

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)
July 1	1483	1746	2469	100%	100%	100%
July 2	1006	1141	1296	100%	100%	100%
July 3	803	916	876	100%	100%	100%
July 4	1320	1565	1917	100%	100%	100%
July 5	1327	1578	2420	100%	100%	100%
July 6	1410	1710	2450	100%	100%	100%
July 7	1362	1601	2370	100%	100%	100%
July 8	1344	1588	2184	100%	100%	100%
July 9	917	1045	1000	100%	100%	100%
July 10	764	870	843	100%	100%	100%
July 11	1357	1609	1860	100%	100%	100%
July 12	1345	1548	1980	100%	100%	100%
July 13	1526	1750	2269	100%	100%	100%
July 14	1393	1489	1645	100%	100%	100%
July 15	1191	1375	1800	90%	90%	90%
July 16	847	929	1102	95%	95%	95%
July 17	1000	1157	1254	98%	98%	98%
July 18	922	1022	1098	95%	95%	95%
July 19	964	1046	1293	95%	95%	95%
July 20	996	1055	1144	95%	95%	95%
July 21	1393	1431	1996	98%	98%	98%
July 22	791	889	902	95%	95%	95%
July 23	745	836	1070	95%	95%	95%
July 24	874	970	1287	95%	95%	95%
July 25	944	1036	1252	95%	95%	95%
July 26	912	1001	1003	95%	95%	95%
July 27	850	951	1179	95%	95%	95%
July 28	854	928	1171	95%	95%	95%
July 29	902	996	1159	95%	95%	95%
July 30	741	839	992	95%	95%	95%
July 31	787	886	992	95%	95%	95%

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

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	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
August 1	909	1012	1194	95%	95%	95%
August 2	872	990	1111	95%	95%	95%
August 3	850	941	1052	95%	95%	95%
August 4	848	961	1152	95%	95%	95%
August 5	894	3708	1135	95%	95%	95%
August 6	779	886	911	95%	95%	95%
August 7	788	892	1020	95%	95%	95%
August 8	975	1081	1260	95%	95%	95%
August 9	891	997	1181	95%	95%	95%
August 10	947	1059	1301	95%	95%	95%
August 11	1010	1094	1137	95%	95%	95%
August 12	1108	1720	1588	95%	95%	95%
August 13	900	1058	1303	95%	95%	95%
August 14	1467	1624	1734	95%	95%	95%
August 15	1262	1469	1963	95%	95%	95%
August 16	1691	1907	2109	95%	95%	95%
August 17	1716	2113	1954	99%	99%	99%
August 18	1882	1945	2116	95%	95%	95%
August 19	1740	1909	2304	95%	95%	95%
August 20	1978	2032	2183	95%	95%	95%
August 21	2155	2242	1474	95%	95%	95%
August 22	2040	1981	2168	95%	95%	95%
August 23	1885	2062	1957	95%	95%	95%
August 24	1864	2006	2283	95%	95%	95%
August 25	1884	1925	2539	95%	95%	95%
August 26	1768	1806	1912	95%	95%	95%
August 27	1238	1314	1525	95%	95%	95%
August 28	1376	1483	1473	95%	95%	95%
August 29	1476	1529	1957	95%	95%	95%
August 30	1342	1472	1789	95%	95%	95%
August 31	1228	1272	1463	95%	95%	95%

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	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
September 1	1290	1395	1964	95%	95%	95%
September 2	1194	1275	1232	95%	95%	95%
September 3	821	906	841	95%	95%	95%
September 4	692	784	770	95%	95%	95%
September 5	1199	1249	1013	95%	95%	95%
September 6	4533	1652	830	95%	95%	95%
September 7	772	867	852	95%	95%	95%
September 8	793	886	962	95%	95%	95%
September 9	1000	1026	1339	95%	95%	95%
September 10	3106	3056	5069	100%	100%	100%
September 11	2904	2773	4776	100%	100%	100%
September 12	4341	4021	7585	100%	100%	100%
September 13	3209	3158	5580	100%	100%	100%
September 14	902	970	1167	100%	100%	100%
September 15	1038	1092	1023	100%	100%	100%
September 16	831	910	920	100%	100%	100%
September 17	744	825	925	100%	100%	100%
September 18	730	818	803	100%	100%	100%
September 19	856	949	955	100%	100%	100%
September 20	853	946	880	100%	100%	100%
September 21	792	900	816	100%	100%	100%
September 22	775	1823	837	100%	100%	100%
September 23	768	859	819	100%	100%	100%
September 24	736	823	814	100%	100%	100%
September 25	722	800	814	100%	100%	100%
September 26	869	945	1021	100%	100%	100%
September 27	836	914	977	100%	100%	100%
September 28	813	897	844	100%	100%	100%
September 29	833	918	933	100%	100%	100%
September 30	835	921	890	100%	100%	100%

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## KPI &amp; Statistics

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
July 1	1389	1409	1452	99%		
July 2	1328	1362	1436	99%		
July 3	1265	1183	1379	99%		
July 4	1629	1272	1439	99%		
July 5	1390	1310	1468	99%		
July 6	1393	1325	1483	99%		
July 7	1305	1267	1441	99%		
July 8	1417	1296	1459	99%		
July 9	1345	1253	1446	99%		
July 10	1243	1148	1370	99%		
July 11	1477	1258	1431	99%		
July 12	1413	1315	1463	99%		
July 13	1383	1259	1439	99%		
July 14	1290	1242	1449	99%		
July 15	1374	1315	1473	99%		
July 16	1325	1230	1424	99%		
July 17	1264	1165	1374	99%		
July 18	1346	1265	1440	99%		
July 19	1312	1254	1435	99%		
July 20	1500	1276	1455	99%		
July 21	1411	1236	1430	99%		
July 22	1411	1278	1452	99%		
July 23	1346	1226	1436	99%		
July 24	1269	1160	1376	99%		
July 25	1383	1249	1432	99%		
July 26	1437	1282	1449	99%		
July 27	1395	1263	1446	99%		
July 28	1361	1249	1431	99%		
July 29	1340	1259	1452	99%		
July 30	1293	1211	1415	99%		
July 31	1247	1156	1364	99%		

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
August 1	1328	1278	1446	99%		
August 2	1366	1262	1437	99%		
August 3	1327	1251	1425	99%		
August 4	1297	1257	1433	99%		
August 5	1340	1259	1432	99%		
August 6	1330	1246	1433	99%		
August 7	1263	1164	1373	99%		
August 8	1375	1272	1448	99%		
August 9	1448	1258	1432	99%		
August 10	1353	1256	1437	99%		
August 11	1456	1245	1433	99%		
August 12	1387	1238	1430	99%		
August 13	1333	1226	1429	99%		
August 14	1270	1156	1374	99%		
August 15	1411	1242	1428	99%		
August 16	1392	1248	1434	99%		
August 17	1347	1251	1440	99%		
August 18	1342	1237	1435	99%		
August 19	1335	1246	1435	99%		
August 20	1338	1226	1433	99%		
August 21	1301	1179	1382	99%		
August 22	1350	1263	1434	99%		
August 23	1434	1276	1437	99%		
August 24	1387	1273	1444	99%		
August 25	1375	1269	1441	99%		
August 26	1330	1263	1441	99%		
August 27	1344	1263	1450	99%		
August 28	1311	1212	1384	99%		
August 29	1414	1284	1454	99%		
August 30	1355	1293	1436	99%		
August 31	1344	1306	1453	99%		

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
September 1	1323	1292	1434	99%		
September 2	1301	1280	1426	99%		
September 3	1346	1296	1440	99%		
September 4	1273	1198	1372	99%		
September 5	1499	1303	1458	99%		
September 6	1397	1299	1436	99%		
September 7	1373	1296	1433	99%		
September 8	1420	1290	1438	99%		
September 9	1453	1278	1434	99%		
September 10	1328	1238	1411	99%		
September 11	1284	1183	1370	99%		
September 12	1430	1284	1434	99%		
September 13	1416	1289	1439	99%		
September 14	1338	1299	1439	99%		
September 15	1360	1274	1433	99%		
September 16	1332	1278	1429	99%		
September 17	1334	1249	1412	99%		
September 18	1287	1184	1368	99%		
September 19	1453	1292	1438	99%		
September 20	1411	1291	1442	99%		
September 21	1395	1285	1445	99%		
September 22	1409	1287	1445	99%		
September 23	1320	1279	1432	99%		
September 24	1313	1246	1421	99%		
September 25	1786	1182	1389	99%		
September 26	1307	1294	1455	99%		
September 27	1316	1293	1448	99%		
September 28	1288	1285	1441	99%		
September 29	1442	1282	1438	99%		
September 30	1468	1311	1494	99%		

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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