

## PSD2 – Statistics of interfaces

**Interface name** Web-banking (CCP Connect)      **Period** September 9<sup>th</sup> to December 2<sup>nd</sup>,2019  
**Interface type** E-banking

Day	PSU interface			
	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
09/09/2019	100	0	496	458
10/09/2019	100	0	491	485
11/09/2019	100	0	492	471
12/09/2019	100	0	492	474
13/09/2019	100	0	510	490
14/09/2019	100	0	513	593
15/09/2019	100	0	490	535
16/09/2019	100	0	487	511
17/09/2019	100	0	492	463
18/09/2019	100	0	484	490
19/09/2019	100	0	495	465
20/09/2019	100	0	520	467
21/09/2019	100	0	501	433
22/09/2019	100	0	462	391
23/09/2019	100	0	521	505
24/09/2019	100	0	485	487
25/09/2019	100	0	483	474
26/09/2019	100	0	485	443
27/09/2019	100	0	446	432
28/09/2019	100	0	459	403
29/09/2019	100	0	445	385
30/09/2019	100	0	445	426
01/10/2019	100	0	448	454
02/10/2019	100	0	444	452
03/10/2019	100	0	454	437
04/10/2019	100	0	454	437
05/10/2019	100	0	482	408
06/10/2019	100	0	470	416
07/10/2019	100	0	461	441
08/10/2019	100	0	471	473
09/10/2019	100	0	460	534

PSU interface				
Day	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
10/10/2019	100	0	468	442
11/10/2019	100	0	470	446
12/10/2019	100	0	1339	849
13/10/2019	100	0	3400	2057
14/10/2019	98,61	1,39	645	518
15/10/2019	100	0	444	442
16/10/2019	100	0	462	451
17/10/2019	100	0	451	438
18/10/2019	100	0	460	430
19/10/2019	100	0	467	450
20/10/2019	100	0	454	407
21/10/2019	100	0	471	466
22/10/2019	100	0	443	450
23/10/2019	100	0	443	442
24/10/2019	100	0	440	440
25/10/2019	100	0	461	442
26/10/2019	100	0	468	426
27/10/2019	100	0	456	423
28/10/2019	100	0	461	442
29/10/2019	100	0	489	452
30/10/2019	100	0	446	428
31/10/2019	100	0	462	444
01/11/2019	100	0	495	463
02/11/2019	100	0	490	405
03/11/2019	100	0	478	417
04/11/2019	100	0	469	447
05/11/2019	100	0	583	509
06/11/2019	97,92	2,08	821	775
07/11/2019	100	0	447	505
08/11/2019	100	0	451	434
09/11/2019	100	0	475	435
10/11/2019	100	0	465	421
11/11/2019	100	0	445	424
12/11/2019	100	0	448	507
13/11/2019	100	0	471	459
14/11/2019	100	0	455	451
15/11/2019	100	0	458	449

PSU interface				
Day	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
16/11/2019	100	0	482	434
17/11/2019	100	0	470	424
18/11/2019	100	0	440	437
19/11/2019	100	0	440	462
20/11/2019	100	0	442	433
21/11/2019	100	0	433	434
22/11/2019	100	0	446	441
23/11/2019	100	0	472	429
24/11/2019	100	0	458	414
25/11/2019	100	0	497	498
26/11/2019	100	0	441	433
27/11/2019	100	0	499	482
28/11/2019	100	0	451	469
29/11/2019	100	0	462	442
30/11/2019	100	0	535	488
01/12/2019	100	0	487	478
02/12/2019	97,92	2,08	680	739

**Interface name**      Mobile Banking (CCP Mobile)      **Period**      September 9<sup>th</sup> to December 2<sup>nd</sup>,2019  
**Interface type**      Mobile banking

PSU interface				
Day	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
09/09/2019	100	0	946	515
10/09/2019	100	0	828	386
11/09/2019	100	0	853	389
12/09/2019	100	0	889	419
13/09/2019	100	0	878	393
14/09/2019	100	0	911	450
15/09/2019	100	0	1107	733
16/09/2019	100	0	853	386
17/09/2019	100	0	832	355
18/09/2019	100	0	844	347
19/09/2019	100	0	971	343
20/09/2019	100	0	1089	354
21/09/2019	100	0	899	410
22/09/2019	100	0	849	441
23/09/2019	100	0	822	438
24/09/2019	100	0	762	340
25/09/2019	100	0	743	329
26/09/2019	100	0	629	325
27/09/2019	100	0	652	359
28/09/2019	100	0	774	406
29/09/2019	100	0	979	580
30/09/2019	100	0	713	383
01/10/2019	100	0	667	327
02/10/2019	100	0	672	334
03/10/2019	100	0	747	346
04/10/2019	100	0	777	351
05/10/2019	100	0	865	408
06/10/2019	100	0	1074	616
07/10/2019	100	0	811	385
08/10/2019	100	0	786	356
09/10/2019	100	0	801	370
10/10/2019	100	0	785	349
11/10/2019	100	0	788	343

PSU interface				
Day	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
12/10/2019	100	0	1423	783
13/10/2019	100	0	2931	1879
14/10/2019	98,61	1,39	930	501
15/10/2019	100	0	757	333
16/10/2019	100	0	763	344
17/10/2019	100	0	789	334
18/10/2019	100	0	767	346
19/10/2019	100	0	872	394
20/10/2019	100	0	974	482
21/10/2019	100	0	846	386
22/10/2019	100	0	749	323
23/10/2019	100	0	760	318
24/10/2019	100	0	777	321
25/10/2019	100	0	789	327
26/10/2019	100	0	830	354
27/10/2019	100	0	931	428
28/10/2019	100	0	778	333
29/10/2019	100	0	637	321
30/10/2019	100	0	694	332
31/10/2019	100	0	750	339
01/11/2019	100	0	802	403
02/11/2019	100	0	1116	582
03/11/2019	100	0	1262	719
04/11/2019	100	0	806	397
05/11/2019	100	0	866	400
06/11/2019	97,92	2,08	965	571
07/11/2019	100	0	794	337
08/11/2019	100	0	786	337
09/11/2019	100	0	866	394
10/11/2019	100	0	994	522
11/11/2019	100	0	773	348
12/11/2019	100	0	747	316
13/11/2019	100	0	775	318
14/11/2019	100	0	776	330
15/11/2019	100	0	801	332
16/11/2019	100	0	840	395
17/11/2019	100	0	988	491

PSU interface				
Day	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
18/11/2019	100	0	820	354
19/11/2019	100	0	716	310
20/11/2019	100	0	728	316
21/11/2019	100	0	730	301
22/11/2019	100	0	778	320
23/11/2019	100	0	851	383
24/11/2019	100	0	979	483
25/11/2019	100	0	810	358
26/11/2019	100	0	731	297
27/11/2019	100	0	626	308
28/11/2019	100	0	701	321
29/11/2019	100	0	787	348
30/11/2019	100	0	919	467
01/12/2019	100	0	1091	626
02/12/2019	97,92	2,08	898	518

**Interface name** MultiLine

**Period** September 9<sup>th</sup> to December 2<sup>nd</sup>,2019

**Interface type** E-banking

PSU interface				
Day	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
09/09/2019	97,07	2,93	596 786	128,73
10/09/2019	100	0	392 946	130,888
11/09/2019	100	0	416 949	127,102
12/09/2019	100	0	478 592	131,703
13/09/2019	100	0	480 307	132,791
14/09/2019	97,17	2,83	84 286 285	188,798
15/09/2019	100	0	24 488 010	200,884
16/09/2019	100	0	447 388	129,814
17/09/2019	100	0	399 240	130,728
18/09/2019	100	0	364 536	137,56
19/09/2019	100	0	377 502	134,304
20/09/2019	100	0	553 072	137,215
21/09/2019	97,18	2,82	80 069 320	159,147
22/09/2019	100	0	19 239 162	192,058
23/09/2019	100	0	455 721	139,857
24/09/2019	100	0	540 905	136,184
25/09/2019	100	0	417 747	138,191
26/09/2019	100	0	426 529	149,766
27/09/2019	100	0	607 095	151,548
28/09/2019	97,20	2,80	93 020 152	174,655
29/09/2019	100	0	24 330 433	191,318
30/09/2019	98,61	1,39	521 785	161,68
01/10/2019	93,68	6,32	546 072	143,772
02/10/2019	100	0	514 983	130,95
03/10/2019	100	0	442 655	131,801
04/10/2019	100	0	836 104	138,477
05/10/2019	98,25	1,75	86 516 390	166,424
06/10/2019	57,96	42,04	23 061 681	169,17
07/10/2019	99,65	0,35	432 080	140,498
08/10/2019	97,78	2,22	432 799	134,262
09/10/2019	100	0	510 124	136,548
10/10/2019	100	0	416 607	210,33
11/10/2019	100	0	469 418	141,43

PSU interface				
Day	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
12/10/2019	98,27	1,73	92 002 911	171,855
13/10/2019	100	0	25 533 106	215,04
14/10/2019	100	0	423 970	135,021
15/10/2019	100	0	510 496	139,251
16/10/2019	100	0	434 341	144,064
17/10/2019	100	0	443 502	140,72
18/10/2019	100	0	748 262	148,535
19/10/2019	96,24	3,76	87 003 688	228,047
20/10/2019	100	0	22 663 410	245,478
21/10/2019	100	0	426 197	143,96
22/10/2019	100	0	397 481	141,065
23/10/2019	100	0	427 597	151,622
24/10/2019	100	0	468 514	156,181
25/10/2019	100	0	499 482	158,99
26/10/2019	98,11	1,89	80 092 650	205,861
27/10/2019	100	0	26 321 572	227,767
28/10/2019	88,89	11,11	378 142	161,556
29/10/2019	94,79	5,21	480 772	165,058
30/10/2019	99,13	0,87	397 207	156,763
31/10/2019	100	0	355 886	150,977
01/11/2019	100	0	705 232	177,885
02/11/2019	98,30	1,70	87 650 011	231,601
03/11/2019	100	0	24 181 457	212,19
04/11/2019	96,53	3,47	484 026	164,606
05/11/2019	100	0	427 640	159,203
06/11/2019	100	0	453 769	140,45
07/11/2019	100	0	452 581	152,909
08/11/2019	100	0	1 089 377	176,282
09/11/2019	98,28	1,72	85 605 183	222,81
10/11/2019	100	0	27 562 191	222,282
11/11/2019	100	0	373 310	139,764
12/11/2019	100	0	435 213	169,772
13/11/2019	100	0	394 770	144,755
14/11/2019	100	0	431 431	156,213
15/11/2019	100	0	428 211	149,346
16/11/2019	98,23	1,77	96 941 193	238,019
17/11/2019	100	0	21 355 819	217,019



PSU interface				
Day	Uptime (%)	Downtime (%)	Payment initiation response (ms)	Information request response (ms)
18/11/2019	100	0	405 225	147,784
19/11/2019	100	0	399 212	147,782
20/11/2019	100	0	445 810	138,033
21/11/2019	100	0	384 066	144,57
22/11/2019	100	0	578 892	154,559
23/11/2019	98,39	1,61	83 978 835	200,965
24/11/2019	100	0	19 171 681	255,156
25/11/2019	100	0	421 415	166,174
26/11/2019	100	0	487 033	156,355
27/11/2019	100	0	361 350	163,46
28/11/2019	100	0	413 263	153,704
29/11/2019	100	0	687 363	153,479
30/11/2019	98,37	1,63	87 023 827	187,642
01/12/2019	100	0	22 140 776	180,654
02/12/2019	97,92	2,08	713 232	176,17

**Interface name** PSD2 API (LUXHUB)

**Period** September 9<sup>th</sup> to December 2<sup>nd</sup>,2019

**Interface type** PSD2 Dedicated interface

Dedicated interface						
Day	Uptime (%)	Downtime (%)	PISP response (ms)	AISP response (ms)	CBPII response (ms)	Error response rate (%)
09/09/2019	100	0	0	0	0	0
10/09/2019	100	0	0	0	0	0
11/09/2019	100	0	0	0	0	0
12/09/2019	100	0	0	0	0	10,526
13/09/2019	100	0	0	0	0	0
14/09/2019	100	0	0	0	0	0
15/09/2019	100	0	0	0	0	0
16/09/2019	100	0	0	0	0	0
17/09/2019	100	0	0	0	0	20
18/09/2019	100	0	0	0	0	0
19/09/2019	100	0	0	1318	0	2,439
20/09/2019	100	0	0	1346	0	5,556
21/09/2019	100	0	0	0	0	0
22/09/2019	100	0	0	0	0	0
23/09/2019	100	0	0	0	0	0
24/09/2019	100	0	0	0	0	0
25/09/2019	100	0	0	0	0	0
26/09/2019	100	0	0	0	0	0
27/09/2019	100	0	0	0	0	0
28/09/2019	100	0	0	0	0	0
29/09/2019	100	0	0	0	0	0
30/09/2019	100	0	0	0	0	0
01/10/2019	100	0	0	1804	0	0
02/10/2019	100	0	0	1086	0	0
03/10/2019	100	0	0	839,5	0	0
04/10/2019	100	0	0	1004	0	0
05/10/2019	100	0	0	0	0	0
06/10/2019	100	0	0	0	0	0
07/10/2019	100	0	0	1087,667	0	0
08/10/2019	100	0	0	0	0	33,333
09/10/2019	100	0	0	1264,8	0	2,778
10/10/2019	100	0	0	1132	0	0
11/10/2019	100	0	0	1105,167	0	0

Dedicated interface						
Day	Uptime (%)	Downtime (%)	PISP response (ms)	AISP response (ms)	CBPII response (ms)	Error response rate (%)
12/10/2019	100	0	0	0	0	0
13/10/2019	100	0	0	0	0	0
14/10/2019	100	0	0	940	0	0
15/10/2019	100	0	0	1221,125	0	0
16/10/2019	100	0	0	951,5	0	0
17/10/2019	100	0	0	1265	0	0
18/10/2019	100	0	0	1507,8	0	6,25
19/10/2019	100	0	0	2009	0	0
20/10/2019	100	0	0	1866	0	0
21/10/2019	100	0	0	1719,947	0	0
22/10/2019	100	0	0	1539,222	0	0
23/10/2019	100	0	0	1307,333	0	0
24/10/2019	100	0	0	1205,19	0	0
25/10/2019	100	0	0	1402,957	0	0
26/10/2019	100	0	0	1694	0	0
27/10/2019	100	0	0	1744,5	0	0
28/10/2019	100	0	0	1222,829	0	0
29/10/2019	100	0	0	1537,1	0	0
30/10/2019	100	0	0	1372,85	0	11,806
31/10/2019	100	0	0	1277	0	7,299
01/11/2019	100	0	0	0	0	0
02/11/2019	100	0	0	0	0	0
03/11/2019	100	0	0	0	0	0
04/11/2019	100	0	0	1144,689	0	0,993
05/11/2019	100	0	0	1159,747	0	0,597
06/11/2019	100	0	0	1622,221	0	1,73
07/11/2019	100	0	0	1037,347	0	2,419
08/11/2019	100	0	0	1081,99	0	0,543
09/11/2019	100	0	0	1119,491	0	1,22
10/11/2019	100	0	0	1140,315	0	1,587
11/11/2019	100	0	0	1137,35	0	0,575
12/11/2019	100	0	0	1092,869	0	0,518
13/11/2019	100	0	0	1061,457	0	1,59
14/11/2019	100	0	0	1136,595	0	0,248
15/11/2019	100	0	0	1243,462	0	1,402
16/11/2019	100	0	0	1169,333	0	0
17/11/2019	100	0	0	1161,745	0	1,55

Dedicated interface						
Day	Uptime (%)	Downtime (%)	PISP response (ms)	AISP response (ms)	CBPII response (ms)	Error response rate (%)
18/11/2019	100	0	0	1168,383	0	0,938
19/11/2019	100	0	0	1137,921	0	0,419
20/11/2019	100	0	0	1080,505	0	0,753
21/11/2019	100	0	0	1016,83	0	0,133
22/11/2019	100	0	0	1164,774	0	0
23/11/2019	100	0	0	1330,73	0	0
24/11/2019	100	0	0	1321,159	0	0
25/11/2019	100	0	0	975,628	0	0
26/11/2019	100	0	0	1045,127	0	0,042
27/11/2019	100	0	0	1069,027	0	0,107
28/11/2019	100	0	0	1059,108	1645	0,128
29/11/2019	100	0	0	1048,355	0	0,022
30/11/2019	100	0	0	1070,248	0	0,152
01/12/2019	100	0	0	1103,097	0	0,021
02/12/2019	100	0	0	1114,564	0	0,023