

Deutsche Bank

Payment Services Directive 2

DE | Deutsche Bank AG | DB

KPI & Statistics

Dedicated Interface

	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)	Error rate
1-Jul	4927	697	629	100%	100%	100%	0.01
2-Jul	1210	680	617	100%	100%	100%	0.01
3-Jul	2773	2161	1524	100%	100%	100%	0.01
4-Jul	1346	748	699	100%	100%	100%	0.02
5-Jul	1273	732	645	100%	100%	100%	0.12
6-Jul	1298	704	642	100%	100%	100%	0.00
7-Jul	1285	713	636	100%	100%	100%	0.03
8-Jul	1241	720	594	100%	100%	100%	0.04
9-Jul	1239	727	585	100%	100%	100%	0.08
10-Jul	1393	776	680	100%	100%	100%	0.00
11-Jul	1351	731	658	100%	100%	100%	0.00
12-Jul	1432	812	724	100%	100%	100%	0.00
13-Jul	2241	710	650	100%	100%	100%	0.09
14-Jul	1287	696	665	100%	100%	100%	0.00
15-Jul	1243	1187	606	100%	100%	100%	0.03
16-Jul	1662	687	568	97%	97%	97%	0.01
17-Jul	3000	753	716	100%	100%	100%	0.13
18-Jul	1274	706	657	100%	100%	100%	0.00
19-Jul	1242	668	618	100%	100%	100%	0.01
20-Jul	1253	665	616	100%	100%	100%	0.01
21-Jul	1262	649	626	100%	100%	100%	0.01
22-Jul	1213	638	592	100%	100%	100%	0.02
23-Jul	1480	646	572	100%	100%	100%	0.01
24-Jul	1298	655	623	100%	100%	100%	0.00
25-Jul	1245	619	604	99%	99%	99%	0.02
26-Jul	1467	839	770	100%	100%	100%	0.22
27-Jul	1324	692	658	100%	100%	100%	0.01
28-Jul	1311	729	645	100%	100%	100%	0.04
29-Jul	1616	708	641	100%	100%	100%	0.01
30-Jul	1373	691	632	100%	100%	100%	0.10
31-Jul	1324	885	651	100%	100%	100%	0.02

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KPI & Statistics

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	AIS Bal	AIS	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)	Error rate
1-Aug	1716	672	607	100%	100%	100%	0.01
2-Aug	1918	763	717	100%	100%	100%	0.01
3-Aug	1280	862	640	100%	100%	100%	0.01
4-Aug	1405	695	610	100%	100%	100%	0.00
5-Aug	1956	709	658	100%	100%	100%	0.00
6-Aug	1303	682	638	100%	100%	100%	0.01
7-Aug	1260	730	620	100%	100%	100%	0.01
8-Aug	1483	661	598	100%	100%	100%	0.01
9-Aug	1493	689	655	100%	100%	100%	0.00
10-Aug	1246	706	612	98%	98%	98%	0.02
11-Aug	1451	727	651	100%	100%	100%	0.01
12-Aug	1526	685	646	100%	100%	100%	0.03
13-Aug	1286	677	629	100%	100%	100%	0.07
14-Aug	1447	759	677	100%	100%	100%	0.00
15-Aug	1393	681	629	100%	100%	100%	0.00
16-Aug	1376	768	650	100%	100%	100%	0.00
17-Aug	1526	695	620	100%	100%	100%	0.05
18-Aug	1580	727	666	100%	100%	100%	0.01
19-Aug	1377	811	646	100%	100%	100%	0.05
20-Aug	1469	681	616	100%	100%	100%	0.00
21-Aug	1774	743	684	99%	99%	99%	0.01
22-Aug	1325	742	636	100%	100%	100%	0.01
23-Aug	1347	731	627	100%	100%	100%	0.01
24-Aug	1655	688	625	99%	99%	99%	0.01
25-Aug	1459	699	653	100%	100%	100%	0.05
26-Aug	1294	749	626	100%	100%	100%	0.10
27-Aug	1468	690	622	100%	100%	100%	0.00
28-Aug	1598	706	662	100%	100%	100%	0.02
29-Aug	1286	708	626	100%	100%	100%	0.00
30-Aug	1415	739	652	100%	100%	100%	0.01
31-Aug	1525	685	634	100%	100%	100%	0.04

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Dedicated Interface

	AIS Bal	AIS Tra	PIS Single	Up (AIS)	Up (PIS)	Up (PIIS)	Error rate
1-Sep	1374	715	644	100%	100%	100%	0.01
2-Sep	1423	734	641	100%	100%	100%	0.00
3-Sep	1480	699	639	100%	100%	100%	0.00
4-Sep	1450	761	653	100%	100%	100%	0.01
5-Sep	1427	695	620	100%	100%	100%	0.01
6-Sep	1590	736	667	100%	100%	100%	0.01
7-Sep	1409	746	638	100%	100%	100%	0.01
8-Sep	1397	709	629	100%	100%	100%	0.01
9-Sep	1617	722	650	100%	100%	100%	0.01
10-Sep	1422	713	643	100%	100%	100%	0.01
11-Sep	1364	747	635	100%	100%	100%	0.00
12-Sep	1517	691	622	100%	100%	100%	0.01
13-Sep	1549	714	661	100%	100%	100%	0.01
14-Sep	1330	734	630	100%	100%	100%	0.01
15-Sep	1426	712	634	100%	100%	100%	0.01
16-Sep	1580	704	649	100%	100%	100%	0.02
17-Sep	1360	712	638	100%	100%	100%	0.01
18-Sep	1400	740	643	100%	100%	100%	0.01
19-Sep	1507	692	632	100%	100%	100%	0.01
20-Sep	1457	730	653	100%	100%	100%	0.01
21-Sep	1393	721	631	100%	100%	100%	0.02
22-Sep	1499	716	647	100%	100%	100%	0.03
23-Sep	1480	737	647	97%	97%	97%	1.18
24-Sep	1395	705	629	100%	100%	100%	0.03
25-Sep	1536	733	653	100%	100%	100%	0.01
26-Sep	1446	717	638	100%	100%	100%	0.08
27-Sep	1406	729	639	98%	98%	98%	0.01
28-Sep	1509	711	634	100%	100%	100%	0.01
29-Sep	1490	714	650	100%	100%	100%	0.01
30-Sep	1391	739	637	99%	99%	99%	0.00

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Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
July 1	2297	2775	3026	100%		
July 2	2223	2674	2938	100%		
July 3	2620	3289	3318	100%		
July 4	2407	2912	3070	100%		
July 5	2357	2854	3032	100%		
July 6	2398	2947	3019	100%		
July 7	2276	2611	2989	100%		
July 8	2243	2540	2984	100%		
July 9	2209	2563	2923	100%		
July 10	2312	2713	3013	100%		
July 11	2287	2678	3008	100%		
July 12	2586	2715	3007	100%		
July 13	2420	2615	2977	100%		
July 14	2380	2777	2992	100%		
July 15	2332	2589	2992	100%		
July 16	2219	2518	2921	100%		
July 17	2276	2722	2995	100%		
July 18	2252	2725	2981	100%		
July 19	2531	2881	2977	100%		
July 20	2481	2709	2967	100%		
July 21	2468	2644	2956	100%		
July 22	2584	2903	3005	100%		
July 23	2418	2610	2916	100%		
July 24	2549	2767	2984	100%		
July 25	2479	2647	2989	100%		
July 26	2482	2662	3000	100%		
July 27	2548	2793	3020	100%		
July 28	2819	3058	3007	100%		
July 29	2440	2534	3003	100%		
July 30	2428	2592	2918	100%		
July 31	2871	3211	3171	100%		

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KPI & Statistics

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Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
August 1	2714	2985	3161	100%		
August 2	2550	2897	3004	100%		
August 3	2480	2833	2975	100%		
August 4	2445	2713	2961	100%		
August 5	2351	2647	2999	100%		
August 6	2307	2673	2925	100%		
August 7	2433	2777	2982	100%		
August 8	2408	2676	2968	100%		
August 9	2474	2863	2977	100%		
August 10	2379	2704	2950	100%		
August 11	2463	2774	2960	100%		
August 12	2337	2599	2967	100%		
August 13	2328	2723	2913	100%		
August 14	2404	2781	2970	100%		
August 15	2388	2784	2968	100%		
August 16	2404	2806	2953	100%		
August 17	2426	2799	3002	100%		
August 18	2399	2771	2954	100%		
August 19	2376	2831	3008	100%		
August 20	2291	2576	2914	100%		
August 21	2514	2895	2990	100%		
August 22	2350	2685	2955	100%		
August 23	2396	2653	2952	100%		
August 24	2550	2807	2991	100%		
August 25	2383	2612	2953	100%		
August 26	2348	2722	3144	100%		
August 27	2323	2736	3028	100%		
August 28	2653	3025	3149	100%		
August 29	2553	2863	3137	100%		
August 30	2624	2979	3025	100%		
August 31	2494	2762	2997	100%		

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KPI & Statistics

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Online Channel

	AIS Bal	AIS Tra	PIS Single	Up		
September 1	2422	2721	2980	100%		
September 2	2313	2610	2983	100%		
September 3	2302	2616	2907	100%		
September 4	2448	2771	2990	100%		
September 5	2417	2730	2978	100%		
September 6	2384	2667	2955	100%		
September 7	2521	2863	2978	100%		
September 8	2337	2645	2948	100%		
September 9	2329	2642	2971	100%		
September 10	2313	2770	2909	100%		
September 11	2450	2931	2990	100%		
September 12	2427	2825	2994	100%		
September 13	2382	2815	2959	100%		
September 14	2361	2786	2959	100%		
September 15	2397	2795	2952	100%		
September 16	2336	2628	2992	100%		
September 17	2388	2634	2913	100%		
September 18	2463	2800	2962	100%		
September 19	2357	2667	2959	100%		
September 20	2371	2625	2950	100%		
September 21	2554	2921	2983	100%		
September 22	2348	2711	2935	100%		
September 23	2530	2757	3271	100%		
September 24	2614	2737	3009	100%		
September 25	2412	2785	2978	100%		
September 26	2419	2789	2987	100%		
September 27	2421	2768	2981	100%		
September 28	2469	2881	2996	100%		
September 29	2487	2833	3000	100%		
September 30	2356	2661	2991	100%		

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KPI & Statistics

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Mobile Channel

	AIS Bal	AIS Tra	PIS Single	Up		
July 1	2782	2857	1614	100%		
July 2	2816	2821	1546	100%		
July 3	3170	3094	1760	100%		
July 4	2806	2933	1651	100%		
July 5	2719	2809	1612	100%		
July 6	2797	2866	1582	100%		
July 7	2792	2857	1734	100%		
July 8	2819	2844	2388	100%		
July 9	2874	2833	1526	100%		
July 10	2943	2925	1597	100%		
July 11	2892	2871	1607	100%		
July 12	2980	2863	1569	100%		
July 13	2892	2860	1572	100%		
July 14	2873	2854	1553	100%		
July 15	2871	2841	1597	100%		
July 16	2861	2818	1538	100%		
July 17	2973	2874	1582	100%		
July 18	2932	2860	1589	100%		
July 19	2893	2851	1563	100%		
July 20	2959	2849	1554	100%		
July 21	2876	2845	1567	100%		
July 22	2879	2840	1600	100%		
July 23	2713	2818	1521	100%		
July 24	2914	2882	1590	100%		
July 25	2882	2873	1583	100%		
July 26	2922	2868	1572	100%		
July 27	2919	2892	1633	100%		
July 28	2872	2900	1599	100%		
July 29	2817	2865	1602	100%		
July 30	2812	2839	1536	100%		
July 31	2791	3101	1734	100%		

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KPI & Statistics

DE | Deutsche Bank AG | DB

Mobile Channel

	AIS Bal	AIS Tra	PIS Single	Up		
August 1	3183	2941	1644	100%		
August 2	2827	2905	1598	100%		
August 3	2864	2889	1572	100%		
August 4	2867	2875	1575	100%		
August 5	2817	2865	1602	100%		
August 6	2809	2842	1546	100%		
August 7	2868	2888	1588	100%		
August 8	2816	2885	1580	100%		
August 9	2832	2880	1582	100%		
August 10	2855	2876	1571	100%		
August 11	2815	2875	1568	100%		
August 12	2817	2858	1589	100%		
August 13	2811	2844	1535	100%		
August 14	2823	2892	1586	100%		
August 15	2812	2891	1583	100%		
August 16	2916	2881	1570	100%		
August 17	2822	2872	1588	100%		
August 18	2821	2870	1567	100%		
August 19	2807	2871	1608	100%		
August 20	2822	2831	1529	100%		
August 21	2829	2870	1571	100%		
August 22	2819	2866	1574	100%		
August 23	2819	2864	1577	100%		
August 24	2841	2861	1579	100%		
August 25	2826	2858	1562	100%		
August 26	3423	2840	1798	100%		
August 27	2958	2802	1785	100%		
August 28	3617	3047	1975	100%		
August 29	3487	3002	1895	100%		
August 30	3198	2877	1730	100%		
August 31	3222	2895	1721	100%		

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KPI & Statistics

DE | Deutsche Bank AG | DB

Mobile Channel

	AIS Bal	AIS Tra	PIS Single	Up		
September 1	3201	2872	1705	100%		
September 2	3169	2827	1701	100%		
September 3	3180	2805	1647	100%		
September 4	2941	2971	1710	100%		
September 5	3203	2862	1703	100%		
September 6	3032	2845	1622	100%		
September 7	2830	2836	1555	100%		
September 8	2849	2831	1574	100%		
September 9	2809	2819	1582	100%		
September 10	2810	2820	1533	100%		
September 11	2861	2873	1592	100%		
September 12	2826	2843	1574	100%		
September 13	2803	2835	1579	100%		
September 14	2827	2837	1586	100%		
September 15	2836	2836	1569	100%		
September 16	2806	2823	1601	100%		
September 17	2810	2803	1540	100%		
September 18	2850	2847	1599	100%		
September 19	2813	2849	1598	100%		
September 20	2819	2841	1579	100%		
September 21	2817	2829	1577	100%		
September 22	2822	2825	1560	100%		
September 23	3002	2829	1586	100%		
September 24	2834	2976	1540	100%		
September 25	2821	2855	1565	100%		
September 26	2800	2853	1603	100%		
September 27	2919	2959	1575	100%		
September 28	2801	2904	1599	100%		
September 29	2719	2885	1609	100%		
September 30	2799	2837	1594	100%		

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KPI & Statistics

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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