

Deutsche Bank

Payment Services Directive 2

DE | Deutsche Bank AG | Postbank

KPI & Statistics

## Dedicated Interface

	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
October 1	703	793	747	100%	100%	100%
October 2	686	768	758	100%	100%	100%
October 3	744	828	800	100%	100%	100%
October 4	875	987	874	100%	100%	100%
October 5	835	936	1002	100%	100%	100%
October 6	836	945	855	100%	100%	100%
October 7	787	886	939	100%	100%	100%
October 8	914	995	1313	100%	100%	100%
October 9	820	914	1045	100%	100%	100%
October 10	1001	1088	1498	100%	100%	100%
October 11	4277	1049	1308	100%	100%	100%
October 12	965	1060	1348	100%	100%	100%
October 13	954	1039	1332	100%	100%	100%
October 14	948	1039	1252	100%	100%	100%
October 15	881	955	1136	100%	100%	100%
October 16	775	866	946	100%	100%	100%
October 17	930	1026	1296	100%	100%	100%
October 18	935	1033	1128	100%	100%	100%
October 19	978	1076	1164	100%	100%	100%
October 20	1696	1646	1501	100%	100%	100%
October 21	938	1029	1131	100%	100%	100%
October 22	823	896	1250	100%	100%	100%
October 23	717	797	791	100%	100%	100%
October 24	862	942	1124	100%	100%	100%
October 25	814	908	1080	100%	100%	100%
October 26	812	900	1004	100%	100%	100%
October 27	900	993	1126	100%	100%	100%
October 28	897	975	1053	100%	100%	100%
October 29	757	823	1004	100%	100%	100%
October 30	658	745	714	100%	100%	100%
October 31	906	1007	1070	100%	100%	100%

All figures are shown as a monthly average time (in milliseconds) resp. percentage (in %) value.

Find more information on our KPIs here: <https://www.deutsche-bank.de/pk/lp/xs2a/psd2-statistics.standalone.html>

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	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
November 1	867	2476	976	100%	100%	100%
November 2	917	1034	1052	100%	100%	100%
November 3	955	1068	1144	100%	100%	100%
November 4	998	1120	1136	100%	100%	100%
November 5	896	1003	1119	100%	100%	100%
November 6	689	795	849	100%	100%	100%
November 7	939	1049	1166	100%	100%	100%
November 8	957	1078	1115	100%	100%	100%
November 9	951	1063	1095	100%	100%	100%
November 10	1041	1153	1328	100%	100%	100%
November 11	1124	1218	1335	100%	100%	100%
November 12	826	912	1068	98%	98%	98%
November 13	680	774	868	100%	100%	100%
November 14	929	1034	1145	100%	100%	100%
November 15	956	1063	1076	100%	100%	100%
November 16	1012	1120	1171	100%	100%	100%
November 17	943	1041	1041	100%	100%	100%
November 18	990	1317	1140	100%	100%	100%
November 19	803	942	896	100%	100%	100%
November 20	699	799	788	100%	100%	100%
November 21	937	1051	1081	99%	99%	99%
November 22	985	1102	1137	100%	100%	100%
November 23	961	1069	1119	100%	100%	100%
November 24	1004	1115	1251	100%	100%	100%
November 25	931	2737	1180	100%	100%	100%
November 26	851	925	1102	100%	100%	100%
November 27	690	783	844	100%	100%	100%
November 28	1110	1222	1359	100%	100%	100%
November 29	1085	1197	1264	100%	100%	100%
November 30	1068	2043	1216	100%	100%	100%

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	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
December 1	1213	1353	1392	100%	100%	100%
December 2	1112	1251	1304	100%	100%	100%
December 3	886	998	1162	100%	100%	100%
December 4	719	874	828	100%	100%	100%
December 5	943	1089	1201	100%	100%	100%
December 6	1439	1468	1578	98%	98%	98%
December 7	1052	3848	1232	100%	100%	100%
December 8	987	1124	1200	100%	100%	100%
December 9	1085	1219	1212	100%	100%	100%
December 10	982	1075	1179	100%	100%	100%
December 11	838	938	936	100%	100%	100%
December 12	1086	1200	1256	100%	100%	100%
December 13	1113	1224	1257	100%	100%	100%
December 14	1202	2323	1327	100%	100%	100%
December 15	1143	1263	1287	100%	100%	100%
December 16	3552	3418	4395	100%	100%	100%
December 17	1585	1543	71356	97%	97%	97%
December 18	897	1000	1037	100%	100%	100%
December 19	1166	1290	1297	100%	100%	100%
December 20	1220	1357	1281	100%	100%	100%
December 21	1231	1368	1284	100%	100%	100%
December 22	1202	1331	1298	100%	100%	100%
December 23	1177	1303	1301	100%	100%	100%
December 24	1074	1187	1133	100%	100%	100%
December 25	903	1004	1072	100%	100%	100%
December 26	906	1015	1116	100%	100%	100%
December 27	1236	1370	1354	100%	100%	100%
December 28	1359	1512	1345	100%	100%	100%
December 29	1284	1424	1301	100%	100%	100%
December 30	1233	1361	1398	100%	100%	100%
December 31	2526	1540	162	100%	100%	100%

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## KPI &amp; Statistics

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
October 1	1300	1259	1422	99%		
October 2	1251	1185	1363	99%		
October 3	1279	1182	1365	99%		
October 4	1363	1342	1464	99%		
October 5	1346	1309	1447	99%		
October 6	1385	1304	1442	99%		
October 7	1316	1299	1437	99%		
October 8	1343	1259	1437	99%		
October 9	1270	1172	1363	99%		
October 10	1384	1293	1449	99%		
October 11	1328	1280	1437	99%		
October 12	1299	1279	1434	99%		
October 13	1318	1270	1439	99%		
October 14	1318	1288	1439	99%		
October 15	1323	1232	1409	99%		
October 16	1299	1177	1365	99%		
October 17	1459	1294	1441	99%		
October 18	1492	1299	1445	99%		
October 19	1403	1282	1441	99%		
October 20	1378	1287	1439	99%		
October 21	1434	1285	1436	99%		
October 22	1343	1258	1424	99%		
October 23	1299	1182	1369	99%		
October 24	1369	1294	1443	99%		
October 25	1396	1295	1440	99%		
October 26	1334	1284	1443	99%		
October 27	1329	1294	1447	99%		
October 28	1264	1273	1447	99%		
October 29	1301	1248	1419	99%		
October 30	1242	1212	1377	99%		
October 31	1339	1287	1438	99%		

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
November 1	1380	1282	1425	99%		
November 2	1543	1319	1450	99%		
November 3	1487	1300	1439	99%		
November 4	1464	1320	1452	99%		
November 5	1428	1312	1451	99%		
November 6	1249	1193	1370	99%		
November 7	1408	1316	1450	99%		
November 8	1388	1312	1453	99%		
November 9	1369	1289	1441	99%		
November 10	1346	1290	1442	99%		
November 11	1357	1287	1446	99%		
November 12	1341	1279	1437	99%		
November 13	1255	1186	1372	99%		
November 14	1365	1302	1441	99%		
November 15	1454	1302	1441	99%		
November 16	1395	1317	1454	99%		
November 17	1434	1294	1448	99%		
November 18	1337	1296	1451	99%		
November 19	1318	1263	1437	99%		
November 20	1272	1197	1395	99%		
November 21	1381	1312	1454	99%		
November 22	1389	1296	1445	99%		
November 23	1391	1319	1460	99%		
November 24	1352	1315	1468	99%		
November 25	1318	1293	1459	99%		
November 26	1331	1260	1443	99%		
November 27	1265	1183	1381	99%		
November 28	1317	1306	1462	99%		
November 29	1331	1298	1457	99%		
November 30	1325	1303	1463	99%		

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
December 1	1335	1336	1469	99%		
December 2	1392	1389	1532	99%		
December 3	1341	1288	1459	99%		
December 4	1325	1424	1471	99%		
December 5	1383	1530	1520	99%		
December 6	1351	1513	1473	99%		
December 7	1342	1472	1461	99%		
December 8	1404	1484	1469	99%		
December 9	1359	1476	1454	99%		
December 10	1339	1325	1427	99%		
December 11	1304	1196	1383	99%		
December 12	1518	1330	1466	99%		
December 13	1395	1331	1457	99%		
December 14	1454	1322	1461	99%		
December 15	1373	1351	1479	99%		
December 16	1352	1342	1465	99%		
December 17	1387	1275	1429	99%		
December 18	1319	1212	1386	99%		
December 19	1449	1369	1482	99%		
December 20	1480	1364	1476	99%		
December 21	1426	1332	1466	99%		
December 22	1426	1344	1472	99%		
December 23	1332	1328	1457	99%		
December 24	1336	1297	1451	99%		
December 25	1292	1260	1400	99%		
December 26	1290	1248	1392	99%		
December 27	1340	1381	1470	99%		
December 28	1350	1337	1454	99%		
December 29	1327	1337	1457	99%		
December 30	1362	1356	1457	99%		
December 31	800	800	900	100%		

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### Annex: Non comparability of client channel functionality

The latest NISP - NextGenPSD2 Implementation Support Program - introduced a method to enhance the comparability of API services and client channel applications within their Compliance paper v1.4.

This has been implemented for this region as some formatting e.g. on IBANs and other payment data are performed in the related online / mobile channels already in the frontend. Those checks are included on the middleware of the API channel which lead to a systematic uncomparability between online / mobile and API channels in the chosen performance measurement approach.

Therefore it has been introduced as best practice to add the measured performance of the online channels additional time blocks which is equivalent to the medium performance of the checks in the API channel, to make the overall performance figures comparable. Several random tests considering different users and accounts have been carried out, resulting in the following average load times which were added to the KPIs shown in the previous page:

#### Online Channel

AIS Bal: 800 ms

AIS Tra: 800 ms

PIS Single: 900 ms

#### Mobile Channel

AIS Bal: 800 ms

AIS Tra: 800 ms

PIS Single: 900 ms