

WINSHUTTLE USER GROUP Atlanta 2012

October 16-17

Achieving More with Less: How the City of Tacoma Gained Time by using Winshuttle
Travis de Grouchy



Agenda

- Meeting Objectives
- City of Tacoma Context
- WINSHUTTLE Opportunity
- City of Tacoma Transactions Utilized
- WINSHUTTLE Usage and Transaction Analysis
- Summary
- Q & A



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Meeting Objectives

- Fulfilled many of the best practices for mass data entry.
- Provide a demonstration of WINSHUTTLE execution.
- Demonstrate business user-friendly interface.
- Out of the box usage and analysis capabilities.
- Report City of Tacoma efficiencies using WINSHUTTLE



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WINSHUTTLE and City of Tacoma

City of Tacoma Context

- About the City
- SAP



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City of Tacoma Context: About the City

- Incorporated in 1884, Tacoma is Washington's 3rd largest city with approximately 200,000 citizens and 310,000 Utility rate payers.
- The City has approximately 4,100 employees (1,345 Utility employees and 2,800 General Government)



City of Tacoma Context: SAP

- Went Live on 4.71 in Fall of 2003
- Current SAP version: ERP 6.0.4
- Upgraded in February 2012
- SAP Customer Center of Expertise
- Modules – 24 active
- At one point, most active modules in any North American municipality.
- The City was the first place with both IS – Utilities and IS – Public Sector installed on the same instance.



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WINSHUTTLE and City of Tacoma

WINSHUTTLE Opportunity

- City of Tacoma Need
- Alternatives
- Best Practice Matrix



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WINSHUTTLE Opportunity: City of Tacoma Need

Large amounts of data...

Lack of personnel



Multiple Data Sources



WINSHUTTLE Opportunity: Alternatives

1

Manual Entry



2

Customization - Z
Transaction



3

3rd Party Tool

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WINSHUTTLE Opportunity: Best Practice Matrix

	Manual Entry	Customization Z Transaction	WINSHUTTLE
No Programming	X		X
No direct SAP table uploading	X		X
Record, Map, Test, Run strategy deployed			X
Maintain native Excel		X	X
Empower business users to upload without IT support	X		X

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Transactions Utilized

- Transactions
- MIGO review
- WinShuttle Demo



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TACOMA PUBLIC UTILITIES



Transactions Utilized

	MIGO	VA01	FV50	IW21	IL01
Customer	Public Works, Streets & Grounds	Public Works, Solid Waste	Finance	Public Works, Streets & Grounds	Economic Development/Building and Land Use
Data source	Paper/Excel	Access/Excel	Excel	Excel	Excel
Frequency	Year Round. Peak: Summer months	Monthly	Prior to month end	Annually	Monthly
Main use	Issues of stock	Solid Waste Billing Documents	Month-end journal entries	Streets and Grounds notifications	Permitting & GIS

Transactions Utilized: MIGO – Goods Movement


MIGO - Goods Issue Single Line.TxR - Winshuttle TRANSACTION

File Edit Tools Help

TRANSACTION script: **MIGO - Good Issue**




Change SAP Transaction Code: MIGO Mode: Batch File Name: MIGO - Goods Issue Single Line.TxR

Map

 TRANSACTION script has been mapped.

Update Mapping

Run

Select Data File:   

Start Row: Sheet name:

End Row: Number of Rows:

Validation Log Column: Log Column:

Run Reason:

Run Options: Launch GUI

MIGO – Goods Movement (cont.)

Sn	Field Description	Field Name	Mapping Type	Value	No
1	Log Column			V	
2		GODYNPRO-ACTION		A07	
3		GODYNPRO-REFDOC		R10	
4	Movement Type (Inventory Manag...	GODEFAULT_TV-BWART		B	
5	Document Date in Document	GOHEAD-BLDAT		D	
6	Number of External Material Slip	GOHEAD-MTSNR		E	
7	Posting Date in the Document	GOHEAD-BUDAT		C	
8	Document Header Text	GOHEAD-BKTX		F	
9	Material Short Text with Field Label ...	GOITEM-MAKTX		G	
10	Quantity in Unit of Entry	GOITEM-ERFMG		H	
11	Movement Type (Inventory Manag...	GOITEM-BWART		I	
12	Name	GOITEM-NAME1		J	
13	Description of Storage Location	GOITEM-LGOBE		K	
14	Goods Recipient/Ship-To Party	GOITEM-WEMPF		L	
15	Item Text	GOITEM-SGTXT		M	
16	Cost Center	COBL-KOSTL		O	
17	Order Number	COBL-AUFNR		P	
18	WBS Element	COBL-PS_POSID		Q	

Transactions Utilized : MIGO – Goods Movement (cont.)

C:\Documents and Settings\tdegrouc\Desktop\MIGOMIGO -...					
	A	B	C	D	E
1		Movement Type (Inventory Management) GODEFAULT_TV-BWART	Posting Date in the Document GOHEAD-BUDAT	Document Date in Document GOHEAD-BLDAT	Number of External Material Slip GOHEAD-MTSNR
2		B	C	D	E

	F	G	H	I
1	Document Header Text GOHEAD-BKTX	Material Short Text with Field Label 'Material' GOITEM-MAKTX	Quantity in Unit of Entry GOITEM-ERFMG	Movement Type (Inventory Management) GOITEM-BWART
2	F	G	H	I

	J	K	L	M
	Name GOITEM-NAME1	Description of Storage Location GOITEM-LGOBE	Goods Recipient/Ship-To Party GOITEM-WEMPF	Item Text GOITEM-SGTXT
	J	K	L	M

	O	P	Q
	Cost Center COBL-KOSTL	Order Number COBL-AUFNR	WBS Element COBL-PS_POSID
	O	P	Q

MIGO – Summary

Trans. Info:

- Customer: Public Works, Streets and Grounds
- Frequency: Year Round, Peak Summer months
- Main Use: Issues of Stock

Efficiencies:

- Time without WinShuttle: Up to 3 minutes to manually enter each issue
- Time with WinShuttle: 3 seconds per line using WinShuttle including data validation
- Time savings 19.5 hours twice a month – 60 X increase in productivity. Worker continues with other task while script is running

City Transaction – FV50 Create Parked Journal Entry

Journal Entry excel Document - Microsoft Excel

Home Insert Page Layout Formulas Data Review View Developer Add-Ins Winshuttle Universal Document Converter

Clipboard Font Alignment Number Styles Cells Editing

L18 fx 106500

	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD
	Cost Center ACGL_ITEM- KOSTL(02)	Order Number ACGL_ITEM- AUFNR(02)	Work Breakdown Structure Element (WBS Element) ACGL_ITEM- PROJK(02)		Fund ACGL_ITEM-GEBER(02)														
1																			
2																			
3																			
4	CC	Order	WBSE	Order ID	Fund														
5																			
6		10000		4934															
7		30000		COT1098															
8		30000		4564															
9		60200		COT1090															
10		61000		5000															
11		82100		COT1099															
12		82100		4935															
13		85300		COT1092															
14		91000		COT1071															
15		92300		COT1084															
16		92300		5004															
17		10650		4877															
18		106500		4926															
19		106500		4971															
20		165600		4465															
21		494300																	
22								5042											
23		(Credit 494300 - 4349230)----->																	
24																			
25																			
26																			
27																			

Internal Orders External Expenses Correct this Action

start Search Desktop 7: 2:45 PM



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Transactions Utilized: Efficiencies

	MIGO	VA01	FV50	IW21	IL01
Previous Time	3 minutes each line	6 minutes each Sales Doc	1 hour	6 minutes	6 minutes
Now with WinShuttle	3 seconds each line	6-10 seconds	1 minute	2 seconds	5 seconds
Time saved	39 hours a month	60 hours a month	3-6 hours a month	200 hours annually	135 hours a month

- Of these 5 transactions, we saved a total of over 3,000 hours a year

WINSHUTTLE and City of Tacoma

Usage and Transaction Analysis

- Number of WINSHUTTLE Transactions
- Time Savings



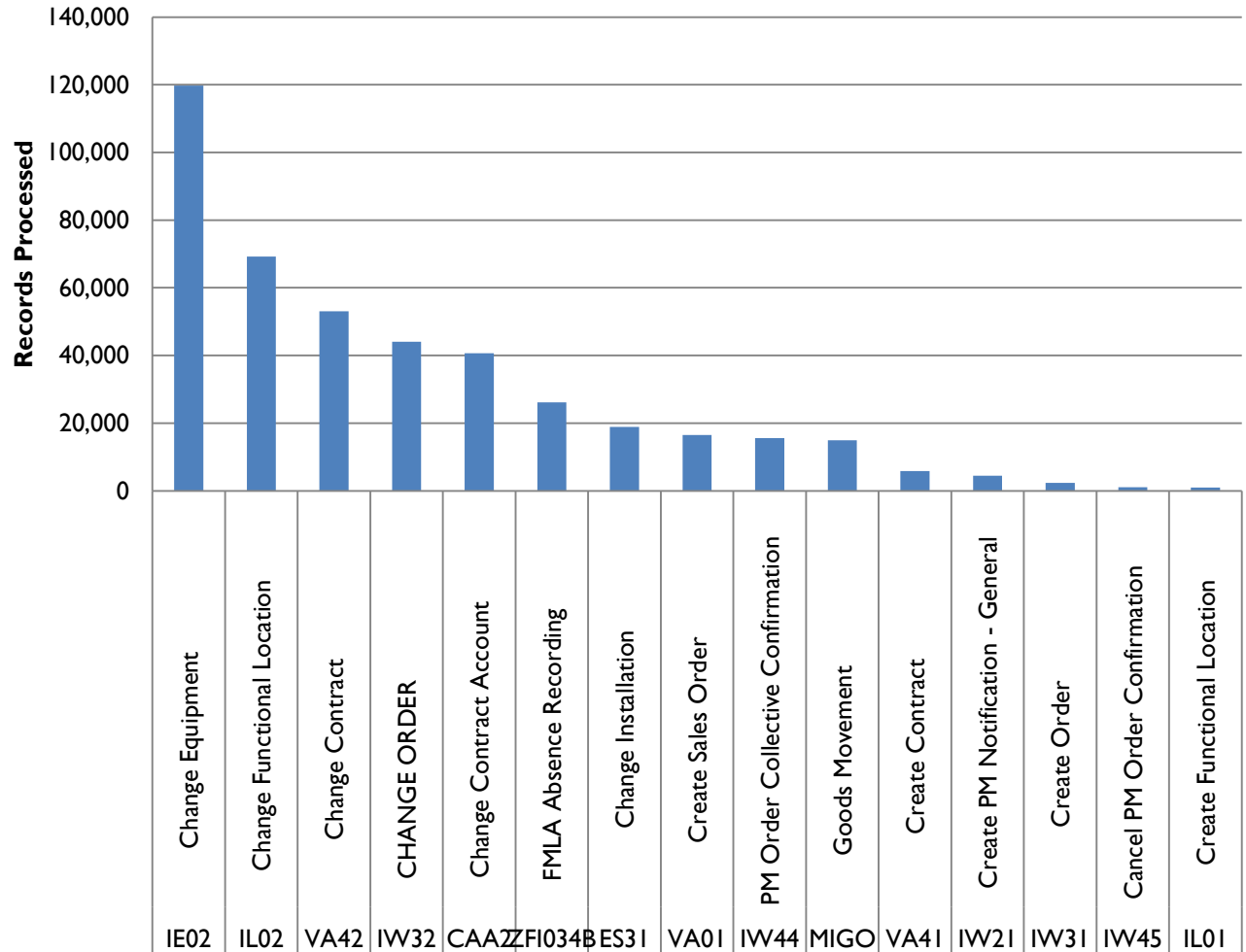
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Usage and Transaction Analysis: Log

City of Tacoma WINSHUTTLE Log Analysis Top 20

Tcode Description	Records Uploaded
Change Equipment	119,712
Change Functional Location	69,187
Change Contract	53,041
CHANGE ORDER	44,016
Change Contract Account	40,658
FMLA Absence Recording	26,134
Change Installation	18,866
Create Sales Order	16,451
PM Order Collective Confirmation	15,576
Goods Movement	14,906
Create Contract	5,858
Create PM Notification - General	4,469
Create Order	2,327
Cancel PM Order Confirmation	1,023
Create Functional Location	985



Summary and Q&A



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