WINSHUTTLE USER GROUP

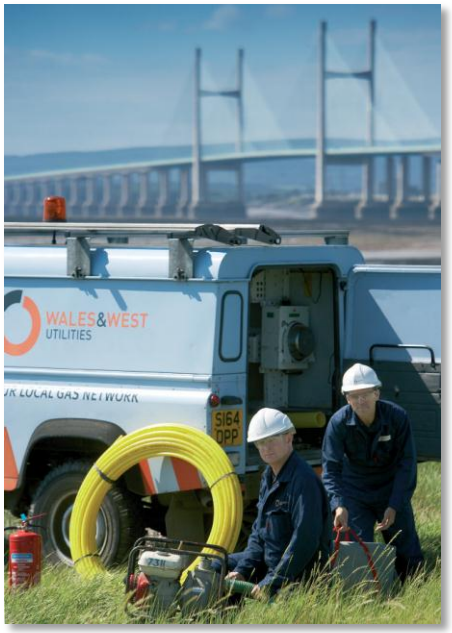
London 2011

WALES&WEST UTILITIES

Challenges with Asset Management and how Winshuttle Helps

In this session…

Learn how Wales & West Utilities uses Winshuttle's TransactionSHUTTLE software to streamline the SAP data loading and extraction process for all business data, including the benefits that we have received.



As this is intended to be an interactive session, questions will be taken throughout the session.

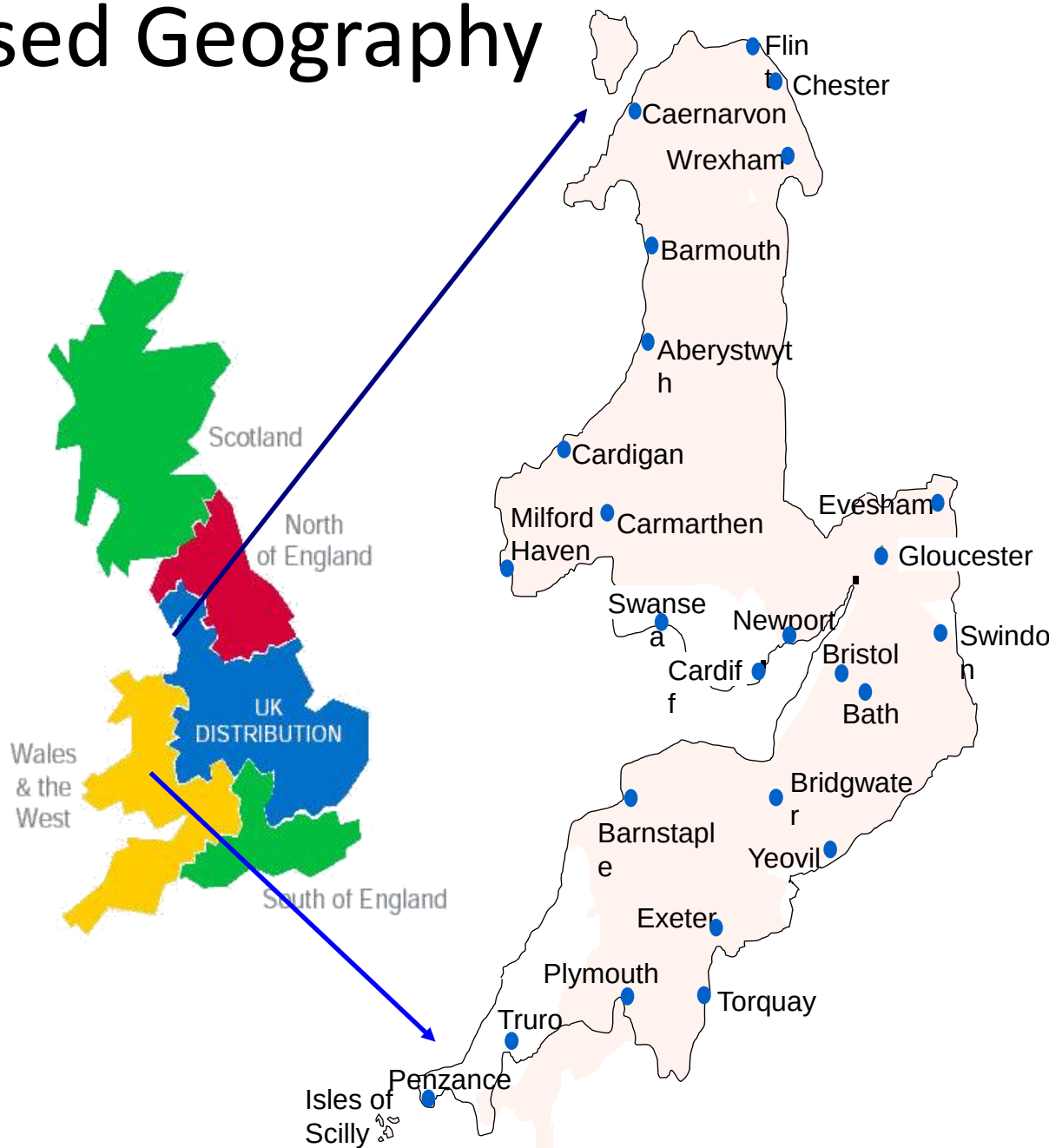
Wales & West Utilities
Brief Overview

Wales & West Utilities (WWU) is a regulated gas distribution business with around 35,000 km of gas distribution pipelines located in Wales and the South West of England. Geographically covering 1/6th of the UK serving an a population of 7.4 million. In existence since 2005.

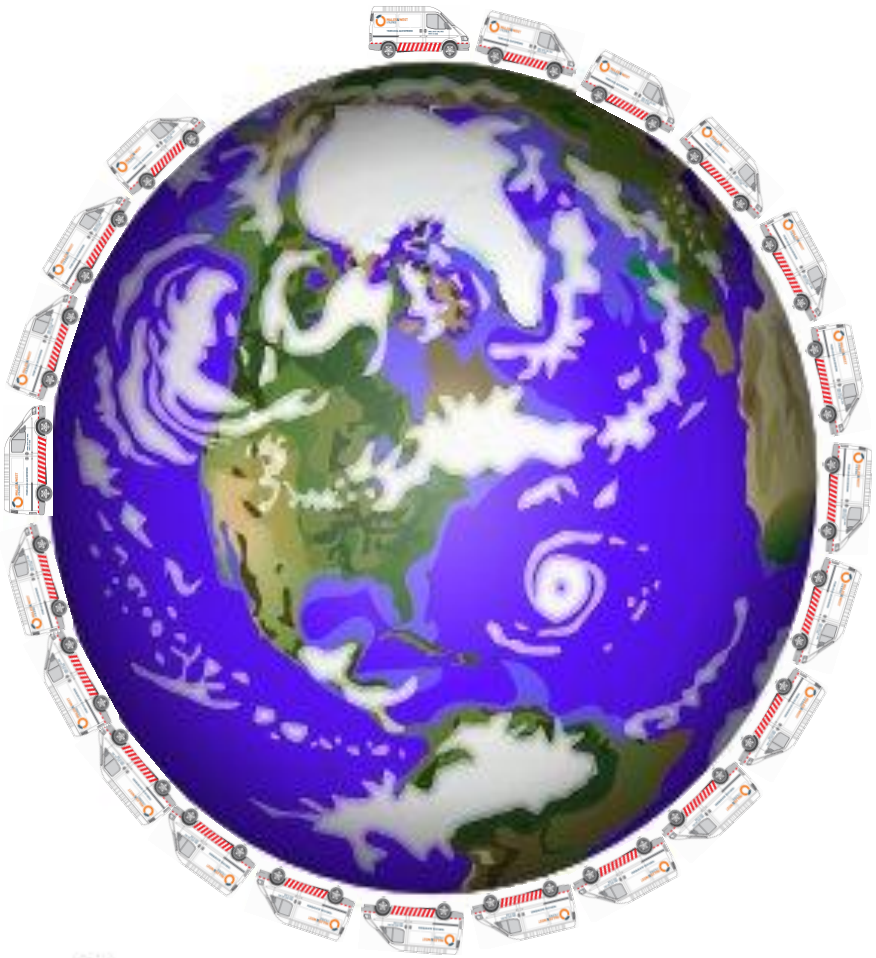
WWU ensures that gas is piped in a safe and efficient way. The company is also responsible for dealing with gas escapes, laying new gas pipes and replacing and moving pipes and meters.

Dispersed Geography

- Area covers 41,000 sq.km - 1/6th of the UK
- Drive time Caernarvon to Penzance 9 hours
- 2.4M Customer Sites
- 7.4M Catchment Population
- 1200 Staff, 500 contractors
- 850 mobile users



Asset Infrastructure



- 35,000Km of pipes
- Replace around 400 km of old metallic mains every year
- Provide 20,000 new connections every year
- Replace or repair 250,000 gas meters every year
- Respond to more than 125,000 gas emergency calls every year

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Asset Management

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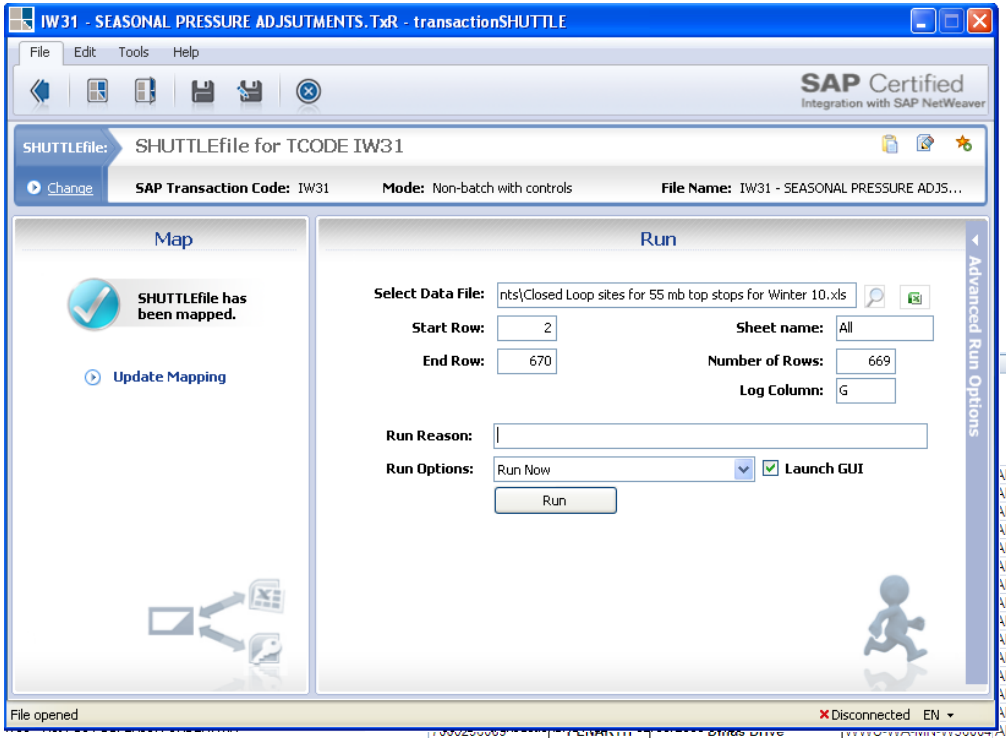
Seasonal Pressure Adjustments

Twice yearly we receive a large file from our asset department of just short of a thousand jobs to go out and adjust pressures on a number of our sites due to seasonal changes.

Previously we had to complete this work manually alongside our everyday work, it could take over a week to complete the work depending on staff levels and available time. We now use Winshuttle to carry out this task every time.

IW31 – Work Orders Created for each record



7000296090	PENARTH	BRYN Y DON	WWU-WA-MN-164771
7000296091	PENARTH	PENARTH RD CARDIFF	WWU-WA-MN-S35001
7000296092	RHOOSE	TORBAY TCE RHOOSE	WWU-WA-MN-S39001
7000296093	SULLY	COG RD SULLY	WWU-WA-MN-S37303
7000296094	BLACKWOOD	Blackwood	WWU-WA-MN-E03201
7000296095	BLACKWOOD	GORSY	WWU-WA-MN-WSSH1
7000296096	BLACKWOOD	Croespenmaen	WWU-WA-MN-E07306
7000296097	BLACKWOOD	GROVE PARK	WWU-WA-MN-E04801
7000296098	BLACKWOOD	Highfields	WWU-WA-MN-E08601
7000296099	BLACKWOOD	Gelligroes	WWU-WA-MN-656002
7000296100	BLACKWOOD	Springfield	WWU-WA-MN-E01001
7000296101	BLACKWOOD	High Street	WWU-WA-MN-623106
7000296102	BLACKWOOD	Riverside	WWU-WA-MN-623104
7000296103	BLACKWOOD	Newbridge	WWU-WA-MN-E01701
7000296104	BLACKWOOD	ABERCARN HOLDER STN	WWU-WA-MN-634001
7000296105	BLACKWOOD	Marne Street	WWU-WA-MN-E03601
7000296106	BLACKWOOD	Pontywaun	WWU-WA-MN-E03602
7000296107	NEWPORT	CRINDAU	WWU-WA-MN-652001
7000296108	NEWPORT	Mendalgief	WWU-WA-MN-163635
7000296109	NEWPORT	Bassaleg Bridge	WWU-WA-MN-628001
7000296110	NEWPORT	Corporation Road	WWU-WA-MN-676002
7000296111	NEWPORT	Penkin Hill	WWU-WA-MN-E00303
7000296112	NEWPORT	Lliswerry	WWU-WA-MN-E00301
7000296113	NEWPORT	Coldra	WWU-WA-MN-E05308
7000296114	NEWPORT	Sutherland	WWU-WA-MN-E08301

E	F	G
Job Desc	Planner Group	Log transactionSHUTTLE 8.5 WRP-100, FIRTHAN Mode: Non-Batch with Controls 04/10/2010 12:56:56 IW31 - SEASONAL PRESSURE ADJSUTMENTS.TxR
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296075 saved with notification 1003372704
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296076 saved with notification 1003372705
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296077 saved with notification 1003372706
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296078 saved with notification 1003372707
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296079 saved with notification 1003372708
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296080 saved with notification 1003372709
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296081 saved with notification 1003372710
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296082 saved with notification 1003372711
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ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296088 saved with notification 1003372717
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ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296092 saved with notification 1003372721
ADJUST TOP STOP TO 55MBAR FOR WINTER	381	Order 7000296093 saved with notification 1003372722
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296094 saved with notification 1003372723
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ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296098 saved with notification 1003372727
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ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296101 saved with notification 1003372730
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296102 saved with notification 1003372731
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296103 saved with notification 1003372732
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296104 saved with notification 1003372733
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296105 saved with notification 1003372734
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296106 saved with notification 1003372735
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296107 saved with notification 1003372736
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296108 saved with notification 1003372738
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296109 saved with notification 1003372739
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296110 saved with notification 1003372740
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ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296113 saved with notification 1003372743
ADJUST TOP STOP TO 55MBAR FOR WINTER	351	Order 7000296114 saved with notification 1003372744

Sheet1 All

Average No Of Records: 1000

Estimated Time Saved Each Time Process is run: 22 Hours

Twice Yearly

Seasonal Pressure Adjustments

Benefits:

- Allows us to make changes to the process as and when required.

- Quick, the whole process can be completed in about an hour.

- Work can be done be a single resource, allowing others to continue with day to day work..

- Allows our operational colleagues to get started with the work quicker, not having to wait for us.

3rd Party Customer Work Creation

As a business we carry out a number of tasks on behalf of 3rd parties. The work is sent to WWU via an Excel CSV File.

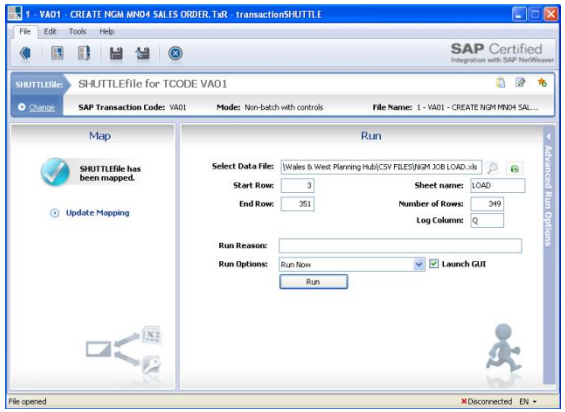
Previously we had a custom SAP Z transaction to create all the work, however when the 3rd party started making changes to the information they provided and the format, the z transaction no longer worked. We have since used Winshuttle to carry out this work.

3rd Party Customer Work Creation

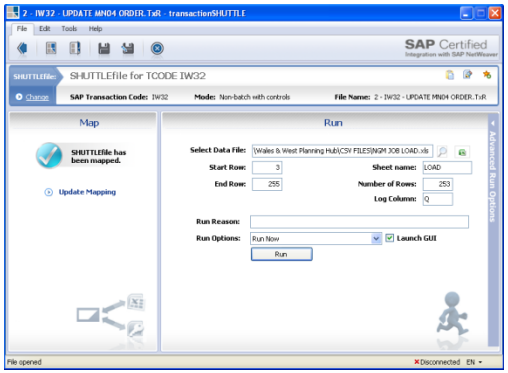
The process uses a combination of 5 different Winshuttle transactions.

	A	C	D	F	M	N	Q	R	T	V	X	Y	AA	AB	AC	AD
1	MN04						Log reaSHUTTLE 8.3 Update 2 WHP-100, Stores Mode: Non-Batch with Controls 09/03/2011 15:58:49 2 - IW32 - UPDATE MN04	MN01					Log reaSHUTTLE 8.3 Update 2 WHP-100, Stores Mode: Non-Batch with Controls 09/03/2011 16:01:42 3 - IW36 - CREATE NGM MN01 PLANNED ORDER.txt			Log reaSHUTTLE 8.3 Update 2 WHP-100, Stores Mode: Non-Batch without Controls 10/02/2011 14:37:46 5 - IW32 - UPDATE SERVICE
2	Job Descriptio	Quote Ri	Dat	Cost Co	Start D	Finish D		Superior Orde	Site Name	Street Name	City	Post Co		SAP WORK ORDER NUMBE	Service Gover	eplace Service Governor Planner
3	M2204A Func C	4E+09	11.03.2011	N351	26.04.2011	15.07.2011	Order saved with number 7000328377	7000328374	UNIT 23 TAFA	UNIT 23		NP22 3AA	Order 7000328727 saved with notificatio	7000328727	N	
4	M2204B Func C	4E+09	11.03.2011	S323	16.05.2011	02.08.2011	Order saved with number 7000328377	7000328375	PETER BLACK	PLEASE DELETE LP METER		BA14 0NH	Order 7000328728 saved with notificatio	7000328728	N	
5	M2202B Fun Cl	4E+09	11.03.2011	S311	03.05.2011	20.07.2011	Order saved with number 7000328377	7000328376	VAPOURMATI	KESTREL WAY, S	EXETER	EX2 7NB	Order 7000328729 saved with notificatio	7000328729	N	
6	M2202B Fun Cl	4E+09	11.03.2011	S321	26.04.2011	15.07.2011	Order saved with number 7000328377	7000328377	S.D.C. 1 TO 9	STONEDALE RO	STROUD	GL10 2DN	Order 7000328730 saved with notificatio	7000328730	N	
7	P0031B ES/94/1	4E+09	11.03.2011	S321	03.05.2011	26.05.2011	Order saved with number 7000328377	7000328378	ZENITH NURSI	STATION ROAD	EVESHAM	WR11 8JJ	Order 7000328731 saved with notificatio	7000328731	N	
8	M0003A Mainte	4E+09	11.03.2011	S323	16.05.2011	02.08.2011	Order saved with number 7000328377	7000328379	GREAT WESTI	GREAT WESTER	SWINDON	SN3 6BB	Order 7000328732 saved with notificatio	7000328732	N	
9	M2204A Func C	4E+09	11.03.2011	N381	09.05.2011	26.07.2011	Order saved with number 7000328377	7000328380	CAMBRIAN PI	TYNYLLALLEY FO	LLANGAD	SA19 9LY	Order 7000328733 saved with notificatio	7000328733	N	
10	P0014A ES/94/1	4E+09	11.03.2011	S312	16.05.2011	09.06.2011	Order saved with number 7000328377	7000328381	ECLP (PAR) P	ECLP (PAR) PRS	PAR	PL24 2BH	Order 7000328734 saved with notificatio	7000328734	N	
11	M2202B Fun Cl	4E+09	11.03.2011	S323	16.05.2011	02.08.2011	Order saved with number 7000328377	7000328382	MFI	ASHVORTH ROA	WEST SWIN	SN5 7AA	Order 7000328735 saved with notificatio	7000328735	N	
12	M0003A Mainte	4E+09	11.03.2011	N351	10.05.2011	27.07.2011	Order saved with number 7000328377	7000328383	UNIT 30 TAFA	UNIT 30		NP22 3AA	Order 7000328736 saved with notificatio	7000328736	N	
13	M2202B Fun Cl	4E+09	11.03.2011	S322	16.05.2011	02.08.2011	Order saved with number 7000328377	7000328384	WILL'S LTD	VINTERSTOKE F	ASHTON	BS3 2LN	Order 7000328737 saved with notificatio	7000328737	N	
14	P0031B ES/94/1	4E+09	11.03.2011	S321	03.05.2011	26.05.2011	Order saved with number 7000328377	7000328386	CARSON NUR	CARSON NURSE		WR11 8LW	Order 7000328738 saved with notificatio	7000328738	N	
15	P0031B ES/94/1	4E+09	11.03.2011	S321	03.05.2011	26.05.2011	Order saved with number 7000328377	7000328387	EASTWICK GR	EASTWICK GROV	EVESHAM	WR11 8YH	Order 7000328739 saved with notificatio	7000328739	N	
16	P0031X ES/94/1	4E+09	11.03.2011	N362	26.04.2011	23.05.2011	Order saved with number 7000328377	7000328388	WARWICK CHE	MOSTYN DOCKS	MOSTYN	CH8 9HE	Order 7000328740 saved with notificatio	7000328740	N	
17	M2204A Func C	4E+09	11.03.2011	N351	16.05.2011	02.08.2011	Order saved with number 7000328377	7000328389	AALCO	Unit 10a Newhouse	Chepstow	NP16 6UD	Order 7000328741 saved with notificatio	7000328741	N	
18	M2204B Func C	4E+09	11.03.2011	N381	16.05.2011	02.08.2011	Order saved with number 7000328377	7000328390	Eden Industries	Eden Industries,Hl		CF44 9YN	Order 7000328742 saved with notificatio	7000328742	N	
19	P0014A ES/94/1	4E+09	11.03.2011	S312	16.05.2011	09.06.2011	Order saved with number 7000328377	7000328391	ECLP (PAR) P	ECLP (PAR) PRS	PAR	PL24 2BH	Order 7000328743 saved with notificatio	7000328743	N	
20	M2205A Maj Ol	4E+09	11.03.2011	N351	16.05.2011	02.08.2011	Order saved with number 7000328377	7000328393	UNIT 27 TAFA	UNIT 27		NP22 3AA	Order 7000328744 saved with notificatio	7000328744	N	
21	M2204A Func C	4E+09	11.03.2011	S322	28.04.2011	19.07.2011	Order saved with number 7000328377	7000328394	UNIT 2 BRITAN	KINGS WESTON I	BRISTOL	BS11 8HT	Order 7000328745 saved with notificatio	7000328745	N	
22	M2301A Routin	4E+09	11.03.2011	N361	09.05.2011	17.05.2011	Order saved with number 7000328377	7000328395	KRONOSPAN	DUMMY		LL14 5NT	Order 7000328746 saved with notificatio	7000328746	N	
23	M0001C Maint E	4E+09	11.03.2011	S323	16.05.2011	02.08.2011	Order saved with number 7000328377	7000328396	SOUTHSIDE UI	SOUTHSIDE UNI		BA1 9XX	Order 7000328747 saved with notificatio	7000328747	N	
24	M0003A Mainte	4E+09	11.03.2011	S311	09.05.2011	26.07.2011	Order saved with number 7000328377	7000328397	LE GROUP PL	LE GROUP PLC C		EX13	Order 7000328749 saved with notificatio	7000328749	N	
25	M2102A Functic	4E+09	11.03.2011	N381	10.05.2011	06.09.2011	Order saved with number 7000328377	7000328398	FACTORY AS	ASTRAL COURT		SA12 7BT	Order 7000328750 saved with notificatio	7000328750	Y	Order 7000328750 saved with notifica
26	M2202H FChk	4E+09	11.03.2011	S323	12.05.2011	29.07.2011	Order saved with number 7000328377	7000328399	AIRMANS AC	AIRMANS ACCO	LYNEHAM	SN15 9XX	Order 7000328751 saved with notificatio	7000328751	N	
27	M2204A Func C	4E+09	11.03.2011	N362	16.05.2011	02.08.2011	Order saved with number 7000328400	7000328400	GRAPHOPRIN	PARKWAY	DEE IN EST	CH5 2NU	Order 7000328752 saved with notificatio	7000328752	N	
28	M0003A Mainte	4E+09	11.03.2011	S322	16.05.2011	02.08.2011	Order saved with number 7000328400	7000328401	VESSEX DAIR	STOCKWOOD RC	BRISTOL	BS4 5QG	Order 7000328753 saved with notificatio	7000328753	N	
29	M0003A Mainte	4E+09	11.03.2011	S321	16.05.2011	02.08.2011	Order saved with number 7000328400	7000328402	LYDMET	FEDERAL MOGU	LYDNEY	GL15 5PX	Order 7000328754 saved with notificatio	7000328754	N	
30	M2202B Fun Cl	4E+09	11.03.2011	S322	10.05.2011	27.07.2011	Order saved with number 7000328400	7000328403	BLACKBERRY	BLACKBERRY H	BRISTOL	BS16 2EN	Order 7000328755 saved with notificatio	7000328755	N	
31	M2202B Fun Cl	4E+09	11.03.2011	S322	16.05.2011	02.08.2011	Order saved with number 7000328400	7000328404	POST HOUSE I	POST HOUSE HC	THORNBU	BS35 3LL	Order 7000328756 saved with notificatio	7000328756	N	
32	P0031X ES/94/1	4E+09	11.03.2011	S322	10.05.2011	03.06.2011	Order saved with number 7000328400	7000328405	A.R.C. CHEDD	A.R.C. CHEDDAF	CHEDDAR	BS27 3LR	Order 7000328757 saved with notificatio	7000328757	N	
33	M2102A Functic	4E+09	11.03.2011	N361	16.05.2011	12.09.2011	Order saved with number 7000328400	7000328406	'BRIAR'POOLE	'BRIAR'POOLE R		SY16 3AJ	Order 7000328758 saved with notificatio	7000328758	Y	Order 7000328750 saved with notifica
34	M2202A Fun Cl	4E+09	11.03.2011	S323	16.05.2011	02.08.2011	Order saved with number 7000328400	7000328407	DE VERE HOTI	SHAW RIDGE LSI	WEST SWIN	SN5 7DN	Order 7000328759 saved with notificatio	7000328759	N	
35	M2205A Maj Ol	4E+09	11.03.2011	N351	03.05.2011	20.07.2011	Order saved with number 7000328400	7000328408	EASIBAKE FO	PONTYFELIN INC	PONTYPO	NP4 0DQ	Order 7000328760 saved with notificatio	7000328760	N	
36	M2204A Func C	4E+09	11.03.2011	S322	28.04.2011	19.07.2011	Order saved with number 7000328400	7000328409	UNIT 3 BRITAN	KINGS WESTON I	BRISTOL	BS11 8HT	Order 7000328761 saved with notificatio	7000328761	N	
37	P0031B ES/94/1	4E+09	11.03.2011	N351	03.05.2011	26.05.2011	Order saved with number 7000328411	7000328410	ALCAN WORKS	TREGWILYM RO	NEWPORT	NP10 8EN	Order 7000328762 saved with notificatio	7000328762	N	
38	P0031B ES/94/1	4E+09	11.03.2011	S321	03.05.2011	26.05.2011	Order saved with number 7000328411	7000328411	WESTHILL NUF	BIRMINGHAM RI	EVESHAM	WR11 5TD	Order 7000328763 saved with notificatio	7000328763	N	
39	M2319A Site Fu	4E+09	11.03.2011	N381	03.05.2011	20.05.2011	Order saved with number 7000328411	7000328412	MACCESS	MACCESS		CF63 4XX	Order 7000328764 saved with notificatio	7000328764	N	
40	M2202B Fun Cl	4E+09	11.03.2011	S321	04.05.2011	21.07.2011	Order saved with number 7000328411	7000328413	KERRY FOOD	KERRY FOOD ST	KI	WR11 4RA	Order 7000328765 saved with notificatio	7000328765	N	
41	M0003A Mainte	4E+09	11.03.2011	S323	03.05.2011	20.07.2011	Order saved with number 7000328411	7000328414	HONDA (UNIT	HONDA (UNIT 3)	SWINDON	SN5 7UZ	Order 7000328766 saved with notificatio	7000328766	N	
42	M0003A Mainte	4E+09	11.03.2011	N351	03.05.2011	20.07.2011	Order saved with number 7000328411	7000328415	UNIT B TAFA	UNIT B		NP22 3AA	Order 7000328767 saved with notificatio	7000328767	N	
43	E1144A RCD Ele	4E+09	11.03.2011	N371	09.05.2011	26.07.2011	Order saved with number 7000328411	7000328416	KRONOSPAN	KRONOSPAN WE	WREXHAM	LL14 5HN	Order 7000328768 saved with notificatio	7000328768	N	
44	M0003A Mainte	4E+09	11.03.2011	S323	03.05.2011	20.07.2011	Order saved with number 7000328411	7000328417	BATH & WEST	FOSSEWAY A37	SHEPTON	BA4 6SS	Order 7000328769 saved with notificatio	7000328769	N	
45	M0003A Mainte	4E+09	11.03.2011	S323	03.05.2011	20.07.2011	Order saved with number 7000328411	7000328418	PAULTON SCI	PLUMTREE CLOSI	PAULTON	BS39 7QY	Order 7000328770 saved with notificatio	7000328770	N	
46	M2204A Func C	4E+09	11.03.2011	S323	09.05.2011	26.07.2011	Order saved with number 7000328411	7000328419	CROWN PET F	TORBAY ROAD	CASTLE C	BA7 7DT	Order 7000328771 saved with notificatio	7000328771	N	
47	M0003A Mainte	4E+09	11.03.2011	S323	11.05.2011	28.07.2011	Order saved with number 7000328420	7000328420	SERGEANTS M	SERGEANTS ME	LYNEHAM	SN15 9XX	Order 7000328772 saved with notificatio	7000328772	N	
48	M2202B Fun Cl	4E+09	11.03.2011	S321	03.05.2011	20.07.2011	Order saved with number 7000328421	7000328421	INDALEX	INDALEX,TEWKE	CHELTENH	GL51 9DT	Order 7000328773 saved with notificatio	7000328773	N	
49	M2202A Fun Cl	4E+09	11.03.2011	S321	03.05.2011	20.07.2011	Order saved with number 7000328422	7000328422	SEVERN TREN	STAVERTON	NR CHELT	GL2 9QY	Order 7000328774 saved with notificatio	7000328774	N	
50	M2202B Fun Cl	4E+09	11.03.2011	S322	03.05.2011	20.07.2011	Order saved with number 7000328423	7000328423	SOMERFIELD,	HAWKFIELD BUS	WHITCHUR	BS14 0BB	Order 7000328775 saved with notificatio	7000328775	N	
51	M2202B Fun Cl	4E+09	11.03.2011	S322	03.05.2011	20.07.2011	Order saved with number 7000328424	7000328424	CARDINAL HE	BLAGROVE IND	WEST SWI	SN5 8XX	Order 7000328776 saved with notificatio	7000328776	N	
52	M2202B Fun Cl	4E+09	11.03.2011	S313	26.04.2011	15.07.2011	Order saved with number 7000328425	7000328425	FRANK ROVE	FRANK ROVE NI	WELLINGTI	TA21 9XX	Order 7000328777 saved with notificatio	7000328777	N	
53	P0014A ES/94/1	4E+09	11.03.2011	N361	26.04.2011	23.05.2011	Order saved with number 7000328426	7000328426	CADBURYS CI	CADBURYS CHIF		LL14 5NT	Order 7000328778 saved with notificatio	7000328778	N	
54	M2307A FChk -	4E+09	11.03.2011	N361	26.04.2011	15.07.2011	Order saved with number 7000328427	7000328427	CADBURYS CI	CADBURYS CHIF		LL14 5NT	Order 7000328779 saved with notificatio	7000328779	N	
55	P0031B ES/94/1	4E+09	11.03.2011	N351	03.05.2011	26.05.2011	Order saved with number 7000328428	7000328428	STATISTICS O	TREDEGAR PAF	NEWPORT	NP10 8XG	Order 7000328780 saved with notificatio	7000328780	N	
56	M0003A Mainte	4E+09	11.03.2011	S311	13.05.2011	01.08.2011	Order saved with number 7000328429	7000328429	RIDGE KITCHEI	R D & E HOSPITA		EX2 5DW	Order 7000328781 saved with notificatio	7000328781	N	
57	M0003A Mainte	4E+09	11.03.2011	S312	16.05.2011	02.08.2011	Order saved with number 7000328430	7000328430	VBB HEADON	HEADON CLAM	IVYBRIDGE	PL21 9PW	Order 7000328782 saved with notificatio	7000328782	N	
58	M2202A Fun Cl	4E+09	11.03.2011	N361	16.05.2011	02.08.2011	Order saved with number 7000328431	7000328431	UNIT 68 CLYWE	UNIT 68 CLYWED	WREXHAM	LL13 9XN	Order 7000328783 saved with notificatio	7000328783	N	

1 – VA01 – To Individual Sales Orders For Each Entry



2 – IW32 – To Update the auto generated Superior work orders.

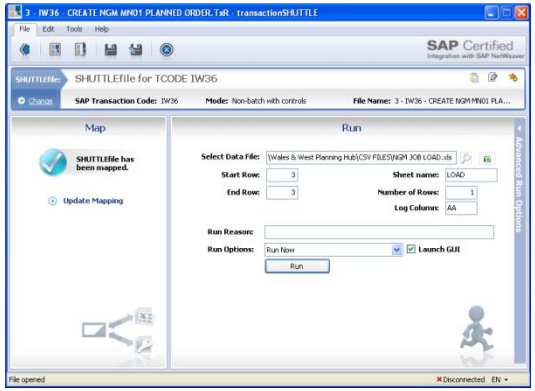


Average No Of Records: 450

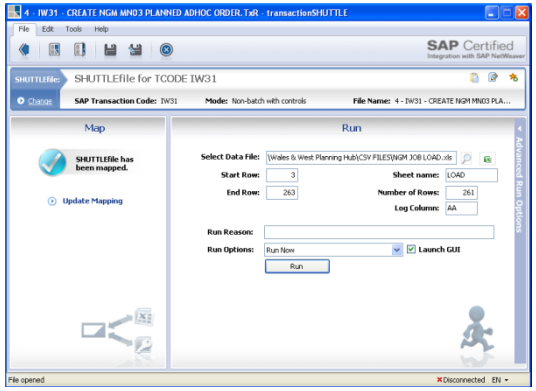
Estimated Time Saved Each Time Process is run: 37.5 Hours

Monthly

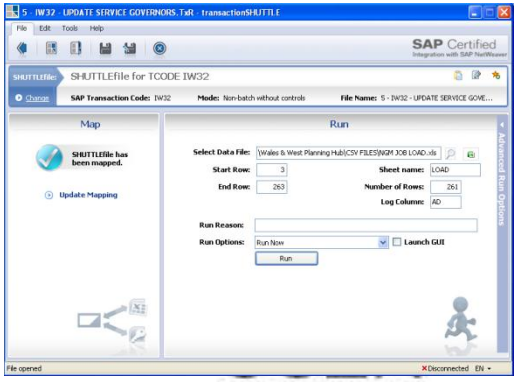
3 – IW36 – To Create Sub Orders from each Superior work order in order to send out to operation teams to carry out work.



4 – IW31 – To create additional work orders that are charged on a time and materials basis.



5 – IW32 – To update relevant work orders where certain criteria is met.



3rd Party Customer Work Creation

Benefits:

- Average No Of Records: 450
- Estimated Time Saved Each Time Process is run: 37.5 Hours monthly

- Allows us to make changes to the process as and when required.

- We can adapt easily to both ours and 3rd Party Requirements.

- No lengthy development and testing.

- Work can be carried out by any number of people within the team using their normal SAP privileges.

- We can easily identify any that fail and the reasons why.

Connection Asset & Work Creation

As part of our connection business we install new gas connections to new and existing properties. Although a majority of this is automated, the system is not able to cope with some large projects. Therefore we use Winshuttle to create both the assets and create the associated work orders.

Connection Asset & Work Creation

Benefits:

- Allows us to make changes to the process as and when required.

- Number of personnel required reduced from 3 to 1.

The system uses a combination of 4 shuttle files.

1. This creates the initial equipment using IE01.

2. The creates the sub equipment linked to the initial equipment using IE01.

3. A work order is created using IW31.

4. The work order is edited using GUI scripting on IW32 to update NRSWA Notifications.

Average No Of Records: 40

Estimated Time Saved Each Time Process is run: 7.5 Hours

Weekly

Usage Stats

Manager –Transaction
Transaction Installed: April 2008.
Total Records Uploaded through Transaction Shuttle:
440368.
Total Time Saved: 220 days, 11 hours, 54 minutes, 55 seconds. (**661.49 Working Days**)

Also, a team of 5 staff who all have Runner installed on their machines and from all the transactions I've provided them, their total combined stats are as follows, however this does not include stats from a further 3 staff that have since moved on:

Total Records Uploaded through Runner: **52724**
Total Time Saved: 67 days, 16 hours, 16 minutes, 49 seconds. (**203.04 Working Days**

SAP Transactions Used:
VA01 – Create Sales Order
IE01 – Create Equipment/ IE02 – Change Equipment
IL01 – Create Functional Location / IL02 – Change Functional Location
IP01 – Create Maintenance Plan / IP02 – Change Maintenance Plan / IP10 – Schedule Maintenance
IR01 – Create Work Centre/ IR02 – Change Work Centre
IW22 – Change PM Notification
IW31 – Create Work Order / IW32 – Change Work Order/ IW36 – Create Sub Work Order
Various Custom Z Transactions

Winshuttle is not only used to upload data into SAP, but also to retrieve data quickly without having to create reports.

WALES&WEST UTILITIES

HCM

Wales & West Utilities

WINSHUTTLE USER GROUP

HCM Transaction

- Personnel Administration (PA30)
  - Annual Salary Uplift (Infotype 8)
  - Annual Bonus Payments (Infotype 15)
  - Work schedules for part-time / flexible workers (Infotype 2003)

- Organisation Management (PP01, PO13, PO10 etc.)
  - Annual Cost Centre amendments
  - Bespoke company restructures

Annual Salary Uplift

- Changes to Table T510 made via normal CR process
- Performance Review and Pay Progression data collated by HR Advisors and Line Managers into Excel Spreadsheet
- Review and sign off process prior to upload
- Shuttle file run to update indirect salaries using PS Groups and Levels
- Second Shuttle file run to update direct salaries

WALES&WEST UTILITIES

Annual Salary Uplift

Normal | Page Layout | Page Break Preview | Custom Views | Full Screen | Workbook Views
Message Bar | Show/Hide
Zoom | 100% | Zoom to Selection | Zoom
New Window | Arrange All | Freeze Panes | Unhide | Reset W | Window

H1377 | Record created

	A	B	C	D	E	F	G
1	Personnel Number RP50G-PERNR	Time period indicator: Period RP50G-TIMR6	From RP50G-BEGDA	Validity end date RP50G-ENDDA	Infotype selection for HR master data maintenance RP50G-CHOIC	Pay Scale Group P0008-TRFGR	Pay Scale Level P0008-TRFST
430	4105791	X	01.07.2010	31.12.9999	8	TS6	3
431	4105910	X	01.07.2010	31.12.9999	8	TS6	4
432	4106631	X	01.07.2010	31.12.9999	8	TS6	4

Personnel No 4105791 | Name
EE group 1 Active | Pers.area 0007 Network Services
EE subgroup 03 Staff-NGT Pre 9/2... | Cost Center B500 Head of Capital Prog
Start 01.07.2010 to 31.12.9999 | Chgd 04.11.2010 JONESGI

Subtype 0 Basic contract

Pay scale

PS type 01 Standard contract | Cap.util.lvl 100.00
PS area Z1 WWU | Wkl.hrs/period 160.33 Monthly
PS group TS6 Level 3 | Next inc.
Ann.salary 40,457.00 GBP

Wa...	Wage Type Long Text	O...	Amount	Curr...	I...	A...	Number/unit	Unit
1000	Monthly Salary		3,371.42	GBP	I	✓	0.00	

WINSHUTTLE USER GROUP

Annual Salary Uplift

- Benefits
  - Data is managed by subject matter experts in a format suitable to their requirements and abilities
  - Salary model can be maintained by users who do not have privileges to edit Infotype 8 in SAP
  - No duplication of effort in retyping large spreadsheet into SAP

Annual Bonus Payments

- Same performance data used in Pay Uplift process
- Only the Payroll Number and Bonus Percent required from HR Advisors
- Bonus calculated as a percentage of pre-uplift salary (calculated in spreadsheet)
- Data transferred into Infotype 15

Annual Bonus Payments

Clipboard | Font | Alignment | Nu

L1 f_x

	A	B	C	D	E	F
1	RP50G-PERNR	RP50G-TIMR6	RP50G-CHOIC	RP50G-SUBTY	Q0015-BETRG	Log transactionSHUTTLE 8.0 SP 2 Update 1 WRP-100, JONESGI Mode: Non-Batch with Controls 07/07/2009 10:11:40 PA30 - Staff Bonuses (T P).TxR
2	423309	X	0015	2050	734.21	Record created
3	500028	X	0015	2050	798.90	Record created
4	500010	X	0015	2050	798.90	Record created

Personnel No	423309		Name		
EE group	1	Active	Pers.area	0007	Network Services
EE subgroup	03	Staff-NGT Pre 9/2...	Cost Center	N390	TM Workshops
			Chng	07.07.2009	JONESGI

Additional Payments

Wage type	2050	Bonus (T P)
Amount	734.21	GBP
Number/unit	0.00	
Date of origin	31.07.2009	
Default Date	00	
Assignment number		
Reason for Change		

WINSHUTTLE USER GROUP

Annual Bonus Payments

- Benefits
  - Data is managed by subject matter experts in a format suitable to their requirements and abilities
  - Salary model can be maintained by users who do not have privileges to edit Infotype 15 in SAP
  - No duplication of effort in retyping large spreadsheet into SAP

Work Schedules

Pre Winshuttle process for changing work schedules

- Upon receipt of flexible working request for a pattern that has not yet been created in SAP, a Change Request is raised
- SAP Development team create pattern in DEV
- Pattern transported to QA for UAT
- Following successful UAT, the pattern is transported to PROD during the next scheduled transport release
- New pattern assigned to employee

Minimum turnaround is 3 days although typically over 7 days due transportation schedule

Work Schedules

The Winshuttle Way

- A pattern for a working week is created in a row of a spreadsheet
- Values are copied down with dates increasing 7 days for each row until desired date is reached (generally 6 months)
- Shuttle file is run, creating 7 records in Infotype 2003 for each row
- Daily hours verified using Transaction PT63

Turnaround generally less than one day

Work Schedules

The Winshuttle Way

AM66 | Record created

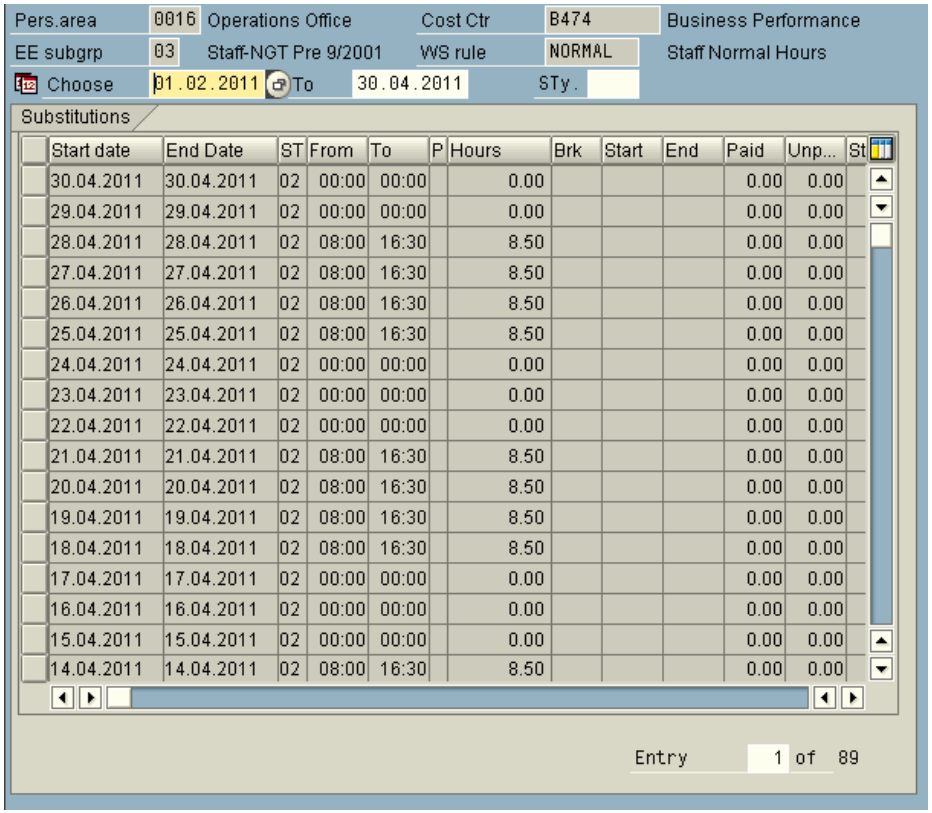
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD
1	Daily Work Schedule P20(TPR	Time period indicator: Peri BPSC	Infotype selection for HR master data maintenance	Start Date P2003-BEGDA	End Date P2003-ENDDA	Start Time Q2003-BE	End Time Q2003-ENDUZ	Daily Work Schedule P20(TPR	Start Date P2003-BEGDA	End Date P2003-ENDDA	Start Time Q2003-BE	End Time Q2003-ENDUZ	Daily Work Schedule P20(TPR	Start Date P2003-BEGDA	End Date P2003-ENDDA	Start Time Q2003-BE	End Time Q2003-ENDUZ	Daily Work Schedule P20(TPR	Start Date P2003-BEGDA	End Date P2003-ENDDA	Start Time Q2003-BE	End Time Q2003-ENDUZ	Daily Work Schedule P20(TPR	Start Date P2003-BEGDA	End Date P2003-ENDDA	Start Time Q2003-BE	End Time Q2003-ENDUZ	Daily Work Schedule P20(TPR	Start Date P2003-BEGDA	End Date P2003-ENDDA
53	4272275	X	2003	09.01.2011	09.01.2011			FREE	10.01.2011	10.01.2011	08:00	16:30		11.01.2011	11.01.2011	08:00	16:30		12.01.2011	12.01.2011	08:00	16:30		13.01.2011	13.01.2011	08:00	16:30		14.01.2011	14.01.2011
54	4272275	X	2003	16.01.2011	16.01.2011			FREE	17.01.2011	17.01.2011	08:00	16:30		18.01.2011	18.01.2011	08:00	16:30		19.01.2011	19.01.2011	08:00	16:30		20.01.2011	20.01.2011	08:00	16:30		21.01.2011	21.01.2011
55	4272275	X	2003	23.01.2011	23.01.2011			FREE	24.01.2011	24.01.2011	08:00	16:30		25.01.2011	25.01.2011	08:00	16:30		26.01.2011	26.01.2011	08:00	16:30		27.01.2011	27.01.2011	08:00	16:30		28.01.2011	28.01.2011
56	4272275	X	2003	30.01.2011	30.01.2011			FREE	31.01.2011	31.01.2011	08:00	16:30		01.02.2011	01.02.2011	08:00	16:30		02.02.2011	02.02.2011	08:00	16:30		03.02.2011	03.02.2011	08:00	16:30		04.02.2011	04.02.2011
57	4272275	X	2003	06.02.2011	06.02.2011			FREE	07.02.2011	07.02.2011	08:00	16:30		08.02.2011	08.02.2011	08:00	16:30		09.02.2011	09.02.2011	08:00	16:30		10.02.2011	10.02.2011	08:00	16:30		11.02.2011	11.02.2011
58	4272275	X	2003	13.02.2011	13.02.2011			FREE	14.02.2011	14.02.2011	08:00	16:30		15.02.2011	15.02.2011	08:00	16:30		16.02.2011	16.02.2011	08:00	16:30		17.02.2011	17.02.2011	08:00	16:30		18.02.2011	18.02.2011
59	4272275	X	2003	20.02.2011	20.02.2011			FREE	21.02.2011	21.02.2011	08:00	16:30		22.02.2011	22.02.2011	08:00	16:30		23.02.2011	23.02.2011	08:00	16:30		24.02.2011	24.02.2011	08:00	16:30		25.02.2011	25.02.2011
60	4272275	X	2003	27.02.2011	27.02.2011			FREE	28.02.2011	28.02.2011	08:00	16:30		01.03.2011	01.03.2011	08:00	16:30		02.03.2011	02.03.2011	08:00	16:30		03.03.2011	03.03.2011	08:00	16:30		04.03.2011	04.03.2011
61	4272275	X	2003	06.03.2011	06.03.2011			FREE	07.03.2011	07.03.2011	08:00	16:30		08.03.2011	08.03.2011	08:00	16:30		09.03.2011	09.03.2011	08:00	16:30		10.03.2011	10.03.2011	08:00	16:30		11.03.2011	11.03.2011
62	4272275	X	2003	13.03.2011	13.03.2011			FREE	14.03.2011	14.03.2011	08:00	16:30		15.03.2011	15.03.2011	08:00	16:30		16.03.2011	16.03.2011	08:00	16:30		17.03.2011	17.03.2011	08:00	16:30		18.03.2011	18.03.2011
63	4272275	X	2003	20.03.2011	20.03.2011			FREE	21.03.2011	21.03.2011	08:00	16:30		22.03.2011	22.03.2011	08:00	16:30		23.03.2011	23.03.2011	08:00	16:30		24.03.2011	24.03.2011	08:00	16:30		25.03.2011	25.03.2011
64	4272275	X	2003	27.03.2011	27.03.2011			FREE	28.03.2011	28.03.2011	08:00	16:30		29.03.2011	29.03.2011	08:00	16:30		30.03.2011	30.03.2011	08:00	16:30		31.03.2011	31.03.2011	08:00	16:30		01.04.2011	01.04.2011
65	4272275	X	2003	03.04.2011	03.04.2011			FREE	04.04.2011	04.04.2011	08:00	16:30		05.04.2011	05.04.2011	08:00	16:30		06.04.2011	06.04.2011	08:00	16:30		07.04.2011	07.04.2011	08:00	16:30		08.04.2011	08.04.2011
66	4272275	X	2003	10.04.2011	10.04.2011			FREE	11.04.2011	11.04.2011	08:00	16:30		12.04.2011	12.04.2011	08:00	16:30		13.04.2011	13.04.2011	08:00	16:30		14.04.2011	14.04.2011	08:00	16:30		15.04.2011	15.04.2011
67	4272275	X	2003	17.04.2011	17.04.2011			FREE	18.04.2011	18.04.2011	08:00	16:30		19.04.2011	19.04.2011	08:00	16:30		20.04.2011	20.04.2011	08:00	16:30		21.04.2011	21.04.2011	08:00	16:30		22.04.2011	22.04.2011
68	4272275	X	2003	24.04.2011	24.04.2011			FREE	25.04.2011	25.04.2011	08:00	16:30		26.04.2011	26.04.2011	08:00	16:30		27.04.2011	27.04.2011	08:00	16:30		28.04.2011	28.04.2011	08:00	16:30		29.04.2011	29.04.2011
69	4272275	X	2003	01.05.2011	01.05.2011			FREE	02.05.2011	02.05.2011	08:00	16:30		03.05.2011	03.05.2011	08:00	16:30		04.05.2011	04.05.2011	08:00	16:30		05.05.2011	05.05.2011	08:00	16:30		06.05.2011	06.05.2011
70	4272275	X	2003	08.05.2011	08.05.2011			FREE	09.05.2011	09.05.2011	08:00	16:30		10.05.2011	10.05.2011	08:00	16:30		11.05.2011	11.05.2011	08:00	16:30		12.05.2011	12.05.2011	08:00	16:30		13.05.2011	13.05.2011
71	4272275	X	2003	15.05.2011	15.05.2011			FREE	16.05.2011	16.05.2011	08:00	16:30		17.05.2011	17.05.2011	08:00	16:30		18.05.2011	18.05.2011	08:00	16:30		19.05.2011	19.05.2011	08:00	16:30		20.05.2011	20.05.2011
72	4272275	X	2003	22.05.2011	22.05.2011			FREE	23.05.2011	23.05.2011	08:00	16:30		24.05.2011	24.05.2011	08:00	16:30		25.05.2011	25.05.2011	08:00	16:30		26.05.2011	26.05.2011	08:00	16:30		27.05.2011	27.05.2011
73	4272275	X	2003	29.05.2011	29.05.2011			FREE	30.05.2011	30.05.2011	08:00	16:30		31.05.2011	31.05.2011	08:00	16:30		01.06.2011	01.06.2011	08:00	16:30		02.06.2011	02.06.2011	08:00	16:30		03.06.2011	03.06.2011
74	4272275	X	2003	05.06.2011	05.06.2011			FREE	06.06.2011	06.06.2011	08:00	16:30		07.06.2011	07.06.2011	08:00	16:30		08.06.2011	08.06.2011	08:00	16:30		09.06.2011	09.06.2011	08:00	16:30		10.06.2011	10.06.2011
75	4272275	X	2003	12.06.2011	12.06.2011			FREE	13.06.2011	13.06.2011	08:00	16:30		14.06.2011	14.06.2011	08:00	16:30		15.06.2011	15.06.2011	08:00	16:30		16.06.2011	16.06.2011	08:00	16:30		17.06.2011	17.06.2011
76	4272275	X	2003	19.06.2011	19.06.2011			FREE	20.06.2011	20.06.2011	08:00	16:30		21.06.2011	21.06.2011	08:00	16:30		22.06.2011	22.06.2011	08:00	16:30		23.06.2011	23.06.2011	08:00	16:30		24.06.2011	24.06.2011
77	4272275	X	2003	26.06.2011	26.06.2011			FREE	27.06.2011	27.06.2011	08:00	16:30		28.06.2011	28.06.2011	08:00	16:30		29.06.2011	29.06.2011	08:00	16:30		30.06.2011	30.06.2011	08:00	16:30		01.07.2011	01.07.2011
78	4272275	X	2003	03.07.2011	03.07.2011			FREE	04.07.2011	04.07.2011	08:00	16:30		05.07.2011	05.07.2011	08:00	16:30		06.07.2011	06.07.2011	08:00	16:30		07.07.2011	07.07.2011	08:00	16:30		08.07.2011	08.07.2011
79	4272275	X	2003	10.07.2011	10.07.2011			FREE	11.07.2011	11.07.2011	08:00	16:30		12.07.2011	12.07.2011	08:00	16:30		13.07.2011	13.07.2011	08:00	16:30		14.07.2011	14.07.2011	08:00	16:30		15.07.2011	15.07.2011
80	4272275	X	2003	17.07.2011	17.07.2011			FREE	18.07.2011	18.07.2011	08:00	16:30		19.07.2011	19.07.2011	08:00	16:30		20.07.2011	20.07.2011	08:00	16:30		21.07.2011	21.07.2011	08:00	16:30		22.07.2011	22.07.2011
81	4272275	X	2003	24.07.2011	24.07.2011			FREE	25.07.2011	25.07.2011	08:00	16:30		26.07.2011	26.07.2011	08:00	16:30		27.07.2011	27.07.2011	08:00	16:30		28.07.2011	28.07.2011	08:00	16:30		29.07.2011	29.07.2011
82	4272275	X	2003	31.07.2011	31.07.2011			FREE	01.08.2011	01.08.2011	08:00	16:30		02.08.2011	02.08.2011	08:00	16:30		03.08.2011	03.08.2011	08:00	16:30		04.08.2011	04.08.2011	08:00	16:30		05.08.2011	05.08.2011
83	4272275	X	2003	07.08.2011	07.08.2011			FREE	08.08.2011	08.08.2011	08:00	16:30		09.08.2011	09.08.2011	08:00	16:30		10.08.2011	10.08.2011	08:00	16:30		11.08.2011	11.08.2011	08:00	16:30		12.08.2011	12.08.2011
84	4272275	X	2003	14.08.2011	14.08.2011			FREE	15.08.2011	15.08.2011	08:00	16:30		16.08.2011	16.08.2011	08:00	16:30		17.08.2011	17.08.2011	08:00	16:30		18.08.2011	18.08.2011	08:00	16:30		19.08.2011	19.08.2011
85	4272275	X	2003	21.08.2011	21.08.2011			FREE	22.08.2011	22.08.2011	08:00	16:30		23.08.2011	23.08.2011	08:00	16:30		24.08.2011	24.08.2011	08:00	16:30		25.08.2011	25.08.2011	08:00	16:30		26.08.2011	26.08.2011
86	4272275	X	2003	28.08.2011	28.08.2011			FREE	29.08.2011	29.08.2011	08:00	16:30		30.08.2011	30.08.2011	08:00	16:30		31.08.2011	31.08.2011	08:00	16:30		01.09.2011	01.09.2011	08:00	16:30		02.09.2011	02.09.2011
87	4272275	X	2003	04.09.2011	04.09.2011			FREE	05.09.2011	05.09.2011	08:00	16:30		06.09.2011	06.09.2011	08:00	16:30		07.09.2011	07.09.2011	08:00	16:30		08.09.2011	08.09.2011	08:00	16:30		09.09.2011	09.09.2011
88	4272275	X	2003	11.09.2011	11.09.2011			FREE	12.09.2011	12.09.2011	08:00	16:30		13.09.2011	13.09.2011	08:00	16:30		14.09.2011	14.09.2011	08:00	16:30		15.09.2011	15.09.2011	08:00	16:30		16.09.2011	16.09.2011
89	4272275	X	2003	18.09.2011	18.09.2011			FREE	19.09.2011	19.09.2011	08:00	16:30		20.09.2011	20.09.2011	08:00	16:30		21.09.2011	21.09.2011	08:00	16:30		22.09.2011	22.09.2011	08:00	16:30		23.09.2011	23.09.2011
90	4272275	X	2003	25.09.2011	25.09.2011			FREE	26.09.2011	26.09.2011	08:00	16:30		27.09.2011	27.09.2011	08:00	16:30		28.09.2011	28.09.2011	08:00	16:30		29.09.2011	29.09.2011	08:00	16:30		30.09.2011	30.09.2011

2010 | 2011 | Backup_061510_135344 | 2011 Remodelling | Sheet1

Ready | 70%

Sunday Monday Tuesday Wednesday

Work Schedules



Pers.area 0016 Operations Office | Cost Ctr B474 Business Performance
EE subgrp 03 Staff-NGT Pre 9/2001 | WS rule NORMAL Staff Normal Hours
Choose 01.02.2011 To 30.04.2011 STy.

Substitutions

Start date	End Date	ST	From	To	P	Hours	Brk	Start	End	Paid	Unp...	St
30.04.2011	30.04.2011	02	00:00	00:00		0.00				0.00	0.00	
29.04.2011	29.04.2011	02	00:00	00:00		0.00				0.00	0.00	
28.04.2011	28.04.2011	02	08:00	16:30		8.50				0.00	0.00	
27.04.2011	27.04.2011	02	08:00	16:30		8.50				0.00	0.00	
26.04.2011	26.04.2011	02	08:00	16:30		8.50				0.00	0.00	
25.04.2011	25.04.2011	02	08:00	16:30		8.50				0.00	0.00	
24.04.2011	24.04.2011	02	00:00	00:00		0.00				0.00	0.00	
23.04.2011	23.04.2011	02	00:00	00:00		0.00				0.00	0.00	
22.04.2011	22.04.2011	02	00:00	00:00		0.00				0.00	0.00	
21.04.2011	21.04.2011	02	08:00	16:30		8.50				0.00	0.00	
20.04.2011	20.04.2011	02	08:00	16:30		8.50				0.00	0.00	
19.04.2011	19.04.2011	02	08:00	16:30		8.50				0.00	0.00	
18.04.2011	18.04.2011	02	08:00	16:30		8.50				0.00	0.00	
17.04.2011	17.04.2011	02	00:00	00:00		0.00				0.00	0.00	
16.04.2011	16.04.2011	02	00:00	00:00		0.00				0.00	0.00	
15.04.2011	15.04.2011	02	00:00	00:00		0.00				0.00	0.00	
14.04.2011	14.04.2011	02	08:00	16:30		8.50				0.00	0.00	

Entry 1 of 89

Records in Infotype 2003 represent individual days

Records are easily deleted or changed if the employee changes their hours

Work Schedules

Benefits

- No dependence on IT support for system development
- No waiting for scheduled transports
- Faster turnaround time
- A flexible approach to a Flexible Working policy

Benefits

Wales & West Utilities

WWU's Best Practices

- Always record and test in QA first
- Challenge any manual loading process
- Every Change Request considers Winshuttle as a potential solution
- Empower the user

Summary of Benefits

- Real Benefits to Wales & West Utilities
  - Total records uploaded: over 3 million
  - Real time saving and process improvement
  - Reduced CR development costs
- Used in any department that
  data
  - Finance, Asset Manag
  - Error Management, Work Ma
  - HR, PL, and Testing

Saves 1/2 days work during month end downloading Wages data
Saves 1 day per month uploading journals to complete
Saves 3 days per month creating internal order numbers.

"Basically it makes my life easier and WWU get better productive work out of me!"

Questions?

How to contact me:

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