



**Whimbrel Software**  
Industry Specific Management Solutions

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## Steel Erection and Fabrication Application

Whimbrel has developed a steel fabrication and scheduling software application that streamlines operational and financial planning. This application integrates seamlessly with Whimbrel's Bill of Material Software solutions and can be customised to your exact requirements. It keeps track of profit margins enabling the correct decisions to be made on what to purchase.

Steel erection and fabrication companies need to control the type and quantities of materials they purchase and fabricate in-house. Companies need to meet future customer demands at the lowest possible cost. If manufacturing companies depend on spreadsheets, legacy systems or hand filled forms to manage materials there is a good chance high error rates are hurting profit margins.

Whimbrel's steel fabrication application typically covers the following:

- Manages any part of the material handling
- Controls fabrication of assemblies and sub-assemblies
- Keeps track of inventory
- Monitors stock levels and off cuts put back into stock
- Customised job cards
- Manages labour costs
- Ensures products get produced on time with minimal waste
- Double checks that orders contain the correct item numbers
- Designs customised reports
- Controls laser cuts, saw cuts and cut to size parts
- Links products and work orders to streamline material handling
- Imports Sigmanest, Solid Works, CAD data including general parts or bill of materials lists
- Powerful BOM parts explosion reporting:
  - Parts ordered depending on BOM levels
  - Click through to edit parts from BOM explosion report
  - Orphaned parts error report
  - Predictive text dropdown boxes to add common descriptions

# Reports

- Books steel sheets and steel parts into production and offcuts to stores. Controls steel costs and removes costs of steel that have been placed into storage.

File Edit Tools System Help Navigate >

1281    New Sheet    Process    Job Card    Documents    Details

Requisition

Job Card Details										
Job Card Number	Month	Year	Job Card Date	Type	User Name	User Email	Production Managers Name	Production Manager Email	General Managers Name	General Managers Email
1281	October	2017	02/10/2017		Antony Jones	antony.j@steelsuppliers.co	Max Smith	maxsmith@steelsuppliers.c	Oliver Rodger	oliver.r@steelsuppliers.co.
Job Card Description	Material Certificate	Company Name	Manual Job Card No.	Order Number	Completion Date		Quote	Invoice	Delivery	
Papachino's Greenstone	No	Steel Suppliers	W10.17.1281		10/10/2017			633	1	
Customer Name	Customer Code	Contact	Fax	Telephone	Job Status				Status	
Jones Projects	026				Complete					
Work Required Notes										
Inspection Report Notes										
Job Card Items										
Description - Add New Material	Material Code - Add Stock Material	Length	Breadth	Thickness	Status	Unit	Quantity	Unit Cost	Discount	Total Cost
N-Mild Steel	Hot Rolled	4,000.000	2,000.000	6.000	Sheet 1		1.00	4,502.16		-4,502.16
Description - Offcut To Stock	Material Code - Offcut To Stock	Stock Length	Stock Breadth	Stock Thickness						Stock Total Cost
Part Quantity	Job Check List	Production Hours	Programme No.							
8										
Description - Add New Material	Material Code - Add Stock Material	Length	Breadth	Thickness	Status	Unit	Quantity	Unit Cost	Discount	Total Cost
N-Mild Steel	Hot Rolled	4,000.000	2,000.000	6.000	Sheet 2		1.00	4,502.16		-4,502.16
Description - Offcut To Stock	Material Code - Offcut To Stock	Stock Length	Stock Breadth	Stock Thickness						Stock Total Cost
S-Mild Steel	153 A	2,000.000	1,000.000	6.000						1,125.54
Part Quantity	Job Check List	Production Hours	Programme No.							
5										
Description - Add New Material	Material Code - Add Stock Material	Length	Breadth	Thickness	Status	Unit	Quantity	Unit Cost	Discount	Total Cost
N-Mild Steel	Hot Rolled	4,000.000	2,000.000	6.000	Sheet 3		1.00	4,502.16		-4,502.16
Description - Offcut To Stock	Material Code - Offcut To Stock	Stock Length	Stock Breadth	Stock Thickness						Stock Total Cost
S-Mild Steel	154 A	2,000.000	1,000.000	6.000						1,125.54
Part Quantity	Job Check List	Production Hours	Programme No.							
4										
Description - Add New Material	Material Code - Add Stock Material	Length	Breadth	Thickness	Status	Unit	Quantity	Unit Cost	Discount	Total Cost
N-Mild Steel	Hot Rolled	4,000.000	2,000.000	6.000	Sheet 3		1.00	4,502.18		-4,502.18
Description - Offcut To Stock	Material Code - Offcut To Stock	Stock Length	Stock Breadth	Stock Thickness						Stock Total Cost
S-Mild Steel	155 A	2,000.000	1,000.000	6.000						1,125.54
Part Quantity	Job Check List	Production Hours	Programme No.							
2										
Description - Add New Material	Material Code - Add Stock Material	Length	Breadth	Thickness	Status	Unit	Quantity	Unit Cost	Discount	Total Cost

Internet : 02/10/2017 | 2017 | October

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- Records all steel in stock and new steel purchased

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Close Grid Hot Rolled Select

02/10/2017 | 2017 | October

Description	Code Description	Length	Breadth	Thickness	Material Cost	Notes
S-Mild Steel	153 A	2,000.000	1,000.000	6.000	1,125.54	
S-Mild Steel	154 A	2,000.000	1,000.000	6.000	1,125.54	
S-Mild Steel	155 A	2,000.000	1,000.000	6.000	1,125.54	
S-Mild Steel	155 B	3,000.000	1,000.000	6.000	1,688.32	
S-Mild Steel	159 B	700.000	360.000	10.000		
S-Mild Steel	160 B	1,000.000	320.000	8.000		
S-Mild Steel	168 B	2,375.000	1,200.000	5.000		
S-Mild Steel	169 B	1,699.000	1,225.000	3.000		
S-Mild Steel	170 B	393.000	142.000	4.500		
S-Mild Steel	Hot Rolled	1,200.000	500.000	3.000	399.83	

File Edit Tools System Help Navigate >

Close Grid N-Mild Steel Select

02/10/2017 | 2017 | October

Description	Code Description	Length	Breadth	Thickness	Material Cost	Notes
Mild Steel	Hot Rolled	2,500.000	1,200.000	5.000		Quantum Steel
Mild Steel	S355	4,000.000	2,000.000	5.000		Quantum Steel
Mild Steel	S355	2,500.000	1,200.000	6.000		Quantum Steel
Mild Steel	S355	4,000.000	2,000.000	6.000		Quantum Steel
Mild Steel	S355	2,500.000	1,200.000	8.000		Quantum Steel
Mild Steel	S355	4,030.000	2,020.000	8.000		Quantum Steel
Mild Steel	S355	2,500.000	1,200.000	10.000		Quantum Steel
Mild Steel	S355	3,000.000	1,500.000	10.000		Quantum Steel
Mild Steel	S355	4,020.000	2,020.000	10.000		Quantum Steel
Mild Steel	S355	2,500.000	1,200.000	12.000		Quantum Steel
Mild Steel	S355	4,030.000	2,030.000	12.000		Quantum Steel
Mild Steel	S355	2,500.000	1,200.000	16.000		Quantum Steel
Mild Steel	S355	3,000.000	1,500.000	16.000		Quantum Steel
Mild Steel	S355	4,030.000	2,100.000	16.000		Quantum Steel
Mild Steel	S355	2,500.000	1,200.000	20.000		Quantum Steel
Mild Steel	S355	3,000.000	1,500.000	20.000		Quantum Steel
Mild Steel	S355	4,020.000	2,020.000	20.000		Quantum Steel
Mild Steel	Hot Rolled	2,450.000	1,225.000	2.000		Quantum Steel
Mild Steel	Cold Rolled	3,000.000	1,500.000	2.000		Quantum Steel
Mild Steel	Hot Rolled	2,450.000	1,225.000	2.500		Quantum Steel
Mild Steel	Hot Rolled	3,000.000	1,410.000	2.500		Quantum Steel
Mild Steel	Hot Rolled	2,450.000	1,225.000	3.000		Quantum Steel

- Interactive reporting to control item costs and steel placed back into stock

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1292    New Sheet    Process    Job Card    Documents    Details

Requisition

Job Card Steel Costing

File View Options

Reports <<    Excel    Order    On Top    Select    Refresh

Read-only Report

Job Card Number	Job Card Date	Customer Name	Job Card Description	Description - Add New Material	Material Code - Add Stock Material	Total Cost	Description - Offcut To Stock	Material Code - Offcut To Stock	Stock Total Cost	Manual Job Card No.
1281	02/10/2017	Jones Projects	Greenstone	N-Mild Steel	Hot Rolled	-4,502.16			0.00	W10.17.1281
1281	02/10/2017	Jones Projects	Greenstone	N-Mild Steel	Hot Rolled	-4,502.16	S-Mild Steel	153 A	1,125.54	W10.17.1281
1281	02/10/2017	Jones Projects	Greenstone	N-Mild Steel	Hot Rolled	-4,502.16	S-Mild Steel	154 A	1,125.54	W10.17.1281
1281	02/10/2017	Jones Projects	Greenstone	N-Mild Steel	Hot Rolled	-4,502.18	S-Mild Steel	155 A	1,125.54	W10.17.1281
1281	02/10/2017	Jones Projects	Greenstone	Stock		-4,502.18	S-Mild Steel	155 B	1,688.32	W10.17.1281
<b>Sub Total</b>						<b>-22,510.84</b>		<b>Sub Total</b>	<b>5,064.94</b>	
1282	02/10/2017	Customer One	Laser 0832	S-Mild Steel	171 B	-3,600.00	S-Mild Steel	180 A	120.00	W10.17.1282
<b>Sub Total</b>						<b>-3,600.00</b>		<b>Sub Total</b>	<b>120.00</b>	
1288	04/10/2017	Customer Five	Louis							W10.17.1288
<b>Sub Total</b>						<b>0.00</b>		<b>Sub Total</b>	<b>0.00</b>	
1291	04/10/2017	Customer Eight	Left Drive	S-Mild Steel	169 A	-1,200.00	S-Mild Steel	169 B	832.16	W10.17.1291
1291	04/10/2017	Customer Eight	Left Drive	S-Mild Steel	170 A	-1,800.00			183.67	W10.17.1291
<b>Sub Total</b>						<b>-3,000.00</b>		<b>Sub Total</b>	<b>1,015.83</b>	
1292	04/10/2017	Customer Nine	Baseplates and Plates	S-Mild Steel	157 A	-1,100.00			389.06	W10.17.1292
1292	04/10/2017	Customer Nine	Baseplates and Plates	S-Mild Steel	158 A	-990.00			42.00	W10.17.1292
1292	04/10/2017	Customer Nine	Baseplates and Plates	S-Mild Steel	159 A	-1,500.00	S-Mild Steel	159 B	937.50	W10.17.1292
1292	04/10/2017	Customer Nine	Baseplates and Plates	S-Mild Steel	160 A	-1,400.00	S-Mild Steel	160 B	350.00	W10.17.1292
<b>Sub Total</b>						<b>-4,990.00</b>		<b>Sub Total</b>	<b>1,718.56</b>	
1294	04/10/2017	Customer Three	Test Stair Threads							W10.17.1294
<b>Sub Total</b>						<b>0.00</b>		<b>Sub Total</b>	<b>0.00</b>	
1303	05/10/2017	Fan Masters	Baka Plate							W10.17.1303
<b>Sub Total</b>						<b>0.00</b>		<b>Sub Total</b>	<b>0.00</b>	
1307	09/10/2017	Faltec	Tony							W10.17.1307
<b>Sub Total</b>						<b>0.00</b>		<b>Sub Total</b>	<b>0.00</b>	

Job Check List	Production Hours	Programme No.								
86										

Material Code - Add Stock Material	Length	Breadth	Thickness	Status	Unit	Quantity	Unit Cost	Discount	Total Cost

Internet : 04/10/2017 | Job Card | 2017 | October

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- Controls individual parts on each job card

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1292    New Sheet    Process    Job Card    Documents    Details

Requisition

Job Card Part Type

File View Options

Reports <<

Read-only Report

Excel    No Split    On Top    Select    Refresh    < >

Manual Job Card No.	Status	Job Card Number	Job Card Date	Programme No.	Description - Add New Material	Material Code - Add Stock Material	Parts Code	Parts Details	Quantity	Task One	Quality One	Task Two	Quality Two	Task Three	Quality Three
W10.17.1337		1328	16/10/2017		s- Mild Steel		1	3000x150x5mm	2	Guilhotine					
W10.17.1337		1328	16/10/2017		s-Mild Steel		1	3000x285x8mm	2	Guilhotine					
W10.17.1337		1328	16/10/2017	2313	s- Mild Steel		1	250x120x10mm	4	Laser					
								<b>Sub Total</b>	<b>8</b>						
W10.17.1338		1329	16/10/2017		s- Mild Steel		1	3980x461x6mm	38	Plasma		Bending			
W10.17.1338		1329	16/10/2017		s- Mild Steel		2	3980x431x6mm	23	Plasma		Bending			
W10.17.1338		1329	16/10/2017		s-Mild Steel		1	3980x150x4mm	61	Plasma		Bending			
								<b>Sub Total</b>	<b>122</b>						
W10.17.1339		1330	16/10/2017	2328	s-Stainless Steel		1	D96x30x2mm	20	Laser					
								<b>Sub Total</b>	<b>20</b>						
W10.17.1340		1331	17/10/2017	2318	s-Stainless Steel		1	1150x500x0.7mm	9	Laser		Bending			
								<b>Sub Total</b>	<b>9</b>						
W10.17.1341		1332	17/10/2017		s-Galv		1	1870 Post	42	Laser		Bending			
W10.17.1341		1332	17/10/2017		s-Galv		1	1000x500x1.2mm	12	Laser		Bending			
W10.17.1341		1332	17/10/2017		s-Galv		2	870x500x1.2mm	16	Laser		Bending			
W10.17.1341		1332	17/10/2017		s-Galv		3	1150x500x1.2mm	30	Laser		Bending			
W10.17.1341		1332	17/10/2017		s-Galv		4	750x500x1.2mm	30	Laser		Bending			
W10.17.1341		1332	17/10/2017		s-Galv		5	900x500x1.2mm	4	Laser		Bending			
								<b>Sub Total</b>	<b>134</b>						
W10.17.1342		1333	17/10/2017		s- Mild Steel		1	1202x630x5mm	1	Laser					
W10.17.1342		1333	17/10/2017		s- Mild Steel		1	1202x742x3mm	1	Laser					
W10.17.1342		1333	17/10/2017		s- Mild Steel		2	329x138x3mm	17	Laser					
								<b>Sub Total</b>	<b>19</b>						
W10.17.1343		1334	17/10/2017	2331	s-Mild Steel		1	D11x65x20mm	10	Laser					
								<b>Sub Total</b>	<b>10</b>						
W10.17.1344		1335	17/10/2017	2332	s-Stainless Steel		1	50.8x50.8x2mm	100	Laser					
W10.17.1344		1335	17/10/2017	2333	s-Stainless Steel		1	50.8x50.8x3mm	100	Laser					

Job Card Details

Job Card Number: 1292

Job Card Description: Baseplates and Plates

Customer Name: Customer Nine

Work Required Notes

Inspection Report Notes

Job Card Items

Description - Add New Material: S-Mild Steel

Description - Offcut To Stock

Part Quantity: 12

Description - Add New Material: S-Mild Steel

Description - Offcut To Stock

Part Quantity: 30

Description - Add New Material: S-Mild Steel

Description - Offcut To Stock

Part Quantity: 1

Description - Add New Material: S-Mild Steel

Description - Offcut To Stock

Part Quantity: 86

Description - Add New Material

Internet : 04/10/2017 | Job Card | 2017 | October

- Creates job cards in Microsoft Excel or PDF

File Edit Tools System Help Navigate >

1292    New Sheet    Process    Documents    Details

Requestion

Job Card Number	Month	Year	Job Card Date	Type	User Name	User Email	Production Managers Nam	Production Manager Email	General Managers Name	General Managers Email
1292	October	2017	04/10/2017	Job Card	Ceara Noortman					

001 - Job Card [Read-Only] - Excel

File Home Insert Page Layout Formulas Data Review View Add-ins Help LOAD TEST Team Tell me what you want to do

A1    COMPANY LOGO

COMPANY LOGO													
						16 East Road			P.O. Box 9244				
						North Suburb			Illovo				
						Big town			7865				
						T +27 (0)11 898 8787			Cell				
						F +27 11 898 8787			Email				
JOB CARD													
						1292			Date			04/10/2017	
Customer Name				Customer Nine									
Manual Job Card Number				W10.17.1292									
Job Card Description				Baseplates and Plates									
Description	Code	Programme No	Thickness	Qty	Part Qty	Stock Code	Quality	Name	Date	Hours			
S-Mild Steel	157 A		10	1	12								
S-Mild Steel	158 A		10	1	30								
S-Mild Steel	159 A		10	1	1								

Description - Add New Material	Material Code -
S-Mild Steel	157 A
Description - Offcut To Stock	Material Code -
Part Quantity	Job Check List
12	
Description - Add New Material	Material Code -
S-Mild Steel	158 A
Description - Offcut To Stock	Material Code -
Part Quantity	Job Check List
30	
Description - Add New Material	Material Code -
S-Mild Steel	159 A
Description - Offcut To Stock	Material Code -
S-Mild Steel	159 B
Part Quantity	Job Check List
1	
Description - Add New Material	Material Code -
S-Mild Steel	160 A
Description - Offcut To Stock	Material Code -
S-Mild Steel	160 B
Part Quantity	Job Check List
86	
Description - Add New Material	Material Code -

Internet : 04/10/2017 | Job Card | 2017 | October

- Detailed multiple level bill of materials

File Edit Tools System Help

7404-005 Search New Part Reports

Locks

List Number	Description	Length	Width	Thickness	Unit Mass	Location
7404-005	R404726LA	4,700.00	2,600.00	40.00	3,841.97	A
Material	M_PER_M	Vendor	OP1	OP2	OP3	OP4

TONNE  
TIME1

BOM Explosion

File View Options

Reports <<

BOM EXPLOSION - 7403-974

Export Excel On Top

List Number	Part Number	Quantity	Level	BOM Order	List Description	Part Description	Length	Width	Thickness	UnitMass	Material	M_PER_M	Cost	Vendor	OP1	OP2	OP3	OP4
M21827	M21832	2	4	01110102/03	RAMP W/LDMNT	WEDGE RAMP BAR	940	0	0	2.32	RB20	2.47	60.32	C	S			
M21827	M21833	1	4	01110102/04	RAMP W/LDMNT	PLATE	930	625	4.5	20.56	C	22.11	298.12	C	C			
7403-974	M21838	1	2	01111	CAMEL TRANS	WEDGE RAMP RH	0	0	0	0		0	1,317.91	A	F	W	F	W
M21838	M21837	1	3	0111101	WEDGE RAMP RH	RAMP W/LDMNT	0	0	0	0		0	1,317.91	A	F	W	F	W
M21837	M21836	3	4	011110101	RAMP W/LDMNT	WEDGE RAMP BKT LH	0	0	0	0		0	959.47	A	F	W	F	W
M21836	M21835	3	5	01111010101	WEDGE RAMP BKT LH	PRESSING	582	372	6	10.21	C	17.54	444.14	C	C	B	B	
M21836	M21831	3	5	01111010102	WEDGE RAMP BKT LH	WEDGE RAMP FLANGE	625	48	10	2.36	C	3.78	102.66	C	C			
M21837	M21828	1	4	011110102	RAMP W/LDMNT	FLOOR PRESSING	925	870	4.5	28.46	C	30.77	412.67	C	C	B		
M21837	M21833	1	4	011110103	RAMP W/LDMNT	PLATE	930	625	4.5	20.56	C	22.11	298.12	C	C			
M21837	M21832	2	4	011110104	RAMP W/LDMNT	WEDGE RAMP BAR	940	0	0	2.32	RB20	2.47	60.32	C	S			
M21838	M21823	2	3	0111102	WEDGE RAMP RH	RAMP HINGE	0	0	0	0		0	0.00	A	F	W	F	W
M21823	M21824	2	4	011110202	RAMP HINGE	SAFT ASSY	0	0	0	0		0	0.00	A	F	W	F	W
M21824	M21825	2	5	01111020202	SAFT ASSY	SHAFT	231	25	0	0	EN8 BRIGHT BAR	0	0	V				
M21824	296435	2	5	01111020204	SAFT ASSY	WASHER	0	0	0	0		0	0	V				
M21823	M07823	4	4	011110204	RAMP HINGE	HOLLOW BAR	100	0	0	0	HB 50 x 25 x 12.5	0	0	V				
M21823	296435	2	4	011110206	RAMP HINGE	WASHER	0	0	0	0		0	0	V				
7403-974	M04316	2	2	01112	CAMEL TRANS	CYLINDER 63/40	0	0	0	0	CYLINDER	0	0	V				
7403-974	M21843	2	2	01113	CAMEL TRANS	PIN WELDEMENT	0	0	0	0		0	1.56	A	F	W	F	W
M21843	M21947	2	3	0111301	PIN WELDEMENT	PIN	147	50	0	0	EN8 BLACK BAR	0	0	V				
M21843	M21095	2	3	0111302	PIN WELDEMENT	HANDLE	100	0	0	0.06	RB10	0.62	1.56	C	S	H	B	
7403-974	M21844	2	2	01114	CAMEL TRANS	PIN WELDEMENT	0	0	0	0		0	1.56	A	F	W	F	W
M21844	M21095	2	3	0111401	PIN WELDEMENT	HANDLE	100	0	0	0.06	RB10	0.62	1.56	C	S	H	B	
M21844	M21946	2	3	0111402	PIN WELDEMENT	PIN	105	50	0	0	EN8 BLACK BAR	0	0	V				
7403-974	M21847	2	2	01115	CAMEL TRANS	SHAFT ASSY	0	0	0	0		0	780.48	A	F	W	F	W
M21847	M21846	2	3	0111501	SHAFT ASSY	SHAFT	815	0	0	24.62	RB70	30.21	640.12	C	S	H		
M21847	M21842	4	3	0111502	SHAFT ASSY	LOCKING PLATE	175	110	16	2.42	C	13.83	140.36	C	C			
7403-974	H97666	10	2	01116	CAMEL TRANS	REMOVABLE OUTRIGGERS	0	0	0	0	0	0	2,035.52	A	F	W	F	W
H97666	H97667	10	3	0111601	REMOVABLE OUTRIGGERS	BOTTOM FLANGE	320	0	0	1.51	FB60x10	4.71	196.30	C	S	H		
H97666	H97668	10	3	0111602	REMOVABLE OUTRIGGERS	TOP FLANGE	250	0	0	1.18	FB60x10	4.71	153.40	C	S	H		
H97666	H97669	10	3	0111603	REMOVABLE OUTRIGGERS	WEB	364	204	12	7	R	19.23	1,645.00	C	C			
H97666	H97678	10	3	0111604	REMOVABLE OUTRIGGERS	SUPPORT PLATE	25	80	0	0.314	FB80x20	0	40.82	C	S	H		
7403-974	H33886	1	2	01117	CAMEL TRANS	HAND PUMP ASSY	0	0	0	0		0	0	V				
7403-974	M21855	1	2	01118	CAMEL TRANS	FIXED HEADBOARD ASSY	0	0	0	0		0	1,501.61	A	F	W	F	W
M21855	M21854	1	3	0111801	FIXED HEADBOARD ASSY	HEADBOARD PLATE	2895	440	3	30.04	C	10.38	435.58	C	C			

Internet | 7404-005 | R404726LA

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- Exports all reports to Microsoft Excel

File Edit Tools System Help

7404-005 Search New Part Locks Reports

List Number	Description	Length	Width	Thickness	Unit Mass	Location
7404-005	R404726LA	4,700.00	2,600.00	40.00	3,841.97	A
Material	M_PER_M	Vendor	OP1	OP2	OP3	OP4

TONNE  
TIME1

Part Number  
M08936

K17226-2

Part Number

BOM Explosion

File View Options

Reports <<

BOM EXPLOSION - 7403-974

List Number	Part Number	Quantity	Level	BOM Order	List Description	Part Description	Length	Width	Thickness	UnitMass	Material	M_PER_M	Cost	Vendor	OP1	OP2	OP3	OP4
M21827	M21832	2	4	01110\02\03	RAMP W/LDMNT	WEDGE RAMP BAR	940	0	0	2.32	RB20	2.47	60.32	C	S			

Book1 - Excel

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D317 4

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
M218127	M21635	M21675	8	4	01\01\02\34	DECK & REAR END	HANGER SUPPORT	400	0	0	2.17	AN60x60x6	5.42	225.68	C	S	H		
M218128	M21635	M21676	1	4	01\01\02\35	DECK & REAR END	TWIST LOCK MEMBER LH	1292	125	6	7.62	C	5.9	110.49	C	C	B	B	
M218129	M21635	M21689	5	4	01\01\02\36	DECK & REAR END	BEAM	1218	0	0	36.54	BE203x133x30	30	2,375.10	C	S			
M218130	M21635	M21690	1	4	01\01\02\37	DECK & REAR END	TWIST LOCK MEMBER LH	1291	125	6	7.61	C	5.89	110.35	C	C	B	B	
M218131	M21635	M21808	4	4	01\01\02\38	DECK & REAR END	PLATE	595	95	10	4.44	C	7.46	257.52	C	C			
M218132	M21635	M21817	1	4	01\01\02\39	DECK & REAR END	ANGLE	1220	0	0	8.65	AN60x60x8	7.09	112.45	C	S	H		
M218133	M21635	M21818	2	4	01\01\02\40	DECK & REAR END	ANGLE	755	0	0	5.35	AN60x60x8	7.09	139.1	C	S	H		
M218134	M21635	M12898	2	4	01\01\02\41	DECK & REAR END	PLATE	505	220	10	8.73	R	17.29	410.31	C	C			
M218135	M21635	M21933	2	4	01\01\02\42	DECK & REAR END	FLAT	2871	0	0	27.04	FB100x12	9.42	703.04	C	S			
M218136	M21635	M21934	2	4	01\01\02\43	DECK & REAR END	FLAT BAR	441	0	0	4.15	FB100x12	9.42	107.9	C	S	H		
M218137	M21635	M21935	1	4	01\01\02\44	DECK & REAR END	PLATE	853	815	6	32.79	C	38.44	475.46	C	C	B	B	
M218138	M21635	M21936	1	4	01\01\02\45	DECK & REAR END	PLATE	853	815	6	32.79	C	38.44	475.46	C	C	B	B	
M218139	M21635	M18220	1	4	01\01\02\46	DECK & REAR END	VALVES BRKT	0	0	0	0	0	0	185.9	A	A	W		
M218140	M18220	M04295	1	5	01\01\02\46\0	VALVES BRKT	PARK BRAKE BRACKET	200	120	6	1.13	C	5.65	16.39	C	C			
M218141	M18220	M18219	1	5	01\01\02\46\0	VALVES BRKT	VALVE BKT	425	120	8	3.21	C	7.55	46.55	C	C			
M218142	M21635	M16304	8	4	01\01\02\47	DECK & REAR END	CHAIN HOOK PLATE	150	90	10	1.06	C	7.07	122.96	C	C			
M218143	M21805	M21903	1	3	01\01\03	MAIN FRAME WELDMNT	FLOOR PLATE	4845	1468	5	279.52	C	57.69	4,053.04	C	C	B	B	
M218144	M21805	M21814	1	3	01\01\04	MAIN FRAME WELDMNT	FLOOR PLATE	4845	1468	5	279.52	C	57.69	4,053.04	C	C	B	B	
M218145	M21805	M21815	2	3	01\01\05	MAIN FRAME WELDMNT	FLOOR PLATE	6550	1467	4	302.1	HX400	46.12	7,854.60	C	C			
M218146	M21805	M21895	2	3	01\01\06	MAIN FRAME WELDMNT	DROP LEG WELDMNT	0	0	0	0	0	0	678.37	A	F	W	F	W
M218147	M21895	M21894	2	4	01\01\06\01	DROP LEG WELDMNT	FOOT WELDMNT	0	0	0	0	0	0	198.42	A	F	W	F	W
M218148	M21894	M18046	2	5	01\01\06\01\0	FOOT WELDMNT	LEG FOOT	220	111	10	1.92	C	8.73	55.68	C	C	B	B	
M218149	M21894	M21897	2	5	01\01\06\01\0	FOOT WELDMNT	TUBE WELDMNT	0	0	0	0	0	0	142.74	A	F	W	F	W
M218150	M21897	M21896	2	6	01\01\06\01\0	TUBE WELDMNT	TUBE	290	0	0	5.19	SQ100x100x6	17.9	134.94	C	S	H		
M218151	M21897	M21898	4	6	01\01\06\01\0	TUBE WELDMNT	TUBE	103	0	0	0.15	CT31.8x2.5	1.47	7.8	C	S	H		
M218152	M21895	M21900	2	4	01\01\06\02	DROP LEG WELDMNT	LOCKING PIN	0	0	0	0	0	0	479.95	A	F	W	F	W
M218153	M21900	M21901	2	5	01\01\06\02\0	LOCKING PIN	LOCKING PIN	140	0	0	0	EN8	0	0	V				
M218154	M21900	296434	2	5	01\01\06\02\0	LOCKING PIN	PLAIN WASHER	0	0	0	0	0	0	0	V				
M218155	M21895	M21893	2	4	01\01\06\03	DROP LEG WELDMNT	COVER PRESSING	511	113	10	16.55	C	33.30	470.05	C	C	B	B	

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- Records all steel parts delivered and parts that are outstanding

Whimbrel Management System All Material Not Cut

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7403-787 Reports << Editable Report

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Works Order Number	Part No	Quantity	Works Order Number	Description	Length	Total Length	Thickness	Material	Location	Order Number	Qty Ordered	Date Ordered	Delivery Date	Qty Received	Date Cut / Received	Delivery Number	Supplier	Cutting WE Date	Type	Build	PartType	Works Order Number
7403-787																						
Cutting WE	M07504	1.00	7404-026	WEB	4,864.00	4,864.00	12.00	C	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
35	H95120	3.00	7404-026	TIE DOWN	381.00	1,143.00	12.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Gooseneck Assembly WE	M07489	3.00	7404-026	TIE DOWN	371.00	1,113.00	12.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Main Frame Assembly WE	H95120	3.00	7404-026	TIE DOWN	381.00	1,143.00	12.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	M07489	3.00	7404-026	TIE DOWN	371.00	1,113.00	12.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	H97030	2.00	7404-026	PLATE	280.00	560.00	12.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	H97427	2.00	7404-026	FRONT PLATE	460.00	920.00	16.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Rear End Assembly WE	M07478	1.00	7404-026	LUG	366.00	366.00	20.00	C	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	M09426	2.00	7404-026	WEB	633.00	1,266.00	20.00	C	CA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Other Assembly WE	H95781	2.00	7404-026	STIFFENER PLATE	228.00	456.00	20.00	C	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	H95034	1.00	7404-026	GUSSET	140.00	140.00	20.00	C	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	H95026	1.00	7404-026	GUSSET	140.00	140.00	20.00	C	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Running Gear BII WE	H96619	1.00	7404-026	GUSSET	105.00	105.00	20.00	C	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	H96619	1.00	7404-026	GUSSET	105.00	105.00	20.00	C	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Consumable BII WE	H95026	1.00	7404-026	GUSSET	140.00	140.00	20.00	C	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	H95034	1.00	7404-026	GUSSET	140.00	140.00	20.00	C	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	M09420	1.00	7404-026	BOTTOM FLANGE	7,684.00	7,684.00	20.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Description	M09422	1.00	7404-026	TOP FLANGE	7,652.00	7,652.00	20.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
R30 STEPDECK ASSY	M09420	1.00	7404-026	BOTTOM FLANGE	7,684.00	7,684.00	20.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
BOM Level	M09423	1.00	7404-026	TOP FLANGE	7,652.00	7,652.00	20.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
1	M09433	2.00	7404-026	DUTCHMAN	584.00	1,168.00	20.00	R	CA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
OP1	M12404	2.00	7404-026	DOUBLER PLATE	216.00	432.00	20.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
F	M12406	2.00	7404-026	DOUBLER PLATE	216.00	432.00	20.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	H96504	2.00	7404-026	BOTTOM FLANGE	5,535.00	11,070.00	20.00	R	CA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Description	H96271	2.00	7404-026	STIFFENER PLATE	733.00	1,466.00	20.00	R	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
MAINFRAME WELDMENT	M07501	1.00	7404-026	TOP FLANGE	4,797.00	4,797.00	20.00	R	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
BOM Level	M07502	1.00	7404-026	BOTTOM FLANGE	4,910.00	4,910.00	20.00	R	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
2	M07501	1.00	7404-026	TOP FLANGE	4,797.00	4,797.00	20.00	R	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
OP1	M07502	1.00	7404-026	BOTTOM FLANGE	4,910.00	4,910.00	20.00	R	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
F	M07494	1.00	7404-026	DOUBLER	914.00	914.00	25.00	C	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
	M07494	1.00	7404-026	DOUBLER	914.00	914.00	25.00	C	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Description	H95975	2.00	7404-026	FLANGE	1,255.00	2,510.00	25.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
GOOSENECK R30	M07483	4.00	7404-026	FLANGE	562.00	2,248.00	25.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
BOM Level	M07483	2.00	7404-026	FLANGE	562.00	1,124.00	25.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
3	M07483	2.00	7404-026	FLANGE	562.00	1,124.00	25.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
OP1	H95975	2.00	7404-026	FLANGE	1,255.00	2,510.00	25.00	R	BA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
F	M09424	2.00	7404-026	FLANGE	633.00	1,266.00	30.00	R	CA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
Description	M09425	2.00	7404-026	FLANGE	463.00	926.00	30.00	R	CA	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
GOOSENECK MAIN BEAM	H96650	2.00	7404-026	STOP PLATE	395.00	790.00	40.00	R	AB	84355		13/02/2018	19/02/2018				Supplier One	16/02/2018	Large Trailer	A - Main Line	Materials	7404-026
BOM Level						229,405.00				Split Total	0											
4	M05612	4.00	7404-026	SPEED BOARD FRAME	461.00	1,844.00	0.00	AN30x30x5	CA									16/02/2018	Large Trailer	A - Main Line	Saw Cut	7404-026
OP1	H97007	1.00	7404-026	FRAME FOR BOARD	4,640.00	4,640.00	0.00	AN30x30x5	STORES									16/02/2018	Large Trailer	A - Main Line	Saw Cut	7404-026
F	M09321	1.00	7404-026	AD SENSING VALVE BR	100.00	100.00	0.00	AN30x30x5	CA									16/02/2018	Large Trailer	A - Main Line	Saw Cut	7404-026
Description	M09331	1.00	7404-026	LEVELING VALVE BRKT	100.00	100.00	0.00	AN30x30x5	CA									16/02/2018	Large Trailer	A - Main Line	Saw Cut	7404-026
BEAM TOP FLANGE	M13359	2.00	7404-026	HOLD DOWN BRACKET	40.00	80.00	0.00	AN40x40x3	CA									16/02/2018	Large Trailer	A - Main Line	Saw Cut	7404-026
BOM Level	M04344	1.00	7404-026	BS SINGLE MODULATOR	150.00	150.00	0.00	AN50x50x5	CA									16/02/2018	Large Trailer	A - Main Line	Saw Cut	7404-026
	M09443	4.00	7404-026	ANGLE	729.00	2,916.00	0.00	AN60x60x6	CA									16/02/2018	Large Trailer	A - Main Line	Saw Cut	7404-026
	H97961	1.00	7404-026	CK RELEASE VALVE BR	60.00	60.00	0.00	AN60x60x6	CA									16/02/2018	Large Trailer	A - Main Line	Saw Cut	7404-026

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# Navigation

Example of a customer's application setup and navigation screen. Our system is customised to suit a company's requirements and processes.

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**Requisition, Order and Delivery Details**

Requisition Number: 10987  
 Whimbrel Navigation - Antony Jones

Requisition / Deliveries	Petty Cash	Equipment Hire	Plant Return	Subcontractors	NCR
Site One Site Three Site Two					

Supplier Invoices      Client Invoices and Cash

Module Type	User Name	User Email	Buyers Name	Buyers Email
Requisition	Antony Jones	ajones@construction.com	Antony Jones	ajones@construction.com
GL Material Code	GL Subcontractor Code	GL Accommodation Code	GL Training Code	GL Other Code
P341_MATERIALS	P341_SUBCONTRAC	P341_ACCOMODATI	P341_TRAINING	
Authorise Code				Status
				Remove

  

Quantity	Unit Cost	Discount	Total Cost
1.000	1,590.00		1,590.00
VAT Registered	Order Status	Order Number	Delivery Status
Order Complete	PO111111		
Quantity	Unit Cost	Discount	Total Cost
1.000	6,280.00		6,280.00
VAT Registered	Order Status	Order Number	Delivery Status
Order Complete	PO111111		
Quantity	Unit Cost	Discount	Total Cost
1.000	4,690.00		4,690.00
VAT Registered	Order Status	Order Number	Delivery Status
Order Complete	PO111111		

Type	Description	GL Link Code	Unit	Allowable Price	Line Number	Quantity	Unit Cost	Discount	Total Cost
Safety	Full Medical	P&Gs	Each			1.000	3,140.00		3,140.00
Additional Notes	Supplier Name	Supplier Code	Supplier Contact	Supplier Tele	Yard Transit	VAT Registered	Order Status	Order Number	Delivery Status
plus travelling (for 8 people)	Supplier 1	00001				Order Complete	PO111111		

# Summary

Growing your business requires the right software solutions to ensure good communication between the different software applications. Having a single integrated management information system across your enterprise is a necessity.

## **Business Analysis**

The business analysis must be correct to ensure successful software projects. Whimbrel specialises in identifying business problems while taking into account long term goals.

Whimbrel takes responsibility for identifying changing needs, developing and configuring the software to suit these needs, whilst supporting the business through-out the implementation process.

## **Change Management**

Whimbrel recognises that successful implementation of software solutions can only be achieved through good change management, an emphasis is also placed on improving financial management and control. This ensures that improvements in both productivity and collaboration are achieved.

From the beginning of the project we strive to ensure that all stakeholders are fully engaged. Change is not comfortable for many people; a company's workforce will need both help and an improvement in skills to handle change. The challenge is getting people on board by managing resistance effectively, thereby ensuring the required changes are implemented efficiently.

## **Leadership and Skills Development**

Whimbrel's software services include training and mentoring of key personnel to prepare them for leadership roles within the new software environment.

We will act as a skills development facilitator within the organisation. This includes assisting personnel to develop their core financial and management skills.