors target human fallibility for their most effective attacks

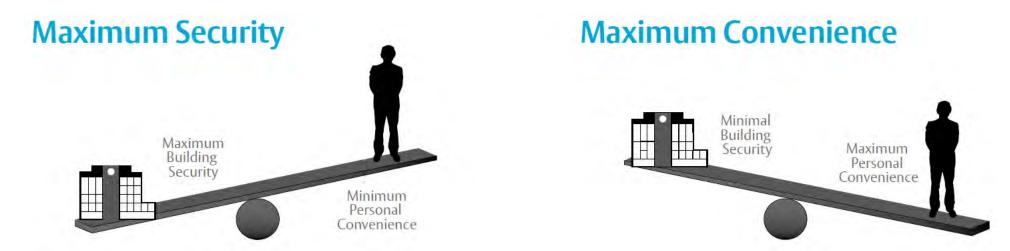


- As employees and people:
 - Look for conveniency and efficiency
 - Want to be responsive and professional
 - Make mistakes

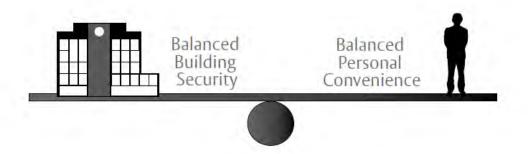
- Our fallibility can result in mistakes that have significant consequences
 - Sharing confidential data / information



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Proper Balance





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A Framework for New and Existing Risks

Let's think about a simple framework for addressing new and existing risk:

- Ask "who / what / when / why" questions to identify risks
- Determine impact by asking: "what would be the outcome if accessed inappropriately or shared unintentionally?"
- Determine likelihood
- Design controls to address









A Framework for New and Existing Risks

Let's ask some questions about Guest Access in Microsoft TEAMS:

- Who would have access?
- What information would we like to be able to upload / share?
- How would we use the chat feature to communicate?









Asking some questions:

- Who would have access?
 - Dept. Staff and staff from another public agency (non-County)
- What information would we like to be able to upload / share?
 - County data related to public health, but no personal information
 - Draft analysis and findings developed with the partner agency
- How would we communicate that information?
 - By uploading documents and using the chat feature to communicate back and forth



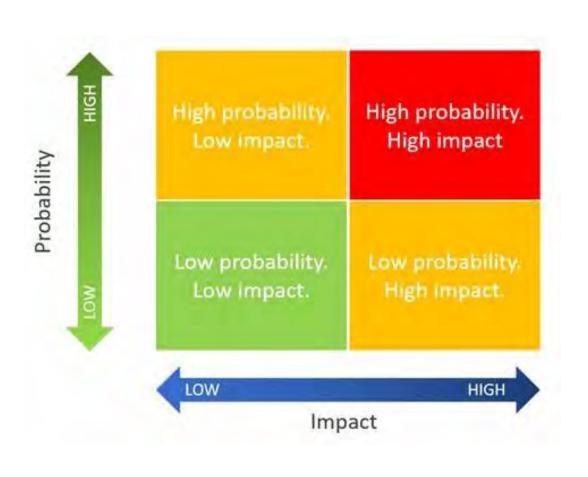
What would be the impact if?

- Dept. Staff and staff from another public agency (non-County) had access to
 - County data related to public health, but no personal information
 - No or Low Impact: information is public
 - Draft analysis and findings developed with the partner agency
 - Some impact: Drafts change, analysis hasn't been reviewed for accuracy and is of some public interest; possible version control issues
- Uploaded to TEAMS
 - We're not sure how TEAMS stores information -> Reach out to IT to understand
- Along with chat used to communicate back and forth
 - Some impact if we discuss otherwise confidential information or communicate unprofessionally



What would be the Likelihood or Probability?

- County data related to public health, but no personal information
- Draft analysis and findings developed with the partner agency
- Comments in chat feature to communicate back and forth





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Risk: inappropriate access

 Control: Process to invite Guests to TEAMS groups based on need

 Risk: Disclosure of County data related to public health, but no personal information Low likelihood, no impact: no control needed



 Risk: Disclosure of draft analysis and findings developed with the partner agency leaked

- Control: process to ensure documents are clearly marked as draft and apply correct sensitivity label
- Only designated staff upload documents to Teams and apply labels



- Risk: Disclosure of chat used to discuss confidential information or communicate unprofessionally
- Communication policy developed and shared with partner agency



A Framework for New and Existing Risks

Let's ask some questions about a new process for recording checks received in the mail

- Old process: open mail in a public area, log checks received on a check log sheet
- New process: Staff working from home; come in once a week to open mail, scan all checks, and send copies to supervisor









Asking some questions:

- What risks was the control in the old process designed to address?
 - Ensure checks are not lost or stolen
 - Create a record of checks received which allows us to reconcile to deposits made to ensure all monies are deposited
- Who was involved?
 - Staff who opened the mail
 - Supervisor who review the log
 - Other staff / supervisor who witnessed mail be opened



What would be the impact?

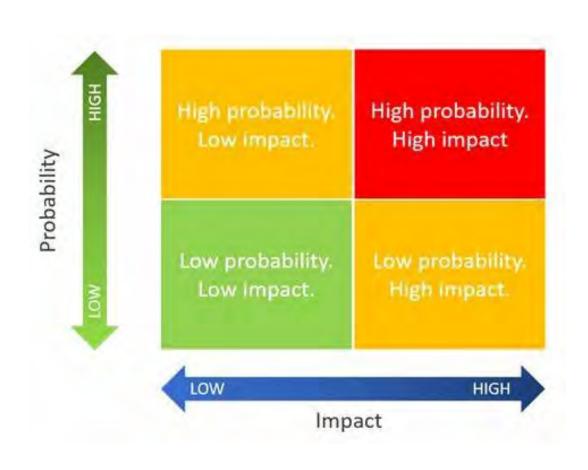
- Has the impact changed form the old process to the new one?
 - A check was lost?
 - A check was stolen?

No, under both process, the potential impact is the same



What would be the Likelihood or Probability?

- Create an accurate record of checks received to reconcile to deposits made to ensure all monies are deposited
 - Mail logs sometimes have errors; new process of scanning reduces the chance

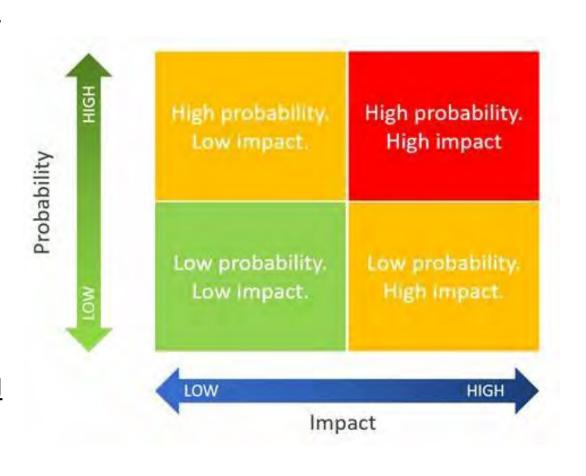




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What would be the Likelihood or Probability?

- Ensure checks are not lost or stolen
 - Under new process, mail not opened publicly; no way to know if a check is received but not scanned
 - Scanning the checks creates an <u>additional electronic record</u> containing <u>account and routing</u> information stored in emails





 Risk: Checks are received but not logged Control: Coordinate mail opening when another employee will be present

- Alternative: Receipting done by Treasury
- Note: Opening mail on webcam still does not fully address risk



 Risk: Scanned copies of checks stored in emails

 Alternative: Mail log scanned instead of checks, so no electronic record created containing check details



Audit Services: We're Here to Help

- When adopting new technology or implementing a new process around technology, may not be easy for you to identify:
 - Risks
 - Impact
 - Likelihood
 - Effective controls
 - If and when you need help, reach out to Audit Services!



The Changing World of Data Sharing and Recordkeeping



Recent Changes to Data Sharing Laws

ESSB 5432: Cybersecurity and Data Sharing in Washington State government

- Requires public agencies to have data-sharing agreements in place when sharing certain confidential data
- Applies when sharing data with contractors as well as other public agencies
- Report with implementation recommendations expected in December 2021
 - Data transfer and encryption standards



What is a Data-Sharing Agreement?

- Formal contract
- Clearly documents:
 - What data is being shared
 - How the data can be used
 - 1. PURPOSE AND JUSTIFICATION FOR SHARING THE DATA

Provide a detailed description of the purpose and justification for sharing the data, including specifics on how the data will be used.

Is the	purpose o	f this ag	reemer	nt for human subjects research?
		Yes		No
If yes:	Does the	research	requir	e WA State Institutional Review Board (WSIRB) approval?
		Yes		No

DATA SHARING AGREEMENT

FOR

CONFIDENTIAL INFORMATION OR LIMITED DATASET(S)

BETWEEN

STATE OF WASHINGTON DEPARTMENT OF HEALTH

AND

This Agreement documents the conditions under which the Washington State Department of Health shares confidential information or limited Dataset(s) with other entities.

CONTACT INFORMATION FOR ENTITIES RECEIVING AND PROVIDING INFORMATION

	INFORMATION RECIPIENT	INFORMATION PROVIDER
Organization Name	1/	Washington State Department of Health (DOH)
Business Contact Name	100	The state of the s
Title		Director, CHS
Address	-(1)	P.O. Box 47814 Olympia, WA 98504-7814
Telephone #	177	360-236-4307
Email Address		@doh.wa.gov



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- When sharing Category 3 and above data outside the agency, an agreement must be in place unless otherwise prescribed by law (OCIO policy #141.10)
 - Category 4: Confidential information requiring special handling
 - Category 3: Confidential Information
 - Category 2: Sensitive Information
 - Category 1: Public Information



- When sharing Category 3 and above data outside the agency, an agreement must be in place unless otherwise prescribed by law (OCIO policy #141.10)
 - Category 4: Confidential information requiring special handling
 - Data with strict handling requirements (HIPAA) and serious consequences for unauthorized disclosure (legal sanctions, threats to health and safety)
 - Category 3: Confidential Information
 - Category 2: Sensitive Information
 - Category 1: Public Information



- When sharing Category 3 and above data outside the agency, an agreement must be in place unless otherwise prescribed by law (OCIO policy #141.10)
 - Category 4: Confidential information requiring special handling
 - Category 3: Confidential Information
 - Data containing "Personal Information" (RCWs 42.56.590 & 19.255.10); personnel records, and infrastructure and security of computer / telecom networks
 - Category 2: Sensitive Information
 - Category 1: Public Information



- What should we be doing today?
 - Identify if you have any Category 3 or Category 4 data
 - WA Tech checklist
 - If yes, has or will that data be shared with contractors or other public agencies?
- What are the *next steps*?
 - Report from Office of Cybersecurity (OCS) on implementation due out this month
 - Clark County IT working to develop plan for implementation





• Resources:

- MRSC blog on data sharing agreements
- WA Tech checklist
- OCIO model agreement
- WA Dept. of Health Model Agreement



Thank you!

Comments and questions

Clark County Public Service Center

1300 Franklin Street • PO Box 5000

Vancouver, WA 98666-5000



Toner: One Library's Story of Loss

Technology, Toner and Tone

Arnold Pérez, Performance Auditor

December 9, 2021



What we will cover

- City of Austin Library Department Case Study
- Office Depot Controls
- Credit Card Controls
- Budget Monitoring
- Resources



City of Austin-Library











Audit: Ex-employee stole \$1.3 million from city

city by purchasing printer toner with a city credit card and reselling it online, according to ar investigation released by the Office of the City Auditor Monday

- City credit cards to buy at least \$18,000 worth of items that appeared to be for his personal use
 - \$15,000 worth of electronics, such as video games, virtual reality headsets, robotic vacuums, and a drone from a bigbox retailer
 - \$3,500 worth of items that were shipped directly to his home address or a nearby "pick-up locker" from an online retailer
- Whited used City credit cards to buy over \$140,000 worth of items from two retailers. Despite the suspicious nature of many of these purchases, the audit was not able to determine a precise total of how many were fraudulent. This was due to poor inventory practices at APL and inadequate purchasing records



Unusual activities

- Badge swipe records spanning roughly six months in 2019 show Whited arriving over thirty minutes before 8:00 a.m., his scheduled start time, on approximately half the days he worked, including many days when Whited arrived before 7:00 a.m. This was despite receiving instruction from his supervisor to arrive no more than thirty minutes early because there was insufficient supervision during those early hours.
- Security camera footage from multiple days in 2019 shows that Whited used this time to take what appears to be printer toner from his office to the parking garage, where his vehicle was parked.
- APL staff said Whited claimed he regularly <u>delivered items</u> to other APL branches. However, APL <u>has other staff</u> who are responsible for delivering items between library branches. Furthermore, APL branches, almost all confirmed that they had very little toner on-hand, and several had not received any deliveries in months.



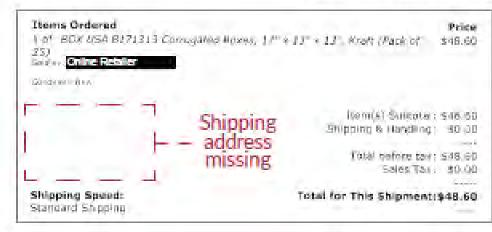
SOURCE: APL Security, July 2019



What is it? Where is it going?

Whited <u>altered several receipts</u> to hide that he shipped items to his home. Additionally, Whited submitted at least one receipt that appeared to have been made using a word processor. In other instances, receipts showed Whited's <u>home as the shipping</u> address and listed his personal email address. In every case, APL management approved these purchases.

Exhibit 2: Whited's altered receipt vs. retailer receipt





SOURCES: APL purchasing records and retailer data, April 2020

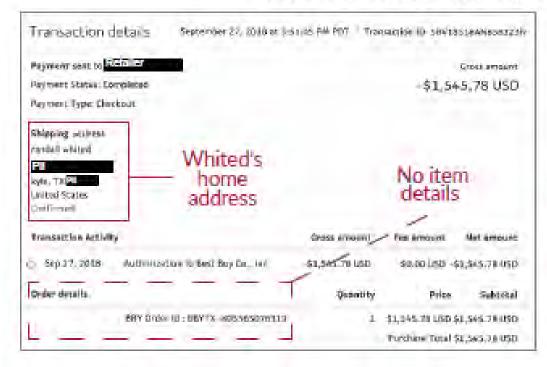


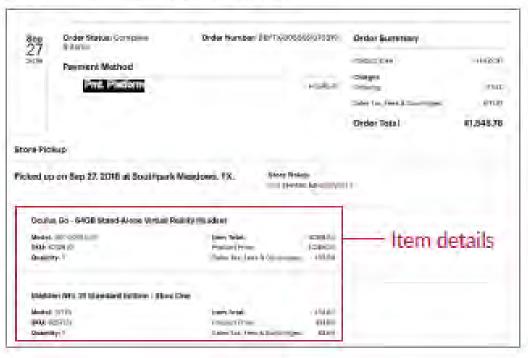
Credit Card Convenience

- Whited also paid for items by using a third-party payment platform connected to City <u>credit cards</u>, which likely helped <u>conceal</u> his purchases.
- By doing this, Whited was able to provide APL management with receipts from the <u>third-party platform</u> rather than from the actual vendor.
- These <u>receipts</u> were significantly <u>less detailed</u> than the original vendors' receipts and allowed Whited to submit receipts that did not show the specific items he bought. APL's current Financial Manager confirmed there was <u>no legitimate reason</u> to pay for items through a third-party platform.

Did you read the item details?

Exhibit 3: Whited's third-party receipt vs. itemized retailer receipt





SOURCES: APL purchasing records and data from third-party payment platform and retailer, April 2020



Management Oversight?

- When interviewed, both Whited's supervisor, and former Financial Manager said Whited told them itemized receipts—or receipts in general—were not available for some of his purchases, including toner purchased through the City's office supply vendor and electronics bought from a major retailer.
- Both said they <u>did not follow up to determine if this was true</u>, but former Financial Manager said that, in hindsight, she "should have" followed up.
- APL <u>management did not perform detailed reviews</u> of Whited's credit card purchases. They also did not review in detail the budget overages related to those purchases, which led to the waste of City resources.
- Audit found that both former APL managers <u>reviewed</u> and <u>approved</u> purchases <u>with missing or</u> <u>inappropriate shipping information</u>, as well as purchases that did not contain a list of what items were bought.
- APL's current Financial Manager, who started in late 2018, described this process as having several issues, including poor documentation of supplies and insufficient purchase reviews by financial managers.



Segregation of Duties?

- This lack of oversight allowed Whited to use Library credit cards without having to explain why he was making purchases. This also allowed Whited to charge purchases to any sub-category of the APL budget regardless of its purpose, making it harder to track his spending.
- Also, Whited was the only APL employee with "accountant reviewer" status in the City's credit card tracking system. This meant that, in addition to performing the second level review of purchases made by other APL employees, Whited had a role in reviewing his own purchases.
- Whited was the only point of contact between APL and the City's Purchasing Office.
 During the review, it found evidence that Whited <u>received recommendations from the City's Purchasing Office</u> on APL's credit card usage in June 2018. The recommendations noted that in order to "minimize unnecessary credit risk exposure," certain accounts should be closed.



Segregation of Duties?

- This included the credit card account that Whited used for the majority of his fraudulent toner purchases. Email evidence indicates Whited ignored several <u>attempts by the Purchasing Office to resolve the issues</u>. It is unclear if anyone in APL management was aware of the recommendations <u>aside from Assistant Director</u>, who was notified at least as early as January 2019.
- However, she <u>failed to fully address the recommendations</u>. Assistant Director said she did not know of anyone aside from Whited and herself who would have been aware of the recommendations. She also did not initially discuss the recommendations with APL's new Financial Manager, who was working at the Library when she learned about the recommendations.
- The Financial Manager said she <u>was not made aware of the recommendations</u> until she received them from the City's Purchasing Office by email. The Financial Manager ultimately addressed these recommendations in October 2019, <u>fifteen months</u> after they were initially sent and nine months after Assistant Director became aware of them.



How is your supplies budget doing?

Exhibit 4: APL budget table showing excess spending on office supplies

Unit Name	Fiscal Year	Budgeted	YTE	Spending	Amo	unt Overspent	Percent Overspent
Branch Services	2015	\$ 49,718.00	\$-	242,526.52	\$	192,808.52	388%
Branch Services	2016	\$ 51,318.00	\$	207,202.32	\$	155,884.32	304%
Branch Services	2017	\$ 51,318.00	\$	263,977.21	\$	212,659.21	414%

SOURCE: OCA analysis of Controller's Office data, May 2020



Budget Monitoring at what level?

- These expenditures were four times larger than the budgeted amount for this unit in these years, which was roughly \$50,000.
- When asked whether this four-fold spending raised any concerns, former Financial Manager said she was not concerned if individual categories were overspent, as long as APL's overall budget was not overspent.
- Also, former Financial Manager stated that she would not look for overages unless something was "out of whack."
- Assistant Director, who oversees the Library's financial services division, said that she does not conduct budget monitoring and noted that is the job of her finance staff.
- She said that if there were significant budget issues, she "assumed [former Financial Manager] would tell me."
- Had APL's finance staff looked into this annual overspending, they may have uncovered Whited's fraudulent purchases.



So much of one thing, how about the rest of the supplies?

- Printer memory analysis
- Pattern in toner purchases
 - Amounts of toner purchased
 - Amounts of paper purchased
 - Comparisons to other purchasers
- Browser histories
- Outlier behaviors/responsibilities: holding multiple roles, assigned multiple procards, unusual requests



Video

- Audit
- https://www.youtube.com/watch?v=Oy7soqqWb88
- Public Reaction
- https://www.youtube.com/watch?v=iS6y4evNth0

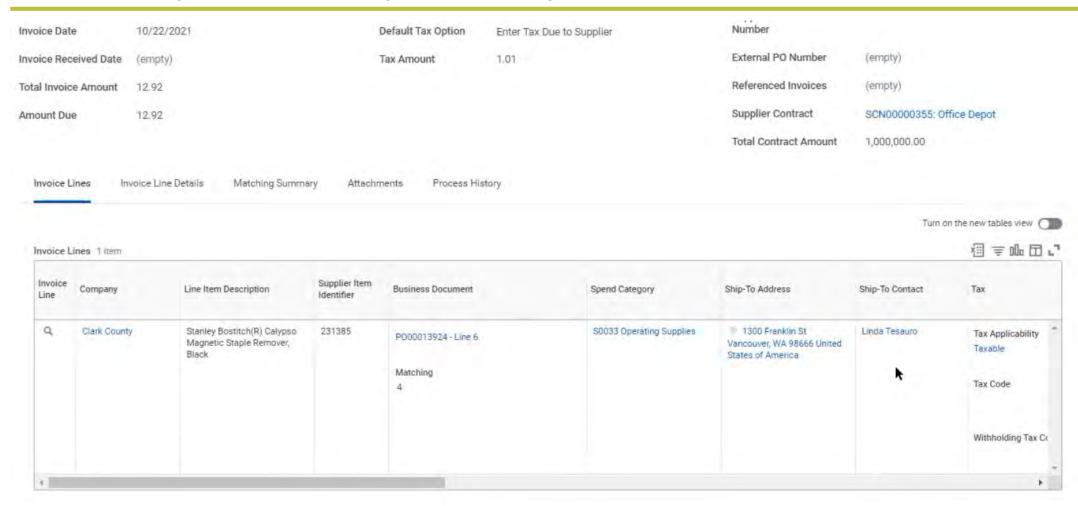


So how do some of these controls look like for us?

- Sample Office Depot purchase
- Sample Credit Card purchase
- Sample Invoice Detail



Workday Office Depot Sample Purchase





Sample Invoice:

12,92

Total Invoice Amount 12.92

Amount Due

Invoice Lines Invoice Line Details Matching Summary Attachme

Invoice Lines 1 item

Invoice Line	Company	Line Item Description	Supplier Item Identifier
q	Clark County	Stanley Bostitch(R) Calypso Magnetic Staple Remover, Black	231385

Office DEPOT, Inc.

Federal ID # 59-2663954

BIII TO: ATTN: ACCTS PAYABLE CLARK COUNTY ACCOUNTING EDI 1200 FRANKLIN ST CENTRAL STORE SIGROUND FL VANCOUVER WA 98680:2812

Gold diddollar dallabadald

Office Depot, Inc PO BOX 630813 CINCINNATI OH 45263-0813

INFORMATIONAL COPY OF INVOICE

10000

THANKS FOR YOUR ORDER

Contact Number For: Account Inquiries: (888) 263-3423 Order Inquiries: (800) 721-6592

INVOICE NUMBER	AMOUNT DUE	PAGE NUMBER
204403318001	\$12.92	1. of 1
INVOICE DATE	TERMS	PAYMENT DUE
10/22/2021		

Str. T. CLARK

Ship To: CLARK COUNTY 1300 FRANKLIN ST VANCOUVER WA 98660-2865

ACCOUNT NUM	BER	ACCOUNT MA	NAGER	SHIP TO ID		ORDE	R NUMBE	R	ORDER DATE	SH	IPPED DATE
03521120		3000000	DOR	ESS_REFER 6-1	ENCE-	204	403318001		10/20/2021		0/22/2021
BILLING ID	PURCI	ASE ORDER	RELEA	SE	ORDE	RED BY	DE	SKTOP	CO	OST CI	NTER
45426214	PC	000013924			Linda	Tesauro		.00143			-0.00
CATALOG ITEM # MANUF CODE	DE	SCRIPTION / CUSTOMER ITE	M#	TAX		QTY ORD	QTY SHIP	QTY B/O			EXTENDED PRICE
Instructions 231385 BOS40000MBL	S	se deliver to the 1 FAPLE REMOVE 11385				3	3	0	3.9	70	11.91

SUB-TOTAL
DISCOUNT
0.00
DELIVERY
0.00
MISCELLANEOUS
0.00
MISCELLANEOUS
0.00
SALES TAX
1.01
TOTAL
512.82

TOTAL
TOT

 CUSTOMER NAME
 BILLING ID
 INVOICE NUMBER
 INVOICE DATE
 INVOICE AMOUNT
 AMOUNT ENCLOSED

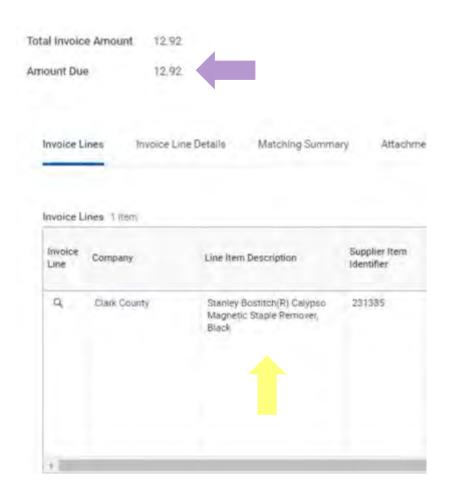
 CLARK COUNTY ACC
 CUNTING EDI
 45428214
 204403318001
 10/22/2021
 \$12.92
 DO NOT PAY



17

12/9/21

Sample Invoice:





Office DEPOT, Inc.

Office Depot, Inc PO BOX 630813 CINCINNATI OH 45263-0813

INFORMATIONAL COPY OF INVOICE

THANKS FOR YOUR ORDER

Contact Number For: Account Inquiries: (888) 263-3423 Order Inquiries: (800) 721-6592

- [INVOICE NUMBER	AMOUNT DUE	PAGE NUMBER
1	204403318001	\$12.92	1, of 1
- 1	INVOICE DATE	TERMS	PAYMENT DUE
. 1	10/22/2021		

Federal ID # 59-2663954

BIII To: ATTN: ACCTS PAYABLE CLARK COUNTY ACCOUNTING EDI 1200 FRANKLIN ST

CENTRAL STORES/GROUND FL VANCOUVER WA 98660-2812 Idolalullodollomoldlabadhid Ship To: CLARK COUNTY 1300 FRANKLIN ST

VANCOUVER WA 98660-2865



10000

ACCOUNT NUM	ABER	ACCOUNT MAN	GER	SHIF	di OT		ORDE	R NUMBE	R	ORDER D	ATE S	HIPPED DATE
03521120				DDRESS_I	REFERE 6-1	NCE-	204	403318001		10/20/2	021	10/22/2021
BILLING ID	PURCI	ASE ORDER		RELEASE		ORDE	RED BY	DI	SKTO		COST	CENTER
45426214	PO	000013924			-01	Linda	Tesauro	I book	.00143			-0.30
CATALOG ITEM		SCRIPTION / CUSTOMER ITEM	#		TAX		QTY ORD	QTY SHIP	QT' B/C		PRICE	EXTENDED PRICE

Instructions:	Please deliver to the 1st Floor - Permit Center	r - Linda Tesa					
231385	STAPLE REMOVER, CALYPSO, ASTD	EA	3	3	0	3.970	11.91
BOCARROWNELK	201202						

	SUB-TOTAL	11 91
	DISCOUNT	0.00
	DELIVERY	0,00
	MISCELLANEOUS	0,00
	SALES TAX	1.01
ALL AMOUNTS ARE BASED ON USD CURRENCY	TOTAL	\$12,92

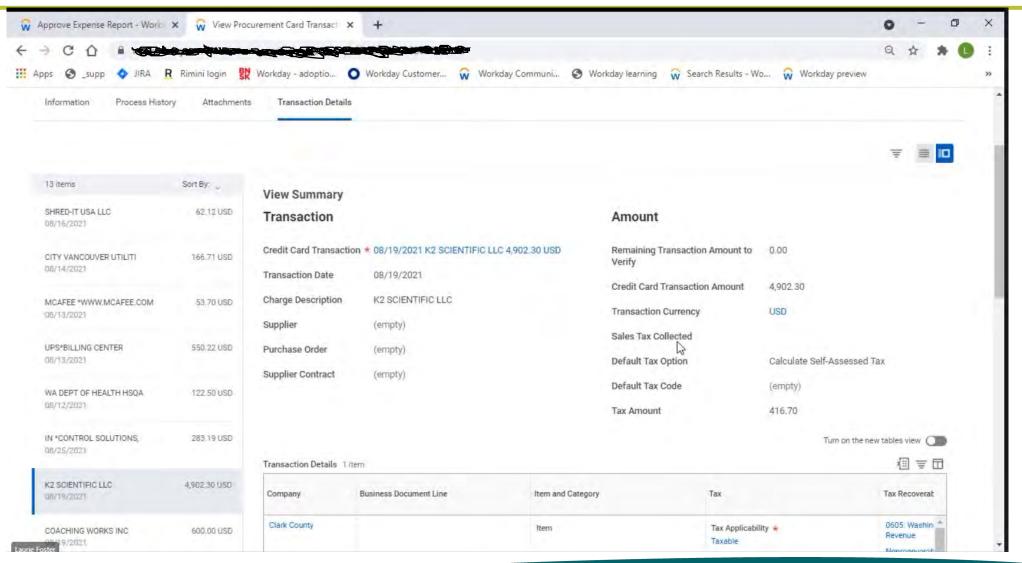
To return supplies, please repack in original box and insert our packing list, or copy of this invoice. Please note problem so we may issue credit or replacement, whichever you prefer. Please do not ship collect. Please do not return furniture or machines until you call us first for instructions. Shortage or damage must be reported within 5 days after delivery.

CUSTOMER NAME	BILLING ID	INVOICE NUMBER	INVOICE DATE	INVOICE AMOUNT	AMOUNT ENCLOSED
CLARK COUNTY ACC OUNTING EDI	45426214	204403318001	10/22/2021	\$12.92	**DO NOT PAY**

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Workday Credit Card Sample Purchase





Credit Card Sample Purchase

Credit Card Transaction # 08/19/2021 K2 SCIENTIFIC LLC 4,902.30 USD

Transaction Date 08/19/2021

Charge Description K2 SCIENTIFIC LLC

Supplier

(empty)

Purchase Order (empty)

Supplier Contract (empty). Remaining Transaction Amount to

Credit Card Transaction Amount 4,902.30

Transaction Currency USD

Sales Tax Collected

Default Tax Option

Calculate Self-Assessed Tax

(empty)

Default Tax Code

Tax Amount 416.70



K2 Scientific 3029 Horseshoe Lane Suite D Charlotte, NC 28208 (800) 218-7513

Clark County Public Health PO Box 9825 VANCOUVER, WA 98566

Invoice

Order Date: 8/19/2021

Clark County Public Health 1601 E 4th Plane Blvd Bldg 17, Room A128 VANCOUVER, WA 98661

Customer P.O.			Payment Terms: NET 30		
Item Code	Ordered	Shipped	Back Ordered	Price	Amount
K205ULT	50	J. Ft. Chest style, Life	Sc		
				4.507.30	4,507.30



Warranty and return information can be found at www.K2Scl.com

4,507.30 395.00 0.00 invoice Total: 4,902.30 Less Deposit: 4,902.30 Invoice Balance:



Credit Card Sample Purchase

Credit Card Transaction # 08/19/2021 K2 SCIENTIFIC LLC 4,902.30 USD Remaining Transaction Amount to Transaction Date 08/19/2021 Credit Card Transaction Amount Charge Description K2 SCIENTIFIC LLC Transaction Currency USD Supplier (empty) Sales Tax Collected Purchase Order (empty) Default Tax Option Calculate Self-Assessed Tax Supplier Contract (empty). Default Tax Code (empty) Tax Amount 416.70





Clark County Public Health

2021 Item Request Form

		For purchas	es over \$10,000; firs	st contact: Cntyl lealthGr	antContruct@clark.wa.go	V.
		5	send completed form	n to CHAP@clark.wa.gov	for processing	
Requ	ested By	Monica	Czapla/Brianna Dar	nnen/Carole Head	Date of Request	8/18/2021
Supplier Name			K2 Scientifi	c	Contact	
Address			V	City, ST, Zip	Charlotte, nc	
Phone	800.218	8.7613	Fax	E-Mail		

	Item Description: Include the title and date for items related to a meeting/event. Use a separate document if this space is not sufficient.	Unit of Measure	Quantity	Unit Price	Total	
	K205ULT 5 CU. FT. (-25°C to -86°C) Laboratory Ultra Low Freezer	Each	1	\$4,507.30	\$4507.30	
2	shipping	Each	1	\$ 395.00	\$395.00	





K2 Scientific

3029 Horseshoe Lane Suite D

Clark County Public Health

VANCOUVER, WA 98666

Charlotte, NC 28208

(800) 218-7613

Sold To:

PO Box 9825

Invoice



Page: 1

\$4,90

Invoice Number: 0007889-IN Invoice Date: 8/24/2021

Order Number: 0007889

Order Date: 8/19/2021

Customer Number: 00-BC02549

Shin To:

Clark County Public Health 1601 E 4th Plane Blvd Bldg 17, Room A128 VANCOUVER, WA 98661

Customer P.O.			Payment Terms: NET 30		
tem Code	Ordered	Shipped	Back Ordered	Price	Amount
K205ULT	5 C	J. Ft. Chest style, Life	Sc		
	1		n	4 507 30	4 507 30

00.*

Untille ,902.30×
8.5%
8.5%
416.70*
5,319.00*

Warranty and return information can be found at www.K2Sci.com



Credit Card Sample Receipt

Merchant: IBS, Inc. 740 Clay St NW 740 Clay St NW, WA 98001 8006781906 Description: Order Number: P.O. Number: Customer ID: Invoice Number: 1008178 0 Billing Information Shipping Information Shipping: 0.00 Tax: 0.00 Total: USD 761.68 Date/Time: 07-Oct-2021 16:06:44 PDT Transaction ID: 42979206374 Transaction Type: Authorization w/ Auto Capture Transaction Status: Captured/Pending Settlement Authorization Code: 056871 Payment Method:



Credit Card Sample Receipt





0001	100	100	0	4002	5/B-11 FLANGE LOCK NUT GR.G PLN	0.7701	77.01
0002	50	50	0	4030	1/2-13 GR.C LOCKNUT ZP	0,2296	11.48
0003	100	0	0	7065	3/8 USS FLAT WASHER ZP	0.0598	0,00
0004	50	50	0	11342	1/4-20 X 3/4 HEX HD C/5 SS	0.1580	7.90
0005	50	50	0	11346	1/4-20 X 1-1/2 HEX HD C/S SS	0.2897	14.49
0006	25	25	0	11371	5/16-18 X 2-1/2 HEX HD C/S SS	0.8265	20.66
0007	50	50	0	11389	3/8-16 X 2 HEX HD C/S SS	0.8350	41.80
8000	5	0	0	28-07	1/4 X 2-1/2 SNAPPER PIN	2.0879	0.00
0009	10	1	0	3400X2	1/8 X 1/8 BRASS ST. ELBOW	2.7060	2.71
0010	6	6	0	17405	9/64 MECH LGTH NITRO CARB PLATINUM DRILL	3.3792	20.28
0011	3	3	0	17417	21/64 MECH LGTH NITRO CARB PLATINUM DRILL	9.7196	29.16
0012	1	1	0	17656	6-32 BOTTOM TAP NITRO CARB	12.7930	12.79
0013	5	5	0	44818	8 X 3/4 18TPI BIMETAL RECIP BLADE	7.7664	38.83
0014	10	10	0	50444	FLEX CUT G P HAND PAD MAROON	1.7497	17.50
015	2	2	0	31071	11/15X1-1/4 MTD POINT A12-030 VITRIFIED BOND GRADE O SHAPE A	7.4215	14.84
ont	inued	on ne	ext p	page			
LAIMS	FOR	AMAGE,	SHO	RTAGES OR ERRORS MI	UST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.		
LEASE	CALL	BS AT 1-	300-6	78-1906 TO REQUEST A	UTHORIZATION FOR RETURNS.		
UTHO	RIZED	RETURNS	MAY	BE SUBJECT TO A 20%	RESTOCKING CHARGE.		
age:	1				Thank you for your business!	-	





Auburn, WA 98001

Tollfree: (800) 678-1906

www.industrialbolt.com

Local: (253) 804-8666

Remit To: P.O. Box 1717 Auburn, WA 98071-1717 Invoice

Invoice Number : 767855-1 Customer# : 1008178 Ordered Date : 10/05/2021

Ship Date: 10/06/2021 Invoice Date: 10/07/2021

Line	Order	Ship	B/0	ltem #	Description	Price	Extension
					30 GRAIN 31081 RPM		
0016	2	2	0	33968	3/4 X 1 MTD POINT W205 VITRIFIED BOND GRADE 60 GRAIN 34500 RPM	4.6292	9.26
0017	2	2	0	50070	3IN ,012 SS CONFLEX WIRE WHEEL 1/4 SHANK 5/8 FACE	38.4040	76.81
0018	5	5	0	133335	MARINE WING NUT BATTERY END POSITIVE	5.7682	28.84
019	5	5	a	133336	MARINE WING NUT BATTERY END NEGATIVE	5.7682	28.84
1020	2	2	0	47040	7/16 OD X 4-1/2 EXTENSION SPRING	7.0242	14.05
021	2	2	0	47043	7/16 OD X 7 EXTENSION SPRING	12.6546	25.31
0022	10	0	ō	A-9680	5/16-18X1 X 5/16-18X7/16 OL 2" STUD	1.8187	0.00
0023	10	10	0	A-9715	7/16-20X1-13/16 X 7/16-14X3/4 OL 3	2.9944	29,94
0024	25	25	0	20303	3/40Z P PASS WEIGHT ZINC UNCOATED	0.8494	21.24
025	25	25	0	20304	10Z P PASS WEIGHT ZINC UNCOATED	0.9744	24.36
026	25	25	0	20305	1-1/40Z P PASS WEIGHT ZINC UNCOATED	1.1418	28.55
0027	25	25	0	20306	1-1/20Z P PASS WEIGHT ZINC UNCOATED	1.3079	32.70
0028	25	25	0	20309	2-1/40Z P PASS WEIGHT ZINC UNCOATED	1.8106	45.27
				Package Information:	Tracking # Weight 179030050378935358 0.00		
					SubTotal		674.62
LAIM	S FOR D	AMAGE	, SHOR	TAGES OR ERRORS MUST BE MA	Freight DE WITHIN 5 DAYS OF RECEIPT OF GOODS.		28.04
LEASE	E CALL II	S AT 1-	800-67	8-1906 TO REQUEST AUTHORIZA			
UTHO	ORIZED I	RETURN	S MAY	BE SUBJECT TO A 20% RESTOCK	NG CHARGE. Tax	8.49	59,02
	2			Thanky	ou for your business! Total USD		761.68



740 Clay Street N.W. Auburn, WA 98001 Tollfree: (800) 678-1906 Local: (253) 804-8666 www.industrialbolt.com Remit Ta: P.O. Box 1717 Auburn, WA 98071-1717

Bill to: CLARK COUNTY PUBLIC WORKS P O BOX 9810 ATTN: SUSAN DONALD VANCOUVER, WA 98665

Ship to: CLARK COUNTY PUBLIC WORKS 4700 NE 78TH ST BLDG C PARTS ROOM - PHIL VANCOUVER, WA 98665

Invoice

Invoice Number : 767855-1

Customer#: 1008178 Ordered Date: 10/05/2021 Ship Date: 10/06/2021 Invoice Date: 10/07/2021

Terms: VISA OR MASTER CARD

Due Date: 10/07/2021 Salesperson: JOHN BLAKE Ship Via: UPS (GROUND)

Ship Acct#: Customer Po:

Supplies.	D
7965	
not be to the	_

F-Cont / Charge for

10-8-21

Shop

Une	Order	Ship	B/O	Item#	Description	Price	Extension
0001	100	100	0	4002	5/B-11 FLANGE LOCK NUT GR.G PLN	0.7701	77.01
0002	50	50	0	4030	1/2-13 GR.C LOCKNUT ZP	0,2296	11.48
0003	100	0	0	7065	3/8 USS FLAT WASHER ZP	0.0598	0,00
0004	50	50	0	11342	1/4-20 X 3/4 HEX HD C/5 SS	0.1580	7.90
0005	50	50	0	11345	1/4-20 X 1-1/2 HEX HD C/S SS	0.2897	14.49
0006	25	25	0	11371	5/16-18 X 2-1/2 HEX HD C/S 55	0.8265	20,66
0007	50	50	0	11389	3/8-16 X 2 HEX HD C/S SS	0.8350	41.80
8000	5	0	0	28-07	1/4 X 2-1/2 SNAPPER PIN	2.0879	0.00
0009	10	1	0	3400X2	1/8 X 1/8 BRASS ST. ELBOW	2.7060	2,71
0010	6	6	0	17405	9/64 MECH LGTH NITRO CARB PLATINUM DRILL	3.3792	20.28
0011	3	3	0	17417	21/64 MECH LGTH NITRO CARB PLATINUM DRILL	9.7196	29.16
0012	1	1	0	17656	6-32 BOTTOM TAP NITRO CARB	12.7930	12.79
0013	5	5	0	44818	8 X 3/4 18TPI BIMETAL RECIP BLADE	7.7664	38.83
0014	10	10	0	50444	FLEX CUT G P HAND PAD MAROON	1.7497	17.50
0015	2	2	0	31071	11/16X1-1/4 MTD POINT A12-030 VITRIFIED BOND GRADE O SHAPE A	7.4215	14.84
						1	

Continued on next page....

CLAIMS FOR DAMAGE, SHORTAGES OR ERRORS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

PLEASE CALL IBS AT 1-800-678-1906 TO REQUEST AUTHORIZATION FOR RETURNS.

AUTHORIZED RETURNS MAY BE SUBJECT TO A 20% RESTOCKING CHARGE.

Page: 1

Thank you for your business!

eipt

SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR

740 Clay Street N.W. Auburn, WA 98001 Tollfree: (800) 678-1906 Local: (253) 804-8666 www.industrialbolt.com

Line Order Ship B/O

Remit To: P.O. Box 1717 Auburn, WA 98071-1717

Item#

Invoice

Price

Extension

Invoice Number: 767855-1

Customer#: 1008178 Ordered Date: 10/05/2021 Ship Date: 10/06/2021 Invoice Date: 10/07/2021

Description

	O.u.c.	oinp	5/0	The state of the s	30 GRAIN 31081 RPM	FIICE	cxtension
0016	2	2	0	33968	3/4 X 1 MTD POINT W205 VITRIFIED BOND GRADE 60 GRAIN 34500 RPM	4.6292	9.26
0017	2	2	0	50070	3IN ,012 SS CONFLEX WIRE WHEEL 1/4 SHANK 5/8 FACE	38.4040	76.81
0018	5	5	0	133335	MARINE WING NUT BATTERY END POSITIVE	5.7682	28.84
0019	5	5	0	133336	MARINE WING NUT BATTERY END NEGATIVE	5.7682	28.84
0020	2	2	0	47040	7/16 OD X 4-1/2 EXTENSION SPRING	7.0242	14.05
0021	2	2	0	47043	7/16 OD X 7 EXTENSION SPRING	12.6546	25.31
0022	10	0	ō	A-9680	5/16-18X1 X 5/16-18X7/16 OL 2" STUD	1.8187	0.00
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0024	25	25	0	20303	3/40Z P PASS WEIGHT ZINC UNCOATED	0.8494	21.24
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0026	25	25	0	20305	1-1/40Z P PASS WEIGHT ZINC UNCOATED	1.1418	28.55
0027	25	25	0	20306	1-1/20Z P PASS WEIGHT ZINC UNCOATED	1.3079	32.70
0028	25	25	0	20309	2-1/40Z P PASS WEIGHT ZINC UNCOATED	1.8106	45.27
				Package Information:	Tracking # Weight	- 1	
					129030050378935358 0.00		
					SubTotal		674.62

	SubTotal		674.62
	Freight		28.04
RS MUST BE MADE WITHIN 5 DAYS OF RECEIP	T OF GOODS.		
JEST AUTHORIZATION FOR RETURNS.			
A 20% RESTOCKING CHARGE.	Tax	8.49	59.02
Thank you for your business!	Total USD		751.68
	JEST AUTHORIZATION FOR RETURNS, A 20% RESTOCKING CHARGE.	Freight PRS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS. JEST AUTHORIZATION FOR RETURNS. A 20% RESTOCKING CHARGE. Tax	Freight ORS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS. JEST AUTHORIZATION FOR RETURNS. A 20% RESTOCKING CHARGE. Tax

SAO: Protect Your Government from Credit Card Fraud

- Review your statements regularly
- Limit access to shared credit cards
- Avoid debit cards
 - If your bank account is compromised through a debit card, a fraudster can quickly deplete your government's assets
- Sign up for automatic alerts
- What to do if you're a victim of fraud
 - State law requires local and state governments to report all known or suspected losses of public funds to the State Auditor's Office



Workday Sample Budget Monitoring

CCWA RPT Expenditures B&A for 0001&1033 funds Composite 🚥 👭





21 items							□ = □
Ledger Account	Actual per Month	Actual YTD	Budget w/o position-Controllable	Budget Position - Uncontrollable	Total Budget	Over/Under Spent	% Remaining
5200000:Benefits - Payroll Taxes	8,325.79	165,868.54	207,834.00	Ö.	207,834	41,965	20.19%
5220000:EAP Premium	94.57	972.75	1,333.00	0	1,333	360	27.03%
5221000:Medical Insurance	29,237.25	558,447 19	600,249.00	0	600,249	41,802	6.96%
5222000:Industrial Insurance	1,124.57	25,060.99	32,525.00	0	32,525	7,464	22.95%
5223000:Dental Insurance	1,624.31	30,835.04	35,478.00	0	35,478	4,643	13.09%
5230000:Life Insurance	192.04	3,886.60	4,623.00	0	4,623	736	15.93%
5232000:General Liability Insuance	17,011.00	57,613.01	57,613.00	0	57,613	-0	0.00%
5236000:Disability Insurance	769.41	15,550.66	19,085.00	0	19,085	3,534	18.52%
5310000:Supplies	3,473.15	27,907.11	37,413.00	0	37,413	9,506	25.41%
5400000 Services	561,19	66,886.09	117,643.00	ō	117,643	50,757	43.14%
5402000-Server Repair Replacement	3,209.75	12,839.00	12,839.00	0.	12,839	0	0.00%
5402100:Technology Equipment Repair and Replacement	25,942.00	103,768.00	103,768.00	O.	103,768	0	0.00%
5430000:Travel	88.39	199.27	18,494.00	0	18,494	18,295	98.92%
5450000:Training Expense	758,20	7,518.70	0	0.	0	-7,519	0.00%
Total Expenditures	212,926.17	3,543,058.98	4,241,412.00	0	4,241,412	698,353	16.47%



Toner Takeaways To Think & contemplate

- Existing Management Controls bypassed
 - Lack of review of purchases detail
 - Accepting missing supporting documentation
 - Accepting unverified reasons for missing supporting documentations
 - Allowing unassigned delivery duties
 - Incompatible purchasing duties concentrated
- Managers Missed Opportunities
 - Received notice of concern from outside department but no follow up
 - Budget monitoring was conducted but at too high a level
 - Trend analysis of complimentary supplies would have shown disconnect
- Importance of professional skepticism



Helpful Resources

- Clark County Auditor's Office
 - (564) 397-4795 or <u>AuditServices@clark.wa.gov</u>
 - www.clark.wa.gov/auditor
- Information Sources
 - City of Austin Office of the City Auditor
 - Investigative Report Austin Public Library: Fraud and Waste (October 2020)
 - http://www.austintexas.gov/auditor
 - Office of the Washington State Auditor
 - Protect Your Government from Credit Card Fraud
 - https://sao.wa.gov/protect-your-government-from-credit-card-fraud/



Thank you!

Comments and questions

GREG KIMSEY, CLARK COUNTY AUDITOR

AUDIT SERVICES

Larry Stafford, Audit Services Manager

Arnold Pérez

Michael Nash

1300 Franklin Street Suite 575, P.O. Box 5000, Vancouver, WA 98666-5000

For further information about this contact: Clark County <u>Audit Services</u>
Via email <u>AuditServices</u> @clark.wa.gov or phone (564) 397-2310 ext.4795

###

For other formats, contact the <u>Clark County ADA Office</u>: **Voice** (564) 397-2322 **Relay** 711 or (800) 833-6388; **Fax** (360) 397-6165; **E-mail** ad@clark.wa.gov



Tone: The Missing Link

December 9, 2021

Larry Stafford, Audit Services Manager

Audit Services



Today

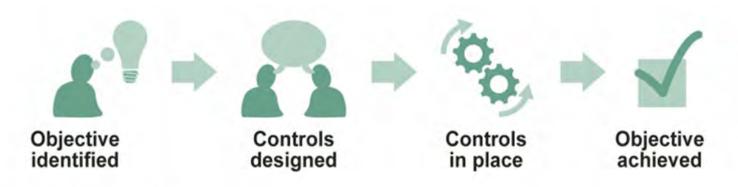
- Why internal controls matter
- Case Study
- Building a foundation with tone
- In case of fraud
- Audit Services



Why do internal controls matter?

Required to have internal controls by US federal government, Washington State Law, Washington State Auditor's Office, county contracts, and best practices.

Provide reasonable assurance you will achieve your objectives!



Source: GAO. | GAO-14-704G



Three types of objectives

1. Operations: efficient and effective



2. Reporting: reliable information









3. Compliance









Building a system of internal controls

Control Environment

Tone at the Top
Ethics and Values
Organizational
Structure
Commitment to
recruit, develop,
retain staff

Accountability

Risk Assessment

Clearly define objectives

Identify, analyze, respond to risks

Consider potential for fraud

Identify, analyze, respond to significant changes

Control Activities

Design activities to achieve objectives and respond to risks Design activities

for information systems

Implement by policies

Information and Communication

Use quality information

Communicate quality information

Internally and externally

Monitoring

Establish and operate activities to evaluate results Remediate

Remediate deficiencies on a timely basis



12/9/21

California Employment Development Department (EDD): 2020

1.6 million Californians could start seeing delayed unemployment pay soon—will other states follow?

Outdated Tech Contributes to California Processing Problems

Nonstop calls and no answers: Why California wasn't prepared for surge in unemployment

California unemployment agency director to retire after months of delayed jobless benefits

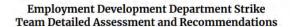


California Employment Development Department (EDD)





Review and Audits of EDD



Prepared by EDD Strike Team Co-Chairs
Secretary Yolanda Richardson, Government Operations Agency

Jennifer Pahlka, founder of Code for America and former US Deputy Chief Technology Officer

September 16, 2020

STRIKE TEAM FINAL DETAILED ASSESSMENT AND RECOMMENDATIONS - pt



Employment Development Department

Significant Weaknesses in EDD's Approach to Fraud Prevention Have Led to Billions of Dollars in Improper Benefit Payments

January 2021



Employment Development Department

EDD's Poor Planning and Ineffective Management Left it Unprepared to Assist Californians Unemployed by COVID-19 Shutdowns

January 2021









Review and Audits of EDD

Strike Team Report Issues:

- Current ID verification process slowed services without catching fraud
- Routing more claims for manual processing than capacity
- Culture must shift from reactivity to rationality as it relates to fraud
- Organized fraud represents serious risk
- Old technology
- Inefficient deployment of staffing

California State Auditor's Office Audit Report Findings:

- EDD stopped enforcing some eligibility rules to process claims faster
 - 2.7 million claimants may have been ineligible (12 million issues)
 - 1.7 million claimants may have been overpaid (\$5.5B)
- More than \$10B in potentially fraudulent claims paid
 - \$810M to 45,000 incarcerated claimants
 - Bank of America froze 344,000 accounts



Review of EDD: Recommendations

Strike Team:

- Measure every material step of claims process daily
- Procure and deploy ID verification solution to automate process
- Re-evaluate how they identify and manage risk of fraud under new system
- Move most experienced employees to claims processing
- Update document upload technology



10

Audits of EDD: Recommendations

California State Auditor's Office recommendations

Legislature

- Amend state law to require EDD to:
 - Cross match claims with data from correctional facilities
 - Assess effectiveness of fraud prevention and detection

EDD

- Immediately establish central unit responsible for fraud
- Develop plan to assess effectiveness of fraud efforts
- Develop recession plan to prepare for providing services during downturns
- Obtain and review listing of frozen benefit accounts



11

Review and Audits of EDD

"should not be possible for one part of EDD to believe it has a "minor performance issue" while another part of EDD believes "the mainframe and the call center are down."

"EDD leadership should set clear expectations with all staff at all levels that fraud prevention and detection practices must be supported by data and evidence and that justifications for new and existing anti-fraud practices include an analysis not only of their effectiveness, but also tradeoffs and unintended consequences of these practices"

"To ensure that it does not suspend critical safeguards, EDD should plan in advance which UI fraud prevention and detection mechanisms it can adjust during recessions to effectively balance timely payment with fraud prevention."



Building a foundation for EDD's controls

Control Environment

Tone at the Top

Set clear expectation fraud controls backed by data Ethics and Values

Plan for recessions to effectively balance timely payment with fraud prevention

Org Structure

Immediately establish central fraud unit

Move experienced employees to claims processing

Accountability

Measure material elements of claims process daily



12/9/21

In Case of Suspected or Known Fraud

DO NOT

- Accuse those you suspect are involved
- 2. Interview or interrogate employees
- 3. Gather evidence

<u>DO</u>

- 1. Preserve evidence you have
- Contact Audit Services immediately
- Assist in reporting to the Washington State Auditor's Office (required by RCW)



Key Takeaways

- 1. Consider all three types of objectives when discussing risks and controls.
- 2. Internal controls will not be effective without a system.
- 3. Your organization has a **tone**. Do you know what it is, and does it reflect what you want?



Audit Services

Performance Audits

Investigations / Referrals

Internal Control Reviews

Training and Education

Analytical Reviews

Liaison with Washington State Auditor's Office

Technical and Advisory

Services



16

Helpful Resources

Clark County Auditor's Office

(564) 397-4795 or AuditServices@clark.wa.gov

www.clark.wa.gov/auditor

Information Sources

Standards for Internal Control in the Federal Government

https://www.gao.gov/products/GAO-14-704G

EDD Strike Team Detailed Assessment and Recommendations

https://www.govops.ca.gov/wp-content/uploads/sites/11/2020/09/Assessment.pdf

California State Auditor's Office Audit Reports

https://www.auditor.ca.gov/reports/search_results



Thank you!

Comments and questions

GREG KIMSEY, CLARK COUNTY AUDITOR

AUDIT SERVICES
Larry Stafford, Audit Services Manager
Arnold Pérez
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1300 Franklin Street Suite 575, P.O. Box 5000, Vancouver, WA 98666-5000

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