

Deutsche Bank

Payment Services Directive 2

DE | norisbank GmbH | Noris

KPI & Statistics

## Dedicated Interface

	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
April 1	2138	1284	1902	100%	100%	100%
April 2	1795	952	1851	100%	100%	100%
April 3	1551	785	741	100%	100%	100%
April 4	1679	912	986	100%	100%	100%
April 5	2348	1513	1999	100%	100%	100%
April 6	1799	950	962	100%	100%	100%
April 7	1814	981	1278	100%	100%	100%
April 8	2004	1083	1846	100%	100%	100%
April 9	1626	821	838	100%	100%	100%
April 10	1554	758	770	100%	100%	100%
April 11	1623	826	846	100%	100%	100%
April 12	1658	825	838	100%	100%	100%
April 13	1651	850	925	100%	100%	100%
April 14	1710	892	1055	100%	100%	100%
April 15	1555	799	842	100%	100%	100%
April 16	1539	797	765	100%	100%	100%
April 17	1556	797	798	100%	100%	100%
April 18	1526	750	790	100%	100%	100%
April 19	1621	869	802	100%	100%	100%
April 20	1757	986	934	100%	100%	100%
April 21	1930	1377	845	100%	100%	100%
April 22	2099	1301	854	100%	100%	100%
April 23	2141	1371	670	100%	100%	100%
April 24	2054	1265	727	100%	100%	100%
April 25	1645	842	830	100%	100%	100%
April 26	1649	850	961	100%	100%	100%
April 27	1687	876	941	100%	100%	100%
April 28	1604	896	1120	100%	100%	100%
April 29	1697	904	1001	100%	100%	100%
April 30	1594	833	1031	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)
May 1	1527	752	689	100%	100%	100%
May 2	1625	870	893	100%	100%	100%
May 3	1994	1175	1580	100%	100%	100%
May 4	1664	877	1023	100%	100%	100%
May 5	1649	875	898	100%	100%	100%
May 6	1748	925	1087	100%	100%	100%
May 7	1556	831	801	100%	100%	100%
May 8	1519	774	690	100%	100%	100%
May 9	1616	816	738	100%	100%	100%
May 10	1696	970	1099	100%	100%	100%
May 11	1618	846	831	100%	100%	100%
May 12	1657	847	896	100%	100%	100%
May 13	2197	1272	1205	100%	100%	100%
May 14	1694	902	817	100%	100%	100%
May 15	1560	839	795	100%	100%	100%
May 16	1596	830	755	100%	100%	100%
May 17	1603	843	744	100%	100%	100%
May 18	1599	819	712	100%	100%	100%
May 19	1577	826	800	100%	100%	100%
May 20	1583	832	707	100%	100%	100%
May 21	1537	771	692	100%	100%	100%
May 22	1565	735	1058	100%	100%	100%
May 23	1592	840	776	100%	100%	100%
May 24	1577	793	1063	100%	100%	100%
May 25	1622	862	740	100%	100%	100%
May 26	1550	760	709	100%	100%	100%
May 27	1613	803	718	100%	100%	100%
May 28	1537	727	763	100%	100%	100%
May 29	1505	754	681	100%	100%	100%
May 30	1757	919	1139	100%	100%	100%
May 31	2306	1213	1725	100%	100%	100%

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	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)
June 1	2342	1393	1947	100%	100%	100%
June 2	2161	1167	1486	100%	100%	100%
June 3	1812	980	1011	100%	100%	100%
June 4	1602	786	754	100%	100%	100%
June 5	1598	804	775	100%	100%	100%
June 6	1590	795	796	100%	100%	100%
June 7	1706	966	958	100%	100%	100%
June 8	2167	1267	1983	100%	100%	100%
June 9	1896	1100	913	100%	100%	100%
June 10	1980	1034	1578	100%	100%	100%
June 11	1588	829	731	100%	100%	100%
June 12	1541	762	665	100%	100%	100%
June 13	1752	934	849	100%	100%	100%
June 14	2444	1370	2396	100%	100%	100%
June 15	2020	1176	1255	100%	100%	100%
June 16	1750	878	761	100%	100%	100%
June 17	1644	851	847	100%	100%	100%
June 18	1720	989	1225	100%	100%	100%
June 19	1687	925	1846	100%	100%	100%
June 20	1756	981	875	100%	100%	100%
June 21	1849	1020	1016	100%	100%	100%
June 22	1765	915	980	100%	100%	100%
June 23	1770	890	1060	100%	100%	100%
June 24	1683	836	844	100%	100%	100%
June 25	1610	833	753	100%	100%	100%
June 26	1638	801	831	100%	100%	100%
June 27	2023	1160	1280	100%	100%	100%
June 28	3243	1752	2409	100%	100%	100%
June 29	2527	1390	2650	100%	100%	100%
June 30	2320	1240	2176	100%	100%	100%

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## KPI &amp; Statistics

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
April 1	1895	2686	1408	100%		
April 2	1512	1090	2389	100%		
April 3	1959	1749	1941	100%		
April 4	1925	2794	2908	100%		
April 5	2871	1855	2668	100%		
April 6	1097	2518	2727	100%		
April 7	2562	2648	1167	100%		
April 8	1517	2926	2078	100%		
April 9	1374	1774	2194	100%		
April 10	2633	1173	2538	100%		
April 11	1166	2121	2184	100%		
April 12	2527	1979	2694	100%		
April 13	2784	1058	2620	100%		
April 14	1784	1570	1784	100%		
April 15	2177	2503	2315	100%		
April 16	1417	2368	1439	100%		
April 17	2799	1300	1280	100%		
April 18	2052	2014	2977	100%		
April 19	1689	2616	1522	100%		
April 20	1666	2880	1011	100%		
April 21	1009	1985	1436	100%		
April 22	2592	1463	2150	100%		
April 23	1128	1804	1820	100%		
April 24	2432	2725	1276	100%		
April 25	2408	2677	1331	100%		
April 26	1702	1062	2340	100%		
April 27	1673	1972	1410	100%		
April 28	2669	2653	1771	100%		
April 29	1483	2437	1454	100%		
April 30	2088	2565	1912	100%		

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
May 1	2465	2987	2960	100%		
May 2	2657	1432	2357	100%		
May 3	1262	1171	2320	100%		
May 4	2336	2592	2407	100%		
May 5	1621	1654	1280	100%		
May 6	2730	2090	2223	100%		
May 7	2520	1058	1232	100%		
May 8	2955	1612	1560	100%		
May 9	1243	1018	2610	100%		
May 10	1590	2573	2534	100%		
May 11	2410	2311	2798	100%		
May 12	1038	1621	2856	100%		
May 13	2052	2955	1920	100%		
May 14	1823	1941	2811	100%		
May 15	1010	2382	2535	100%		
May 16	2924	2806	1345	100%		
May 17	1824	2205	2956	100%		
May 18	2012	2259	2947	100%		
May 19	2024	2231	2937	100%		
May 20	1998	2275	2950	100%		
May 21	1941	2222	2997	100%		
May 22	1941	2196	2946	100%		
May 23	2074	2390	3227	100%		
May 24	2084	2319	2976	100%		
May 25	2048	2204	2949	100%		
May 26	1913	2086	2911	100%		
May 27	1927	2133	2947	100%		
May 28	1918	2103	2966	100%		
May 29	1920	2135	2951	100%		
May 30	2109	2495	3007	100%		
May 31	2071	2321	3005	100%		

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## KPI &amp; Statistics

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## Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
June 1	2069	2400	3006	100%		
June 2	2031	2331	2978	100%		
June 3	2039	2270	2999	100%		
June 4	1925	2071	2981	100%		
June 5	1912	2087	2901	99%		
June 6	1913	2085	2918	100%		
June 7	1989	2220	2969	100%		
June 8	1968	2165	2943	100%		
June 9	2058	2193	2944	100%		
June 10	2009	2255	3138	100%		
June 11	1909	2075	2967	100%		
June 12	1908	2070	2903	100%		
June 13	1960	2128	2949	100%		
June 14	1966	2157	2960	100%		
June 15	2008	2205	2955	100%		
June 16	1926	2091	2921	100%		
June 17	1927	2127	2935	100%		
June 18	1945	2172	2993	100%		
June 19	2007	2113	2938	100%		
June 20	2025	2262	2974	100%		
June 21	1999	2274	2972	100%		
June 22	2000	2157	2950	100%		
June 23	1993	2227	2954	100%		
June 24	1993	2217	2946	100%		
June 25	1916	2100	2955	100%		
June 26	1930	2113	2924	100%		
June 27	2042	2344	2999	100%		
June 28	2078	2343	2922	100%		
June 29	2056	2326	3014	100%		
June 30	1972	2138	2993	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: 1794 ms

AIS Tra: 1949 ms

PIS Single: 2738 ms

#### Mobile Channel

AIS Bal: 2684 ms

AIS Tra: 2717 ms

PIS Single: 1404 ms