



6008 42 41 31DE 2403 2405 518034

/Tel: +86 755 8351 5666 /Fax: +86 755 8351 5090

:<http://www.grandall.com.cn>

GLG/SZ/A4478/FY/2022-454

2021

12

12

2022 7 28

2021

2021

2022 8 12

2022 020186

2022 8 30

2022

12

2022 3 31 2022

6 30





.....5

1.....5

3.....17

.....54

.....54

.....54

.....54

.....54

.....54

.....55

.....56

.....56

.....57

.....59

.....63

.....66

.....66

.....66

.....66

.....66

.....66

.....68

.....69

.....69

.....69

.....70

.....71

7

2 3 4 7

3 7

5 6

1

8,500

2

5G

8,500

1.30 /

		1.5 /	1.3
		/	
		1.6 /	1.7
		/	
		1.25 /	1.18
		/	
			1.18-1.7

3

1

A.

B.

C.

2

1

		/
627.7		
648.15		
379.23		
375.94		

2

1			A501-A504	1770.95	
2			B501 B502	856.95	
3			B504	523.41	
4			1 8 12 B806-B808	550	
5			4.1 B3 10 01	1506.45	
6			4.1 B3 9 01	1506.45	
7			599 13 24 2402	115.37	

8

270

2,537.96

270

9.40

2

B3 9

10

11

4,518

9

10

3,012

11

1,506

120

8,500

3

213.19

50

5%

	/		/
	213.19	2,537.96	0.0840
	242.25	8,500.00	0.0285

8,500.00

2,537.96

8,500.00

714

4

2022 6 30 1,225
 390 270
 4,518 3,012
 1506 120
 2,537.96 270

				/
		2,537.96	270	9.40
		1506	120	12.55

			/		
	2020		27,204	10,000	20.00
			24,126	12,000	20.00
			6,000	3,000	20.41
			7,210	3,500	20.00
	2020		50,000	47,100	15.70
	2019		1,818	1,048	10-18
			8,000	2,202	10-18
			45,000	3,254	10-18

			/		
			30,000	3,904	10-18
			6,000	4,200	15.00
		5G	2,500	1,500	15.00

1

2

10-20

15

5

1

-

180

30

1

2

-5G

100

10 1

1 5G

5G

5G

5G

5G

5G

5G

3

5G

5G

5G

6

1

A.

B.

C.

D.

E.

2

3

3,574.76

13,145.89

7,613.63

1,597.18

5,486.04

7,797.35

9.48%

1,000

58% 50%

13

1

12,989.84



11

2,000

1

2

3

4

5

6

7

7

1 2

3 4 5 6 7

1

--	--	--	--	--

1

6				
7				
8				
9				
10				

11				
----	--	--	--	--



12

		(
17)		
18				
19				

2

				m ²	/		
1		2021 0187053		11,188.3	/		
2		X 959075	8 B805	12 1 401.74			

15		4729486	599	13	25	2501	266.2			
16		4729504	599	13	25	2502	115.44			
17		4729503	599	13	25	2503	215.76			
18		4729501	599	13	25	2504	94.38			
19		4729500	599	13	25	2505	94.38			
20		4755765	599	13	25	2506	110.57			
21		4729499	599	13	25	2507	139.71			
22		4729498	599	13	25	2508	263.37			
23		2017 0047298	2			3 101	1,016.15			
24		2017 0047301	2	2		3 201	1,043.13			
25		2017 0047444	2	-1		3 0106	36.51			
26		2017 0047483	2	-1		3 0020	36.51			
27		2017 0048682	2	-1		3 0021	36.51			
28		2017 0047407	2	-1		3 0022	36.51			
29		2017 0047415	2	-1		3 0019	36.51			
30		2017 0047485	2	-1		3 0018	36.51			

31		2017 0047339	2	-1	3 0017	36.51			
32		2017 0047422	2	-1	3 0114	35.05			
33		2017 0047405	2	-1	3 0113	35.05			
34		2017 0047403	2	-1	3 0112	36.51			
35		2017 0047430	2	-1	3 0111	36.51			
36		2017 0047453	2	-1	3 0110	36.51			
37		2017 0047449	2	-1	3 0109	36.51			
38		2017 0047455	2	-1	3 0108	36.51			
39		2017 0047438	2	-1	3 0107	36.51			

1

1

2019 2

14

184,855

138,600

14

9,500

2022 6 30

8854.34

2020 3

2024 12

2025 6

2

2-5

2010 11

3 6 2007 1
4 7-22 2014 6
5 23-39 2016 8

(2019)

(2020 11)

3

1

A.

B.

C.

D.

2

1

1

2

IC

3

4

5

2021 6 30 100%

100% 2021 6 30

6

2021 6 30

3.625%

2

						/
1			026			2019.10.01-2 022.09.12
			2016 2363-056			2013.12.21-2 019.06.30
			B2-2012031 7			2017.06.09-2 022.06.09
2			2016 2944-616			2014.01.14-2 019.07.30
			B2-2012020 9			2017.04.06-2 022.04.06
3			2018 11525-4012			2016.01.14-2 022.01.13
			B2-2017001 9			2018.05.31-2 022.01.03

						/
4			2016 3820-033			2016.8.16-20 19.8.15
			B2-2016004 8			2021.6.29-20 26.6.29

2018 7 30

2019 5 14

[2019]81

3

1

105

54

2019 235

2020 3 27

2020

200046

2021 8 4

2018 1 1 2021 6 30

2 2021 6 30

100%

100%

2021 6 30

			ISBN	
1		[2014]1437	ISBN-978-7-89988-167-5	
2	31	[2015]264	ISBN-978-7-89404-206-4	
3		[2017]5682	ISBN-978-7-7979-8925-1	
4		[2017]9723	ISBN-978-7-498-02624-8	

2021 6 30

4

1 2021 5 24 2021 8 30

2018 1 1 2021 6 30

2019 6 18 2022 6 18

2 2021 8 4

2018 1 1 2021 6 30

2022 8 22

5

1

A.

B.

2019 235

C.

D.

2

3.625%

2021 6

30

100%

100%

2019 5

2021 6

30

2020 6

1

2

1

2

3

2021 6 30

1 2021 6 30

2021 6 30

]2.0 2009SR055338 - [V1.0
2013SR093936
APP [APP]V1.0 2016SR223134
[
]V2.1 2018SR573400

3

1

A.

B.

C.

D.

E.

2

			IDC ISP		
			+ + SAAS		
			PC		
			5G 5G 5G 5G 5G 5G		
			5G+		
			5G+ G 5G	5	

5G



A. 3,710.3253

2020

5 13

B. 2,698.9428

2020 5 13

C.

D.

2

2016 8 27 2016 12 23

100%

100%

2017 2018

2019

4,000

5,000

6,000

15,000

57.89%

42.11%

100%

2022 4 1

3

2019 10 9

2019 10 12

2019 10 28

74,398,354

2016 8 27 2016 12 23

100%

100%

310156 2017 2018
2019 310180 2017 2018
2018

3

2019 10 29

2019 03 4030

2020 3 19

2020 11 5

2019 03

4030

2019

03 4030

9

4

A.

2019 03

4030

10

10

13

4

A.

2021 7 23

2020 03 3159

2018

1,845,538.43

5,000

B.

2022

7 21

5

2021 10

2021 12 1

1

A.

3,000

2019

3820

480,000

2021 9 30 554,880

34,130

			2019	12	31			
B.						2,000		2019
3820							480,000	
	2021	9	30		554,880		34,130	
			2019	12	31			
C.							2,000	
2019			3820					480,000
				2021	9	30	554,880	34,130
					2019	12	31	
D.								
E.								
2								
								2019 12
20			2019			3820		
							2020 7 28	
3								
						2021 11 10		
2021	0203		11583			2021 11 17		
	2021	0203	2119					
4								

2022 5 5

2022 7 29

6

2022 8 25

15,840,528.33

2018

11 29

XZLYS

890

15,840,528.33

2022 9 1

7

1

11

36,454,832.47

1		6000511282	A504	375.94	
2		6000511284	A501	332.16	
3		6000511327	B504	523.41	
4		6000511329	A503	529.55	

5		6000511330	A502	533.30	
6		6000511403	B503	379.23	
7		6000511404	B501	521.89	
8		6000511410	B502	335.06	
9		X 959105	12 1 8 B807	81.60	
10		2015001449	1 4.1 B3 10 01	1,506.45	
11		2015001450	1 4.1 B3 9 01	1,506.45	
				6,625.04	

1-8 2019 9 2 2022 9 1

9-11 2019 9 18 2022 9 17

3,645.48

4.23%

2

1 2 3

1.34

2,000

2.32%

3

13

a.

b.

c.

2

5

1

2,000

6

8

1

A.

B.

C.

2

A.

1

2

2016

100%

1

2017-2019

1.64

			2018	2019	
					2018
2019			1.34		
	2,000				
	2				
6,409.2681					
			2019		8,000
			1	8,000	
	2,000		2019		22,508.52
	60%	13,505.11			40%
9,003.41					14,399.24
	1	2			
2019			8,000		
	1				2,000
		1	2		
	1.34				
	2,000				
2.43%					

B.

3

2016

100%





2021

2021

2021 9 15 2022 9 14

2022 8 19

2022

2022 9 5

2022

2022

2022 6 30

2022 6 30
673,630,150

1		179,497,684	26.65%
2		13,790,191	2.05%
3		2,922,564	0.43%
4		2,130,392	0.32%
5		1,700,081	0.25%
6		1,410,000	0.21%
7		1,403,542	0.21%
8		1,245,500	0.18%
9		1,235,819	0.18%
10		1,190,500	0.18%

2022 6 30
26.65%
28.70%

2022 6 30
2.05%

2022 6 30
2022 6 30

2022

2022

1		0404200989	SURF-HAC V10.1		2020.07.24- 2022.07.24
2		0402201229	SURF-GAP/V10.0 - IPv6		2020.08.24- 2022.08.24
3		0405201093	SURF-SE V1.0		2020.08.09- 2022.08.09

				2022		2019	2020
2021	2022	1-6			99,094.03	87,420.65	
68,978.17		24,613.78				99.47%	99.57%
99.21%	98.81%						

1

				2022		2019
2020	2021	2022	1-6		99,625.58	87,798.92
	69,530.60		24,910.92			

3

2022

2022

2022 1-6
1 /

		2022 1-6
		647,394.12
		730,777.00

		2022 1-6
		6,935,136.67
		650,060.65

2 /

		2022 1-6
		19,463.00

3

			2022 1-6
			94,764.62

4

		2022 1-6
		3,525,774.36

5

1

		2022 6 30	
		6,277,653.64	--

2

		2022 6 30	
		2,170,928.84	
		6,474,977.03	

		5,904,262.85
		4,738.24

2022 1-6

1

2

12

1		wifi	ZL201811589448.6		2018.12.25
2			ZL201911237289.8		2019.12.05
3			ZL201911236573.3		2019.12.05
4			ZL201910941445.2		2019.09.30
5		URL	ZL201810288551.0		2018.04.03
6		FPGA	ZL201810653311.6		2018.06.22
7		URL	ZL201911207570.7		2019.11.29
8			ZL201911312755.4		2019.12.18
9			ZL202110517831.6		2021.05.13
10			ZL201811412144.2		2018.11.25
11			ZL202110596379.7		2021.05.30
12			ZL202010282816.3		2020.04.13

1		V1.0	2021SR1725775	2021.09.30	
2		[SURF-DBF]V10.0	2022SR0527239	2021.05.07	
3		[SURF-DM]V10.0	2022SR0537987	2020.10.18	
4		[SURF-DES]V10.0	2022SR0537986	2020.11.19	
5		[SURF-HAC-DSM]V10.1	2022SR0527267	2020.11.17	
6		[SURF-DLP]V10.0	2022SR0527262	2020.05.23	
7		[SURF-NGSA-V]V10.0	2022SR0527244	2020.01.18	
8		V1.0	2022SR0624562	2021.07.30	
9		DPI V1.0	2022SR0908440	2022.04.01	
10		V1.0	2022SR0811187		

2022 9 1

1	6000511284	A501	2019.09.02-2022.09.01
2	6000511330	A502	2019.09.02-2022.09.01
3	6000511329	A503	2019.09.02-2022.09.01
4	6000511282	A504	2019.09.02-2022.09.01
5	6000511404	B501	2019.09.02-2022.09.01
6	6000511410	B502	2019.09.02-2022.09.01
7	6000511403	B503	2019.09.02-2022.09.01
8	6000511327	B504	2019.09.02-2022.09.01

1

1			B801 ⁶⁸⁷	83.41	2020.09.10-2022.09.09
2		906		45.47	2021.08.26-2022.08.26

3

2

1			169-1 213	140		2022.08.10- 2023.08.09
2			11 704	171.23		2022.09.01- 2023.09.01

3

1			902 903 4 9	436		2021.10.01- 2023.09.30

1

700

1	2022.6.22				36,033,200
2	2022.6.20			V1.0	7,131,930
3	2022.06.08				7,100,000
4	2022.5.16			DRSS V1.0	8,924,995

1	2022.01.12			V2.0	9,148,180
2	2021.11.23			DNS	7,375,327
3	2021.11.23				7,664,624
4	2021.10.20				7,754,964
5	2020.12.07				14,574,000

2

700

1	2022.7.29				7,918,000
2	2022.6.15				7,912,260
3	2022.06.02				15,834,801.6
4	2022.05.17				9,571,503

1	2022.01.05				9,608,357
2	2021.12.30				10,237,800
3	2021.12				8,232,050
4	2021.11.12				24,780,800
5	2021.11.09			+DDoS +DDoS	9,898,528
6	2021.10.22				8,881,800

3

2022

2022	2022	6	30
17,507,774.33			5,340,421.20

2022

2022

2022

2022 1-6

1	2019	714,545.46
2	2019	44,467.80
3	2019	192,000.00
4	- 2018	144,000.00
5	2019 59R	465,517.26
6	2018	159,107.16
7		900,000.00
8	IDC/ISP/ICP	800,000.00
9		130,000.00
10		10,000.00
11		300,000.00
12		200,000.00
13		200,000.00
14		73,231.34
15		15,700.00
16		340,000.64
17		454,914.06
18		5,000.00
19	2022	1,000,000.00

20	2021	107,400.00
21	2022	500,000.00
22	2022	200,000.00
23	2022 06	170,000.00
24	2022	8,000.00
25		23,760.00
26		800,000.00
27		6,382.09

				/		/
1		IT	CCRC-20 19-VP-53 9	SURF V5.0		2019.08.23- 2022.08.22
2			XZ211002 0181111			2018.08.01- 2022.07.31

2019 1 18



1

1

1

100

2022 8 25

15,840,528.33

2018

11 29

XZLYS

890

15,840,528.33

2022 9 1

2

1 2022 9 1

11 8

2

2022 7 29

3

2021 12 9

2021 0656

2022 7 29

2022 01 221

2

2022

5%

5%

(本页无正文, 为
司 2021 年度创业板向特

本法律意见书于 20

国浩律师 (深圳)

负责人: _____

马卓