

2015

2015

1.	.....	1
1.1	.....	1
1.2	.....	3
1.3	.....	3
2.	.....	4
2.1	.....	4
2.2	.....	5
2.3	.....	5
2.4	.....	6
2.5	.....	6
2.6	.....	7
3.	.....	7
3.1	.....	7
3.2	.....	9
3.3	.....	10
3.4	.....	12
3.5	.....	14
3.6	.....	14
3.7	.....	15
3.8	.....	16
3.9	.....	17
4.	.....	18
4.1	.....	18
4.2	.....	18
4.3	.....	20
4.4	.....	21
4.5	.....	21
5.	.....	23
5.1	.....	23
5.2	.....	24
5.3	.....	24
6.	.....	25
6.1	.....	25
7.		

1.

1.1

55

8

1-1

1-1

1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				

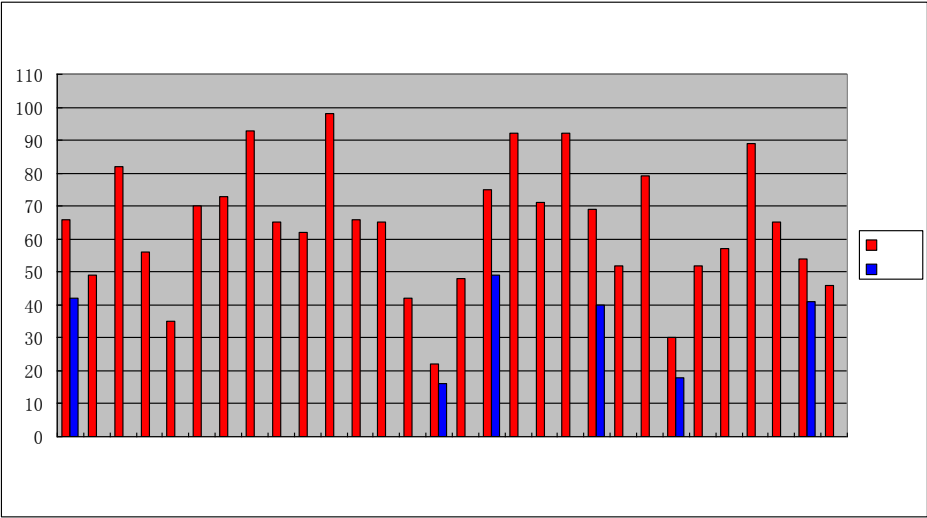
13

18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				

*

1.2

1	/	/		
2016	6		14382	21513
		66.85 %	41.22%	58.78%



1-1 2015

2.

2.1

37

2-1

2-1

Ben Hsiao		

[illegible]

2015

1180

2004 2

27683.7

20.82 1

2.2

2015 2016

90. 6%

17.34

2015 2016

9.73%

45. 42%

44. 85%

2.3

2015

8,771

2-2

2.4

1.

2015

12470

1800

2-3

2-3

m2	67.5	59
m2	18.9	16
m2	12.1	6.5
	29201.04	5,000
%	12.3	10
	53.7	10
	105.9	7
	74.9	80

2.5

1

portal

Portal

IP

IP

IP

IP

500M

1G

3.3G

2

dhu

mail.dhu

2

cas

APP

APP

3

CPU

2

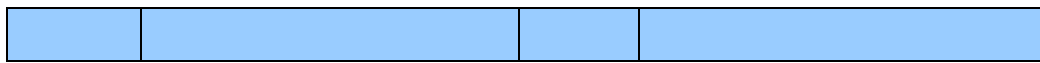
2015

2016 5 55

3-1

3-2

3-1



3.2

2015

8

3-3

3-3 2015

1		
2		
3		
4		
5		
6		
7		
8		

2015

5

3-4

3-4 2015

1		
2		
3		
4		
5		

2015

3

3-5

3-5 2015

1		
2		
3		

2015 2 3-6

3-6 2015

1		
2	MATLAB	

2015 2 3-7

3-7 2015

1	
2	

3.3

15 22 , 257 19

3-8

3-9

3-8

--	--	--	--	--	--

11					
12					
13	3				
14					
15					

3-9

1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17	-		
18			
19			

,

,

3.4

1.

2015 2016 2408

5603

2015 2016 253

3-10

3-10

	2015	2016	2014	2015
	7	13	2	13
	19	20	3	24
	1	3		
	13	17	15	20
	32	38	24	42
	86	137	49	102
	13	22	11	20
	3	3	1	5
	6	10	5	6
	11	11	3	22
	5	5	3	24
	28	305	17	251
	4	4	2	9
	0	0	1	8
	25	32	10	30
	253	620	146	576

2015 2016 1129

2131 , 3-11

3-11

	2015	2016	2014	2015
	60	94	59	94
	125	150	130	150
	74	370	70	370
	104	144	104	121
	1	0		
	192	265	197	265

1

2

3

3.5

2015 2016 30 35.1% 30-60
36.1% 60-90 12.5% 90 16.3%
3-13

3-13

	2015 2016		2014 2015	
30	668	1262	588	1227
30-60	880	1157	838	1237
60-90	119	579	174	533
90	572	366	595	391
	2239	3364	2195	3388
	5603			

3.6

2015 2016 330
82% 142.8 190.69

1.

2015

2190

4

880

940

120

250

2.

2015

270

3.7

2015

3663

756

4.85

198

26.2%

353

46.7%

200

26.5%

5

0.7 %

2014

2014

2015

3-14

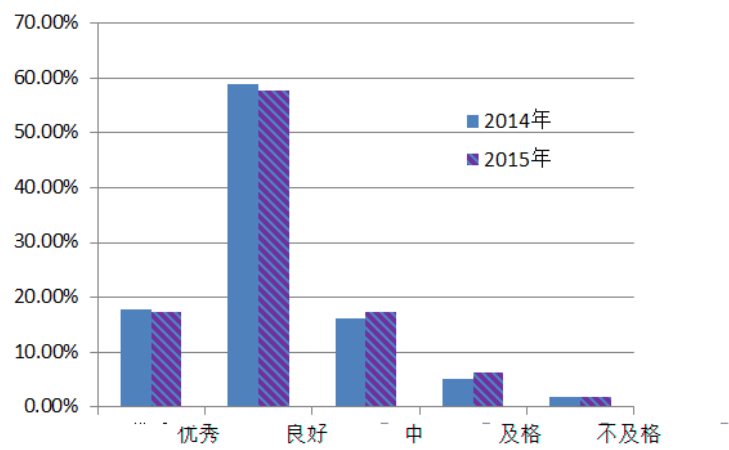
3-1

3-14

2014

2015





3-1 2014 2015

2015

30%

2015

6%

213

78.56

81.90

3.34

3.8

2011 2020

4

3

4

9 90 , 2015 1

20 1

1000

200

26

2016-2017

50

2016

13

3.9

1.

2015 5 , 3

17 5 2

100 135

20 2

3-15 5 13

3-15 2015

1			
2			

2.

	45	18	16
11			
2015			

2015	12	6
------	----	---

4.		
4.1		
2015	93.4	99.1%
9		

4.2		
		=0.1
-5		Y
	K	

P

$$P=\frac{\sum(YK)}{\sum Y}$$

4-1	4-4
-----	-----

4-1 2012a

	0-1	1-2	2-3	3-4	4-5	
	4	16	88	83	6	197
	4	10	46	162	4	226
	10	23	105	210	4	352
	17	32	184	368	10	611
	8	15	128	409	20	580
	12	35	166	118	8	339
	6	34	181	170	8	399
	3	15	68	89	3	178
	2	13	118	150	2	285
	2	5	49	74	2	132
	7	7	84	100	9	207
	11	13	55	87	6	172
	86	218	1272	2020	82	3678

4-2 2013a

	0-1	1-2	2-3	3-4	4-5	
	19	26	67	65	30	207
	4	17	40	163	7	231
	8	21	90	172	22	313
	8	22	138	461	18	647
	8	29	106	318	98	559
	17	60	132	113	10	332
	19	84	164	93	23	383
	10	24	68	67	6	175
	9	35	82	121	43	290
	2	6	39	83	4	134
	8	27	67	91	10	203
	9	24	52	75	11	

4-3 2014a

	0-1	1-2	2-3	3-4	4-5	
	10	41	68	66	6	191
	3	10	69	137	6	225
	5	38	105	130	21	299
		1	13	6		20
	4	22	196	374		

		50	
800	1000		
	2015		10186
96.49%			

4.4

2016	7	3338	
	90.93%	490	
	277		213

4.5

100

7 3

450 6700 3677

5 1500 2

2016 3459 96.04%

2016 739 21.36%

21% 4-6 402

11.62% 11%

4-7

1141 32.98% 5

4-6

		86.67%
		74.19%
		62.96%
		54.55%
	()	44.44%
		44.44%
		43.94%
		40.91%
		40.00%
		37.84%

4-7

	()	29.63%
		28.85%
		28.26%
		25.17%
		24.59%
		22.22%
		20.45%
		20.00%
		20.00%
		19.35%

98%

98%

5.

,

2015

5.1

2015 12

179

2015 12

12

2015

5

8-10

50

12

60

4000

2015

5.2

2015

5.3

2015

2015

2015

2015

1

1

2015

10

2015

10

2015

6.

6.1

2015

2

2015

30

(4)	1			
(5)	1	3	9	
19				
(6)		3		
(7)			1	
(8)			1	1
3				
(9)		8		

7.

7.1

+

7.2

+

+

-

1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		