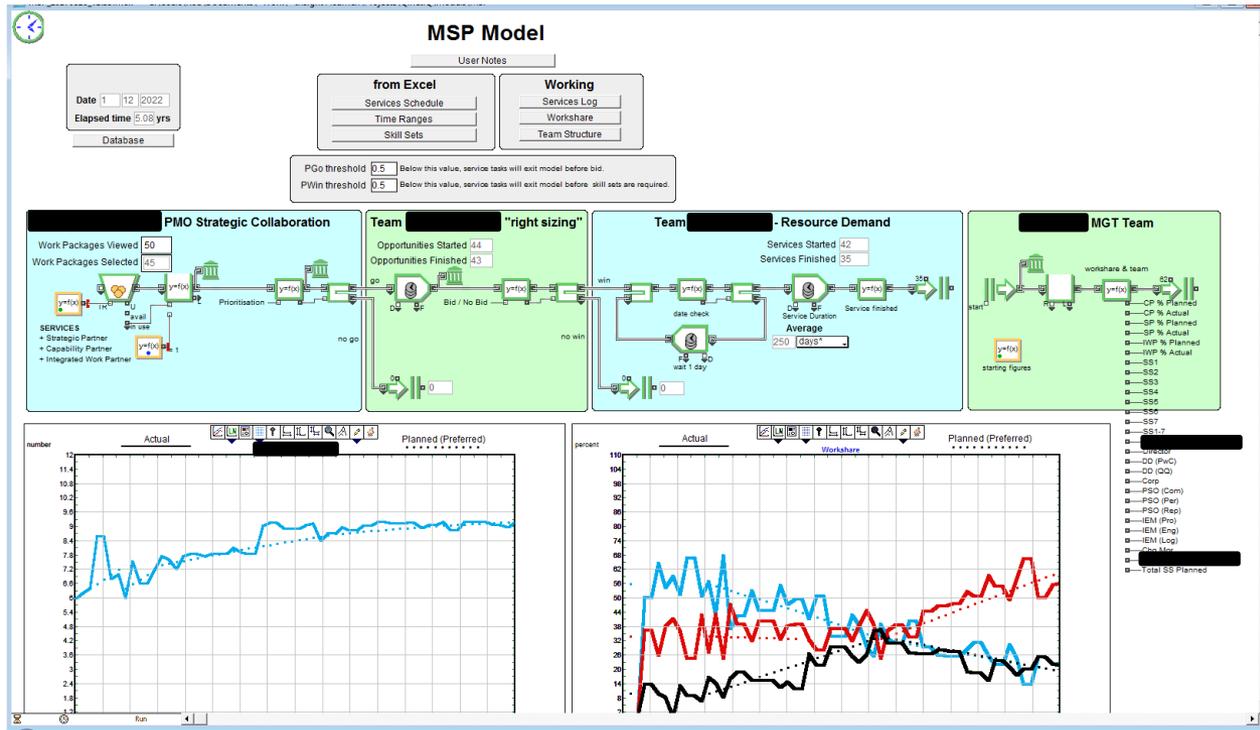




Low complexity, two weeks work

# Management Service Provider Model

## Management Team, Workshare, Skill Sets





# MSP Model

- Set up a Services Schedule

MSP Input - Excel

Robert Browne

Formula Bar: =IF(AND(G2="High",H2=1),Lists\$B\$56,IF(G2="Medium",Lists\$B\$55,IF(G2="Low",Lists\$B\$54,IF(G2="User Defined",0)\*1)))

Task Number	Services Type	Description	Capability Life Cycle	Domain focus	Location	Complexity Type	Default numbers	Pgo	Exact bid start date (Y/N)	Bid start date	Exact bid duration (Y/N)	Bid duration (m)	Pwin	Exact task start date (Y/N)	Task start date	Exact task duration (Y/N)	Task duration (m)	SS / pers on task (Y/N)	Default SS / pers	User defined SS / pers	SS1 (SL1)	SS2 (SL2)	SS3 (SL3)
1	Capability Partner	CP	Acquisition	Air	Brisbane	User Defined	0	1.00	1	Wed 01 Nov 17 08:00	1	1.00	1.00	1	Mon 01 Jan 18 08:00	1	2.50	0	0	11	0	0	0
2	Strategic Partner	SP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Wed 01 Nov 17 08:00	1	1.00	1.00	1	Mon 01 Jan 18 08:00	1	3.00	0	0	8	0	0	0
4	Integrated Work Partner	IWP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Wed 01 Nov 17 08:00	1	1.00	1.00	1	Mon 01 Jan 18 08:00	1	4.00	0	0	3	0	0	0
5	Capability Partner	CP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Sat 16 Dec 17 08:00	1	1.00	1.00	1	Fri 16 Mar 18 08:00	1	8.00	0	0	20	0	0	4
6	Strategic Partner	SP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Tue 30 Jan 18 08:00	1	1.00	1.00	1	Mon 30 Apr 18 08:00	1	6.00	0	0	14	0	0	1
7	Integrated Work Partner	IWP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Fri 16 Mar 18 08:00	1	1.00	1.00	1	Thu 14 Jun 18 08:00	1	5.50	0	0	5	0	0	0
8	Capability Partner	CP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Mon 30 Apr 18 08:00	1	1.00	1.00	1	Sun 29 Jul 18 08:00	1	9.00	0	0	18	0	0	4
9	Strategic Partner	SP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Thu 14 Jun 18 08:00	1	1.00	1.00	1	Wed 12 Sep 18 08:00	1	5.00	0	0	18	0	0	2
10	Integrated Work Partner	IWP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Sun 29 Jul 18 08:00	1	1.00	1.00	1	Sat 27 Oct 18 08:00	1	12.00	0	0	6	0	0	1
11	Capability Partner	CP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Wed 12 Sep 18 08:00	1	1.00	1.00	1	Tue 11 Dec 18 08:00	1	9.00	0	0	32	0	0	4
12	Strategic Partner	SP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Sat 27 Oct 18 08:00	1	1.00	1.00	1	Fri 25 Jan 19 08:00	1	9.00	0	0	46	0	0	8
13	Integrated Work Partner	IWP	Acquisition	Land	Melbourne	User Defined	0	1.00	1	Mon 28 Nov 18 08:00	1	1.00	1.00	1	Fri 25 Jan 19 08:00	1	4.00	0	0	16	0	0	1
14	Capability Partner	CP	Acquisition	Land	Canberra	High	1	1.00	1	Thu 10 Jan 19 08:00	1	1.00	1.00	1	Wed 10 Apr 19 08:00	1	9.00	0	0	80	0	0	4.8
15	Strategic Partner	SP	Acquisition	Land	Canberra	User Defined	0	1.00	1	Sun 24 Feb 19 08:00	1	1.00	1.00	1	Sat 25 May 19 08:00	1	8.00	0	0	22	0	0	5
16	Integrated Work Partner	IWP	Acquisition	Land	Canberra	User Defined	0	1.00	1	Wed 10 Apr 19 08:00	1	1.00	1.00	1	Fri 10 May 19 08:00	1	8.00	0	0	20	0	0	0
17	Capability Partner	CP	Acquisition	Land	Canberra	Medium	1	1.00	1	Sat 25 May 19 08:00	1	1.00	1.00	1	Fri 23 Aug 19 08:00	1	12.00	0	0	40	0	0	2.4
18	Strategic Partner	SP	Acquisition	Land	Canberra	High	1	1.00	1	Tue 09 Jul 19 08:00	1	1.00	1.00	1	Mon 07 Oct 19 08:00	1	12.00	0	0	80	0	0	4.8
19	Integrated Work Partner	IWP	Acquisition	Land	Canberra	User Defined	0	1.00	1	Sat 07 Sep 19 08:00	1	1.00	1.00	1	Fri 06 Dec 19 08:00	1	12.00	0	0	34	0	0	3
20	Capability Partner	CP	Acquisition	Land	Canberra	Medium	1	1.00	1	Tue 22 Oct 19 08:00	1	1.00	1.00	1	Mon 20 Jan 20 08:00	1	9.00	0	0	40	0	0	2.4
21	Strategic Partner	SP	Acquisition	Land	Canberra	High	1	1.00	1	Fri 06 Dec 19 08:00	1	1.00	1.00	1	Thu 05 Mar 20 08:00	1	9.00	0	0	80	0	0	4.8
22	Integrated Work Partner	IWP	Acquisition	Land	Canberra	User Defined	0	1.00	1	Mon 20 Jan 20 08:00	1	1.00	1.00	1	Fri 20 Mar 20 08:00	1	8.00	0	0	36	0	0	5
23	Capability Partner	CP	Acquisition	Land	Canberra	Low	1	1.00	1	Thu 05 Mar 20 08:00	1	1.00	1.00	1	Wed 03 Jun 20 08:00	1	6.00	0	0	15	0	0	0.9
24	Strategic Partner	SP	Acquisition	Business Management	Adelaide	User Defined	0	0.60	1	Sun 19 Apr 20 08:00	1	1.00	1.00	1	Sat 18 Jul 20 08:00	1	5.00	0	0	30	0	0	0
25	Integrated Work Partner	IWP	Acquisition	Joint	Brisbane	Medium	1	1.00	1	Wed 03 Jun 20 08:00	1	1.00	1.00	1	Tue 01 Sep 20 08:00	1	9.00	0	0	40	0	0	2.4
26	Capability Partner	CP	Acquisition	Joint	Brisbane	High	1	1.00	1	Sat 18 Jul 20 08:00	1	1.00	1.00	1	Fri 16 Oct 20 08:00	1	9.00	0	0	80	0	0	4.8
27	Strategic Partner	SP	Acquisition	Joint	Brisbane	User Defined	0	1.00	1	Tue 01 Sep 20 08:00	1	1.00	1.00	1	Mon 30 Nov 20 08:00	1	8.00	0	0	100	0	0	10
28	Integrated Work Partner	IWP	Acquisition	Joint	Brisbane	High	1	1.00	1	Fri 16 Oct 20 08:00	1	1.00	1.00	1	Tue 15 Dec 20 08:00	1	10.00	0	0	80	0	0	4.8
29	Capability Partner	CP	Acquisition	Joint	Brisbane	Medium	1	1.00	1	Mon 30 Nov 20 08:00	1	1.00	1.00	1	Sun 28 Feb 21 08:00	1	12.00	0	0	40	0	0	2.4
30	Strategic Partner	SP	Acquisition	Air	Brisbane	High	1	1.00	1	Thu 14 Jan 21 08:00	1	1.00	1.00	1	Wed 14 Apr 21 08:00	1	10.00	0	0	80	0	0	4.8
31	Integrated Work Partner	IWP	Acquisition	Air	Sydney	User Defined	0	1.00	1	Sun 28 Feb 21 08:00	1	1.00	1.00	1	Thu 29 Apr 21 08:00	1	10.00	0	0	28	0	0	0
32	Capability Partner	CP	Acquisition	Land	Melbourne	User Defined	0	1.00	1	Wed 14 Apr 21 08:00	1	1.00	1.00	1	Sun 13 Jun 21 08:00	1	12.00	0	0	60	0	0	4.8
33	Strategic Partner	SP	Acquisition	Land	Canberra	High	1	1.00	1	Sat 29 May 21 08:00	1	1.00	1.00	1	Fri 27 Aug 21 08:00	1	12.00	0	0	80	0	3	4.8
34	Integrated Work Partner	IWP	Acquisition	Business Management	Adelaide	Medium	1	1.00	1	Tue 13 Jul 21 08:00	1	1.00	1.00	1	Mon 11 Oct 21 08:00	1	9.00	0	0	40	0	0	2.4
35	Capability Partner	CP	Acquisition	Joint	Brisbane	Low	1	1.00	1	Fri 27 Aug 21 08:00	1	1.00	1.00	1	Thu 25 Nov 21 08:00	1	9.00	0	0	15	0	0	0.9
36	Strategic Partner	SP	Acquisition	Joint	Brisbane	High	1	1.00	1	Mon 11 Oct 21 08:00	1	1.00	1.00	1	Sun 09 Jan 22 08:00	1	12.00	0	0	80	0	0	4.8
37	Integrated Work Partner	IWP	Acquisition	Joint	Brisbane	Medium	1	1.00	1	Thu 25 Nov 21 08:00	1	1.00	1.00	1	Wed 22 Feb 22 08:00	1	9.00	0	0	40	0	0	2.4
38	Capability Partner	CP	Acquisition	Joint	Brisbane	Medium	1	1.00	1	Sun 09 Jan 22 08:00	1	1.00	1.00	1	Sat 09 Apr 22 08:00	1	12.00	0	0	80	0	0	2.4
39	Strategic Partner	SP	Acquisition	Joint	Brisbane	High	1	1.00	1	Wed 23 Feb 22 08:00	1	1.00	1.00	1	Tue 24 May 22 08:00	1	12.00	0	0	80	0	0	4.8
40	Integrated Work Partner	IWP	Acquisition	Air	Brisbane	Medium	1	1.00	1	Sat 09 Apr 22 08:00	1	1.00	1.00	1	Fri 08 Jul 22 08:00	1	9.00	0	0	40	0	0	2.4
41	Capability Partner	CP	Acquisition	Air	Sydney	Medium	1	1.00	1	Tue 24 May 22 08:00	1	1.00	1.00	1	Mon 22 Aug 22 08:00	1	12.00	0	0	40	0	0	2.4
42	Strategic Partner	SP	Acquisition	Land	Melbourne	Medium	1	1.00	1	Fri 08 Jul 22 08:00	1	1.00	1.00	1	Thu 06 Oct 22 08:00	1	9.00	0	0	40	0	0	2.4
43	Integrated Work Partner	IWP	Acquisition	Land	Canberra	Low	1	1.00	1	Mon 22 Aug 22 08:00	1	1.00	1.00	1	Sun 20 Nov 22 08:00	1	9.00	0	0	15	0	0	0.9
44	Capability Partner	CP	Acquisition	Business Management	Adelaide	High	1	1.00	1	Thu 06 Oct 22 08:00	1	1.00	1.00	1	Wed 04 Jan 23 08:00	1	9.00	0	0	80	0	0	4.8
45	Strategic Partner	SP	Acquisition	Joint	Brisbane	Medium	1	1.00	1	Sun 20 Nov 22 08:00	1	1.00	1.00	1	Sat 18 Feb 23 08:00	1	12.00	0	0	40	0	0	2.4
46	Integrated Work Partner	IWP	Acquisition	Joint	Brisbane	High	1	1.00	1	Wed 04 Jan 23 08:00	1	1.00	1.00	1	Tue 04 Apr 23 08:00	1	9.00	0	0	80	0	0	4.8

Task Number: T2

Read Me | File Info | Exec Smry | Workshare | PMO Structure | **Services Schedule** | Time Ranges | Services Category Composition | Skill Sets | Other Demand | Labour Rates | Lists | Sheet1

80%

2:32 PM



# MSP Model

- Workshare

MSP Input - Excel

Robert Brownie

Total Skill Sets						
Skill Sets	Day 0	Year 1	Year 2	Year 3	Year 4	Year 5
Total	0	80	200	320	360	400

Workshare Percentages						
Services Type	Day 0	Year 1	Year 2	Year 3	Year 4	Year 5
Capability Partner	0%	56%	45.0%	33%	26.5%	20%
Strategic Partner	0%	34%	33.0%	33%	46.5%	60%
Integrated Work Partner	0%	10%	22.0%	34%	27.0%	20%
check sum	0%	100%	100%	100%	100%	100%

Workshare Total Skill Sets						
Services Type	Day 0	Year 1	Year 2	Year 3	Year 4	Year 5
Capability Partner	0.0	44.8	90.0	105.6	95.4	80.0
Strategic Partner	0.0	27.2	66.0	105.6	167.4	240.0
Integrated Work Partner	0.0	8.0	44.0	108.8	97.2	80.0
check sum	0.0	80.0	200.0	320.0	360.0	400.0

Team Membership Changes						
Role / Function	Day 0	Year 1	Year 2	Year 3	Year 4	Year 5
Director	1.0	1.0	1.0	1.0	1.0	1.0
Deputy Director	1.0	1.0	1.0	1.0	1.0	1.0
Deputy Director	1.0	1.0	1.0	1.0	1.0	1.0
Corporate Support	0.0	0.0	0.0	0.0	0.0	0.0
Program Support Officer (Commercial)	1.0	1.4	2.1	2.7	3.0	3.2
Program Support Officer (Performance)	0.0	1.0	1.0	1.0	1.0	1.0
Program Support Officer (Reporting)	0.0	0.0	0.0	0.0	0.0	0.0
Industry Engagement Manager (Program)	1.0	2.0	2.0	2.0	2.0	2.0
Industry Engagement Manager (Engineering)	0.0	0.0	0.0	0.0	0.0	0.0
Industry Engagement Manager (Logistics)	0.0	0.0	0.0	0.0	0.0	0.0
Change Manager	1.0	0.0	0.0	0.0	0.0	0.0
check sum	6.0	7.4	8.1	8.7	9.0	9.2

Below table is calculated based on information above. Do not insert data directly into the below table - make the changes to the above tables.

Total Workshare														
Date	Total Skill Sets (planned)	CP SS (% planned)	SP (% planned)	IWP (% planned)	CP SS (# planned)	SP (# planned)	IWP (# planned)	PSO Com (# planned)	PSO Per (# planned)	PSO Rep (# planned)	IEM Pro (# planned)	IEM Eng (# planned)	IEM Log (# planned)	Total (PSO + IEM)
01-Nov-17	0.00	0.0%	0.0%	0.0%	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	2.00
01-Dec-17	6.67	56.0%	34.0%	10.0%	3.7	2.3	0.7	1.03	0.08	0.00	1.08	0.00	0.00	2.20

the below are check sums only

Total (% planned)	Total (# planned)	Total (PSO planned)	Total (IEM planned)
0.0%	0.0	1.00	1.00
100.0%	6.7	1.12	1.08

Day 0 = Start  
Interpolated

CP SS (% planned)



# MSP Model

- **Workshare**

MSP Input - Excel

Robert Browne

FILE HOME Extensim DB INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW DEVELOPER

Calibri 11 A A

General Normal Bad Good Neutral Calculation

Check Cell Explanatory... Input Linked Cell Note

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TZ7

Date	Total Skill Sets	CP SS (# planned)	SP SS (# planned)	IWP (# planned)	CP SS (# planned)	SP (# planned)	IWP (# planned)	PSO Com (# planned)	PSO Per (# planned)	PSO Rep (# planned)	DEM Pro (# planned)	DEM Eng (# planned)	DEM Log (# planned)	Total (PSO + DEM)	Total (PSO planned)	Total (DEM planned)
01-Nov-17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00
01-Dec-17	6.67	56.00%	34.00%	30.00%	3.7	2.3	0.7	1.03	0.00	1.00	0.00	0.00	0.00	2.20	0.00	2.20
01-Jan-18	13.33	56.00%	34.00%	30.00%	7.5	4.5	1.5	1.07	0.00	1.00	0.00	0.00	0.00	2.40	0.00	2.40
01-Feb-18	20.00	56.00%	34.00%	30.00%	11.2	6.8	2.0	1.10	0.25	0.00	1.25	0.00	0.00	2.50	0.00	2.50
01-Mar-18	26.67	56.00%	34.00%	30.00%	14.9	9.1	2.7	1.13	0.53	0.00	1.33	0.00	0.00	2.80	0.00	2.80
01-Apr-18	33.33	56.00%	34.00%	30.00%	18.7	11.3	3.3	1.17	0.82	0.00	1.42	0.00	0.00	3.00	0.00	3.00
01-May-18	40.00	56.00%	34.00%	30.00%	22.4	13.6	4.0	1.20	1.00	0.00	1.50	0.00	0.00	3.20	0.00	3.20
01-Jun-18	46.67	56.00%	34.00%	30.00%	26.1	15.9	4.7	1.23	0.88	0.00	1.58	0.00	0.00	3.40	0.00	3.40
01-Jul-18	53.33	56.00%	34.00%	30.00%	29.9	18.2	5.4	1.27	0.83	0.00	1.67	0.00	0.00	3.60	0.00	3.60
01-Aug-18	60.00	56.00%	34.00%	30.00%	33.6	20.4	6.0	1.30	0.75	0.00	1.75	0.00	0.00	3.80	0.00	3.80
01-Sep-18	66.67	56.00%	34.00%	30.00%	37.3	22.7	6.7	1.33	0.83	0.00	1.83	0.00	0.00	4.00	0.00	4.00
01-Oct-18	73.33	56.00%	34.00%	30.00%	41.1	24.9	7.4	1.37	0.92	0.00	1.92	0.00	0.00	4.20	0.00	4.20
01-Nov-18	80.00	56.00%	34.00%	30.00%	44.8	27.2	8.0	1.4	1.0	0.00	2.0	0.00	0.00	4.40	0.00	4.40
01-Dec-18	86.67	56.00%	34.00%	30.00%	48.6	29.4	8.7	1.44	1.00	0.00	2.00	0.00	0.00	4.65	0.00	4.65
01-Jan-19	93.33	56.00%	34.00%	30.00%	52.3	31.7	9.4	1.47	1.00	0.00	2.00	0.00	0.00	4.9	0.00	4.9
01-Feb-19	100.00	53.33%	33.00%	30.00%	56.1	34.0	10.0	1.50	1.00	0.00	2.00	0.00	0.00	5.15	0.00	5.15
01-Mar-19	106.67	53.33%	33.00%	30.00%	59.9	36.3	10.7	1.53	1.00	0.00	2.00	0.00	0.00	5.4	0.00	5.4
01-Apr-19	113.33	53.33%	33.00%	30.00%	63.6	38.6	11.4	1.56	1.00	0.00	2.00	0.00	0.00	5.65	0.00	5.65
01-May-19	120.00	50.00%	33.00%	30.00%	67.4	40.9	12.1	1.59	1.00	0.00	2.00	0.00	0.00	5.9	0.00	5.9
01-Jun-19	126.67	48.67%	33.00%	30.00%	71.2	43.2	12.8	1.62	1.00	0.00	2.00	0.00	0.00	6.15	0.00	6.15
01-Jul-19	133.33	48.67%	33.00%	30.00%	75.0	45.5	13.5	1.65	1.00	0.00	2.00	0.00	0.00	6.4	0.00	6.4
01-Aug-19	140.00	47.83%	33.00%	30.00%	78.7	47.8	14.2	1.68	1.00	0.00	2.00	0.00	0.00	6.65	0.00	6.65
01-Sep-19	146.67	46.67%	33.00%	30.00%	82.5	50.1	14.9	1.71	1.00	0.00	2.00	0.00	0.00	6.9	0.00	6.9
01-Oct-19	153.33	45.83%	33.00%	30.00%	86.3	52.4	15.6	1.74	1.00	0.00	2.00	0.00	0.00	7.15	0.00	7.15
01-Nov-19	160.00	45.00%	33.00%	30.00%	90.0	54.7	16.3	1.77	1.00	0.00	2.00	0.00	0.00	7.4	0.00	7.4
01-Dec-19	166.67	44.17%	33.00%	30.00%	93.8	57.0	17.0	1.80	1.00	0.00	2.00	0.00	0.00	7.65	0.00	7.65
01-Jan-20	173.33	43.33%	33.00%	30.00%	97.6	59.3	17.7	1.83	1.00	0.00	2.00	0.00	0.00	7.9	0.00	7.9
01-Feb-20	180.00	42.50%	33.00%	30.00%	101.4	61.6	18.4	1.86	1.00	0.00	2.00	0.00	0.00	8.15	0.00	8.15
01-Mar-20	186.67	41.67%	33.00%	30.00%	105.2	63.9	19.1	1.89	1.00	0.00	2.00	0.00	0.00	8.4	0.00	8.4
01-Apr-20	193.33	40.83%	33.00%	30.00%	109.0	66.2	19.8	1.92	1.00	0.00	2.00	0.00	0.00	8.65	0.00	8.65
01-May-20	200.00	40.00%	33.00%	30.00%	112.8	68.5	20.5	1.95	1.00	0.00	2.00	0.00	0.00	8.9	0.00	8.9
01-Jun-20	206.67	39.17%	33.00%	30.00%	116.6	70.8	21.2	1.98	1.00	0.00	2.00	0.00	0.00	9.15	0.00	9.15
01-Jul-20	213.33	38.33%	33.00%	30.00%	120.4	73.1	21.9	2.01	1.00	0.00	2.00	0.00	0.00	9.4	0.00	9.4
01-Aug-20	220.00	37.50%	33.00%	30.00%	124.2	75.4	22.6	2.04	1.00	0.00	2.00	0.00	0.00	9.65	0.00	9.65
01-Sep-20	226.67	36.67%	33.00%	30.00%	128.0	77.7	23.3	2.07	1.00	0.00	2.00	0.00	0.00	9.9	0.00	9.9
01-Oct-20	233.33	35.83%	33.00%	30.00%	131.8	80.0	24.0	2.10	1.00	0.00	2.00	0.00	0.00	10.15	0.00	10.15
01-Nov-20	240.00	35.00%	33.00%	30.00%	135.6	82.3	24.7	2.13	1.00	0.00	2.00	0.00	0.00	10.4	0.00	10.4
01-Dec-20	246.67	34.17%	33.00%	30.00%	139.4	84.6	25.4	2.16	1.00	0.00	2.00	0.00	0.00	10.65	0.00	10.65
01-Jan-21	253.33	33.33%	33.00%	30.00%	143.2	86.9	26.1	2.19	1.00	0.00	2.00	0.00	0.00	10.9	0.00	10.9
01-Feb-21	260.00	32.50%	33.00%	30.00%	147.0	89.2	26.8	2.22	1.00	0.00	2.00	0.00	0.00	11.15	0.00	11.15
01-Mar-21	266.67	31.67%	33.00%	30.00%	150.8	91.5	27.5	2.25	1.00	0.00	2.00	0.00	0.00	11.4	0.00	11.4
01-Apr-21	273.33	30.83%	33.00%	30.00%	154.6	93.8	28.2	2.28	1.00	0.00	2.00	0.00	0.00	11.65	0.00	11.65
01-May-21	280.00	30.00%	33.00%	30.00%	158.4	96.1	28.9	2.31	1.00	0.00	2.00	0.00	0.00	11.9	0.00	11.9
01-Jun-21	286.67	29.17%	33.00%	30.00%	162.2	98.4	29.6	2.34	1.00	0.00	2.00	0.00	0.00	12.15	0.00	12.15
01-Jul-21	293.33	28.33%	33.00%	30.00%	166.0	100.7	30.3	2.37	1.00	0.00	2.00	0.00	0.00	12.4	0.00	12.4
01-Aug-21	300.00	27.50%	33.00%	30.00%	169.8	103.0	31.0	2.40	1.00	0.00	2.00	0.00	0.00	12.65	0.00	12.65
01-Sep-21	306.67	26.67%	33.00%	30.00%	173.6	105.3	31.7	2.43	1.00	0.00	2.00	0.00	0.00	12.9	0.00	12.9
01-Oct-21	313.33	25.83%	33.00%	30.00%	177.4	107.6	32.4	2.46	1.00	0.00	2.00	0.00	0.00	13.15	0.00	13.15
01-Nov-21	320.00	25.00%	33.00%	30.00%	181.2	109.9	33.1	2.49	1.00	0.00	2.00	0.00	0.00	13.4	0.00	13.4
01-Dec-21	326.67	24.17%	33.00%	30.00%	185.0	112.2	33.8	2.52	1.00	0.00	2.00	0.00	0.00	13.65	0.00	13.65
01-Jan-22	333.33	23.33%	33.00%	30.00%	188.8	114.5	34.5	2.55	1.00	0.00	2.00	0.00	0.00	13.9	0.00	13.9
01-Feb-22	340.00	22.50%	33.00%	30.00%	192.6	116.8	35.2	2.58	1.00	0.00	2.00	0.00	0.00	14.15	0.00	14.15
01-Mar-22	346.67	21.67%	33.00%	30.00%	196.4	119.1	35.9	2.61	1.00	0.00	2.00	0.00	0.00	14.4	0.00	14.4
01-Apr-22	353.33	20.83%	33.00%	30.00%	200.2	121.4	36.6	2.64	1.00	0.00	2.00	0.00	0.00	14.65	0.00	14.65
01-May-22	360.00	20.00%	33.00%	30.00%	204.0	123.7	37.3	2.67	1.00	0.00	2.00	0.00	0.00	14.9	0.00	14.9
01-Jun-22	366.67	19.17%	33.00%	30.00%	207.8	126.0	38.0	2.70	1.00	0.00	2.00	0.00	0.00	15.15	0.00	15.15
01-Jul-22	373.33	18.33%	33.00%	30.00%	211.6	128.3	38.7	2.73	1.00	0.00	2.00	0.00	0.00	15.4	0.00	15.4
01-Aug-22	380.00	17.50%	33.00%	30.00%	215.4	130.6	39.4	2.76	1.00	0.00	2.00	0.00	0.00	15.65	0.00	15.65
01-Sep-22	386.67	16.67%	33.00%	30.00%	219.2	132.9	40.1	2.79	1.00	0.00	2.00	0.00	0.00	15.9	0.00	15.9
01-Oct-22	393.33	15.83%	33.00%	30.00%	223.0	135.2	40.8	2.82	1.00	0.00	2.00	0.00	0.00	16.15	0.00	16.15
01-Nov-22	400.00	15.00%	33.00%	30.00%	226.8	137.5	41.5	2.85	1.00	0.00	2.00	0.00	0.00	16.4	0.00	16.4
01-Dec-22	406.67	14.17%	33.00%	30.00%	230.6	139.8	42.2	2.88	1.00	0.00	2.00	0.00	0.00	16.65	0.00	16.65

The below are check sums only

Workshare Percentages (Planned)

Workshare Skill Sets

Read Me | File Info | Exec Smry | **Workshare** | PMO Structure | Services Schedule | Time Ranges | Services Category Composition | Skill Sets | Other Demand | Labour Rates | Lists | Sheet1



# MSP Model

- Time Ranges

The screenshot shows an Excel spreadsheet with the following data structure:

Task Number	Description	Bid start date (- months)	Bid start date (+ months)	Bid duration (- months)	Bid duration (+ months)	Bid duration (minimum months)	Bid duration (maximum months)	Task start date (- months)	Task start date (+ months)	Task duration (- months)	Task duration (+ months)	Task duration (minimum months)	Task duration (maximum months)
1	CP	1.00	1.00	1.00	1.00	1.50	2.50	1.00	1.00	1.00	1.00	2.00	4.00
2	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
4	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
5	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
6	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
7	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
8	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
9	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
10	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
11	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
12	SP	1.00	1.00	1.00	1.00	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
13	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
14	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
15	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
16	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
17	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
18	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
19	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
20	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
21	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
22	IWP	1.00	1.00	1.00	1.00	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
23	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
24	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
25	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
26	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
27	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
28	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
29	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
30	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
31	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
32	CP	1.00	1.00	1.00	1.00	1.50	2.50	1.00	1.00	1.00	1.00	2.00	4.00
33	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
34	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
35	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
36	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
37	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
38	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
39	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
40	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
41	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
42	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
43	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
44	CP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00
45	SP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.50	4.00
46	IWP	0.50	0.50	0.50	0.50	1.50	2.50	1.00	1.00	1.00	1.00	2.00	5.00



# MSP Model

- Services Category Composition

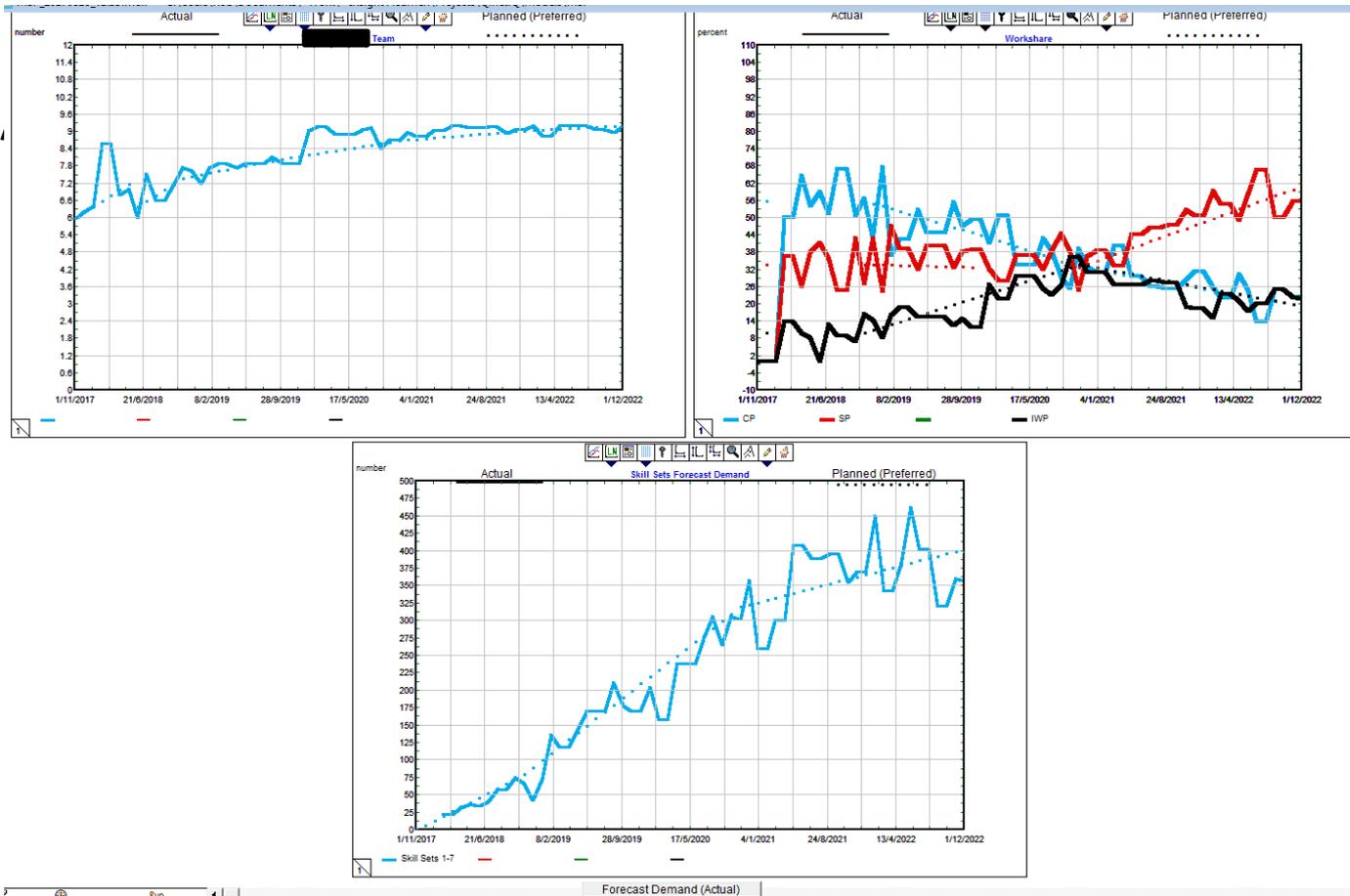
The screenshot shows an Excel spreadsheet with the following data:

Serial	Category	Total (%)	Level 3 (%)	Level 4 (%)	check
1	Program Management Services	10.0%	60.0%	40.0%	100.0%
2	Engineering and Technical Services	30.0%	60.0%	40.0%	100.0%
3	Material Logistics Services	25.0%	60.0%	40.0%	100.0%
4	Commercial Services	15.0%	60.0%	40.0%	100.0%
5	Corporate Performance Services	10.0%	60.0%	40.0%	100.0%
6	Authoring and Writing Services	10.0%	60.0%	40.0%	100.0%
7	Business Development	0.0%	60.0%	40.0%	100.0%
	check sum	100.0%			



# So what?

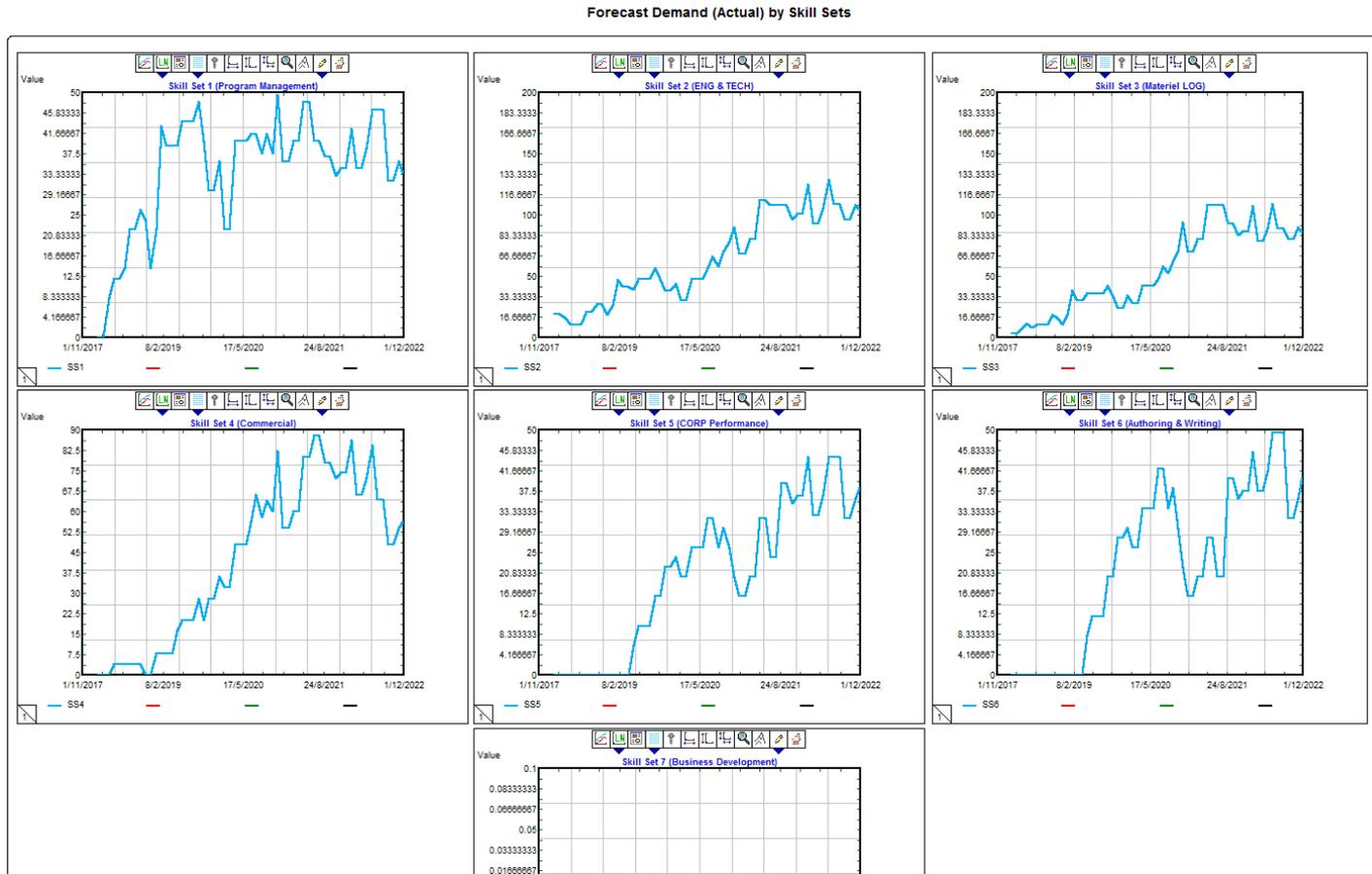
- Test different schedules, workshares, skill sets required, IPT compositions.

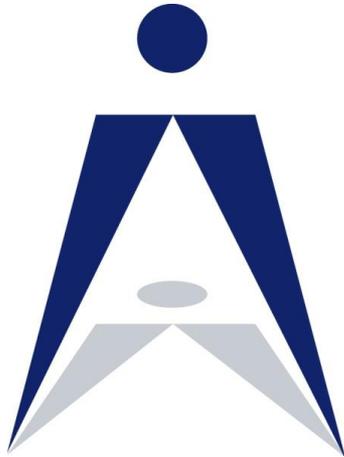




# So what?

- Forecast demand by skill sets





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