

Q1 2023 TARGOBANK Report

Day	Availability Comparison (%)			Performance Comparison (ms)					
	Error Rate XS2A	Availability XS2A	Availability OLB / APP	Performance AIS XS2A	Performance AIS OLB	Performance AIS APP	Performance PIS XS2A	Performance PIS OLB	Performance PIS APP
01.01.2023	0,49%	99,85%	100,00%	1,465	n.a.	n.a.	5,453	n.a.	n.a.
02.01.2023	0,42%	99,92%	99,54%	1,641	n.a.	n.a.	6,086	n.a.	n.a.
03.01.2023	0,69%	99,53%	99,57%	1,602	n.a.	n.a.	5,835	n.a.	n.a.
04.01.2023	0,79%	99,62%	99,56%	1,551	n.a.	n.a.	5,380	n.a.	n.a.
05.01.2023	0,71%	99,92%	99,57%	1,557	n.a.	n.a.	5,662	n.a.	n.a.
06.01.2023	0,73%	100,00%	99,58%	1,537	n.a.	n.a.	5,588	n.a.	n.a.
07.01.2023	0,53%	100,00%	99,56%	1,487	n.a.	n.a.	5,456	n.a.	n.a.
08.01.2023	0,19%	99,92%	100,00%	1,459	n.a.	n.a.	5,288	n.a.	n.a.
09.01.2023	1,52%	100,00%	100,00%	1,926	n.a.	n.a.	7,033	n.a.	n.a.
10.01.2023	2,54%	99,76%	96,72%	3,271	n.a.	n.a.	10,790	n.a.	n.a.
11.01.2023	1,05%	99,71%	97,65%	2,342	n.a.	n.a.	8,508	n.a.	n.a.
12.01.2023	0,86%	100,00%	99,57%	1,725	n.a.	n.a.	6,110	n.a.	n.a.
13.01.2023	0,84%	100,00%	99,56%	1,767	n.a.	n.a.	6,526	n.a.	n.a.
14.01.2023	n.a.	100,00%	99,56%	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15.01.2023	n.a.	14,97%	100,00%	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
16.01.2023	0,10%	67,21%	100,00%	1,737	n.a.	n.a.	6,395	n.a.	n.a.
17.01.2023	0,24%	99,62%	100,00%	1,736	n.a.	n.a.	6,316	n.a.	n.a.
18.01.2023	0,20%	100,00%	100,00%	1,709	n.a.	n.a.	6,410	n.a.	n.a.
19.01.2023	0,42%	100,00%	100,00%	1,732	n.a.	n.a.	6,374	n.a.	n.a.
20.01.2023	0,38%	99,92%	99,55%	1,719	n.a.	n.a.	7,014	n.a.	n.a.
21.01.2023	0,08%	100,00%	99,56%	1,651	n.a.	n.a.	7,026	n.a.	n.a.
22.01.2023	0,15%	97,89%	98,06%	1,926	n.a.	n.a.	7,120	n.a.	n.a.
23.01.2023	0,61%	99,77%	100,00%	1,777	3,977	2,770	7,045	7,007	6,750
24.01.2023	0,25%	99,53%	97,66%	2,155	4,346	3,087	8,277	7,467	7,359
25.01.2023	0,36%	99,69%	99,56%	1,813	4,050	2,734	6,494	7,101	6,711
26.01.2023	0,53%	99,53%	100,00%	1,879	3,973	2,668	6,545	6,989	6,583
27.01.2023	0,37%	100,00%	99,57%	1,778	4,065	2,715	6,710	7,112	6,691
28.01.2023	0,27%	100,00%	99,57%	1,636	3,842	2,485	6,364	6,679	6,190
29.01.2023	0,14%	99,85%	100,00%	1,617	3,751	2,444	7,067	6,520	6,084
30.01.2023	0,22%	99,72%	100,00%	2,022	4,360	2,988	7,057	7,485	7,292
31.01.2023	0,36%	99,26%	100,00%	2,135	4,436	3,014	7,173	7,628	7,360
01.02.2023	0,38%	98,32%	99,65%	2,808	4,268	2,936	7,884	7,441	7,144
02.02.2023	0,75%	99,46%	100,00%	1,820	4,174	2,760	6,910	7,240	6,831
03.02.2023	0,85%	99,54%	99,77%	1,780	4,099	2,720	6,914	7,131	6,757
04.02.2023	0,90%	100,00%	100,00%	1,678	3,478	2,576	6,471	6,346	6,346
05.02.2023	0,30%	99,85%	100,00%	1,630	3,806	2,568	6,276	6,600	6,244
06.02.2023	0,34%	99,84%	100,00%	2,100	4,264	2,903	7,801	7,371	7,000
07.02.2023	0,48%	99,62%	99,76%	1,924	4,233	2,788	7,671	7,371	6,906
08.02.2023	0,24%	100,00%	100,00%	1,756	4,150	2,720	6,562	7,237	5,983
09.02.2023	0,43%	99,54%	99,73%	1,747	4,092	2,764	6,594	7,074	5,986
10.02.2023	0,46%	99,92%	99,69%	1,742	4,113	2,745	6,496	7,151	5,944
11.02.2023	0,11%	100,00%	100,00%	1,673	3,906	2,604	6,192	6,730	5,628
12.02.2023	0,13%	97,81%	99,65%	1,934	4,028	2,674	6,025	6,847	5,690
13.02.2023	0,17%	99,92%	100,00%	1,729	4,070	2,728	6,344	7,076	5,853
14.02.2023	0,31%	99,70%	99,77%	1,741	4,145	2,771	6,425	7,126	5,951
15.02.2023	0,22%	100,00%	100,00%	1,765	4,095	2,768	6,415	7,113	5,984
16.02.2023	0,33%	99,92%	99,94%	1,713	4,070	2,731	6,270	7,023	5,893
17.02.2023	0,32%	99,92%	99,71%	1,728	4,041	2,706	6,364	6,981	5,908
18.02.2023	0,10%	100,00%	99,76%	1,670	3,973	2,588	6,142	6,768	5,654
19.02.2023	0,09%	97,78%	99,80%	1,836	4,026	2,696	6,198	6,826	5,730
20.02.2023	0,14%	100,00%	100,00%	1,691	4,027	2,714	6,189	6,946	5,842
21.02.2023	0,59%	99,54%	99,77%	1,709	4,012	2,757	6,278	7,022	5,962
22.02.2023	0,99%	99,83%	100,00%	1,752	4,036	2,744	6,196	7,038	5,874
23.02.2023	0,31%	99,92%	99,72%	1,729	3,961	2,703	6,387	6,906	5,766
24.02.2023	0,13%	99,92%	100,00%	1,769	4,064	2,806	6,491	7,073	5,911
25.02.2023	0,34%	98,56%	99,76%	2,039	3,867	2,624	7,076	6,682	5,688
26.02.2023	0,06%	99,92%	100,00%	1,639	3,883	2,610	6,047	6,626	5,559
27.02.2023	0,22%	99,63%	100,00%	1,989	4,390	3,102	6,688	7,542	6,424
28.02.2023	0,31%	99,51%	99,76%	2,002	4,401	3,072	6,883	7,565	6,375
01.03.2023	0,48%	99,11%	99,65%	1,893	4,392	3,058	6,876	7,545	6,237
02.03.2023	0,42%	99,54%	100,00%	1,811	4,116	2,820	6,568	7,121	5,832
03.03.2023	0,53%	99,47%	99,71%	1,744	4,025	2,732	6,488	6,941	5,688
04.03.2023	0,15%	99,77%	100,00%	1,719	3,910	2,609	6,295	6,699	5,537
05.03.2023	0,05%	99,60%	100,00%	1,742	3,879	2,623	6,326	6,671	5,548
06.03.2023	0,15%	99,85%	100,00%	1,818	4,047	2,769	6,578	6,998	5,829
07.03.2023	0,37%	99,76%	99,94%	1,794	4,020	2,751	6,601	7,000	5,808
08.03.2023	0,41%	99,69%	99,58%	1,783	4,050	2,742	6,494	6,999	5,815
09.03.2023	0,23%	100,00%	99,76%	1,748	4,014	2,728	6,526	6,937	5,764
10.03.2023	0,50%	100,00%	99,79%	1,760	4,030	2,713	6,490	7,002	5,778
11.03.2023	0,12%	99,92%	99,78%	1,681	3,880	2,602	6,246	6,716	5,543
12.03.2023	0,25%	14,90%	100,00%	1,601	3,975	2,625	6,157	6,784	5,620
13.03.2023	0,29%	69,62%	100,00%	1,752	4,008	2,756	6,322	6,992	5,830
14.03.2023	0,28%	99,75%	99,91%	1,797	4,082	2,789	6,379	7,074	5,917
15.03.2023	0,16%	99,54%	99,74%	1,833	3,974	2,667	6,292	6,886	5,662

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### Availability Comparison (%)

### Performance Comparison (ms)

Day	Availability Comparison (%)			Performance Comparison (ms)					
	Error Rate XS2A	Availability XS2A	Availability OLB / APP	Performance AIS XS2A	Performance AIS OLB	Performance AIS APP	Performance PIS XS2A	Performance PIS OLB	Performance PIS APP
16.03.2023	n.a.	99.54%	100,00%	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17.03.2023	0,27%	100.00%	100,00%	1.660	3.931	2.621	6.071	6.793	5.607
18.03.2023	n.a.	100.00%	99,78%	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19.03.2023	0,24%	90.40%	97,81%	2.084	4.000	2.756	6.028	6.709	5.669
20.03.2023	0,27%	99.92%	100,00%	1.685	3.873	2.622	6.173	6.723	5.608
21.03.2023	0,72%	99.62%	99,77%	1.752	3.947	2.669	6.453	6.823	5.697
22.03.2023	1,85%	98.07%	99,34%	10.582	4.212	2.885	22.376	7.244	6.089
23.03.2023	0,21%	100.00%	99,72%	1.806	3.949	2.630	6.420	6.894	5.649
24.03.2023	0,52%	100.00%	99,65%	1.670	3.919	2.629	6.171	6.762	5.652
25.03.2023	0,06%	99.92%	99,74%	1.638	3.882	2.523	5.961	6.640	5.399
26.03.2023	0,28%	99.27%	100,00%	1.616	3.892	2.561	5.875	6.575	5.453
27.03.2023	0,32%	100.00%	100,00%	1.791	3.971	2.649	6.285	6.855	5.661
28.03.2023	0,42%	99.67%	99,30%	1.780	4.106	2.765	6.315	7.070	5.922
29.03.2023	0,59%	99.61%	99,65%	1.785	4.162	2.810	6.332	7.183	5.952
30.03.2023	0,52%	99.85%	99,76%	1.711	4.013	2.701	6.276	6.902	5.691
31.03.2023	0,23%	99.69%	99,74%	1.680	3.993	2.655	6.344	6.827	5.619

### Definitions

<b>Error Rate XS2A</b>	Error quotient of server errors relative to all XS2A requests (incl. errors during planned downtimes - details: <a href="https://www.bank-verlag.de/psd2-targobank">https://www.bank-verlag.de/psd2-targobank</a> ).
<b>Availability XS2A</b>	XS2A availability (uptime) in % is measured on a use case level by an external provider (incl. network instabilities / downtimes due to maintenance work or deployments - details: <a href="https://www.bank-verlag.de/psd2-targobank">https://www.bank-verlag.de/psd2-targobank</a> ).
<b>Availability OLB / APP</b>	The availability (uptime) in % is measured on a use case level by an external provider (incl. network instabilities). Since 13.04.21 the primary uptime tracking is run internally. Because the underlying services match, the App & Online-Banking availability are reported jointly.
<b>Performance AIS XS2A</b>	Average duration in ms of running through the entire process of getting account information via XS2A (incl. the consent setup every 90 days). The average response time in ms per step is summed up per day.
<b>Performance AIS OLB</b>	Average duration in ms of running through the entire process of getting account information via the Online-Banking (incl. the 90-day TAN exemption for the login). The average response time in ms per step is summed up per day.
<b>Performance AIS APP</b>	Average duration in ms of running through the entire process of getting account information via the TARGOBANK Mobile App. The average response time in ms per step is summed up per day. The reporting started in August 2021.
<b>Performance PIS XS2A</b>	Average duration in ms of running through the entire process of setting up a SEPA payment which is the most popular PIS use case. The average response time in ms per step is summed up per day.
<b>Performance PIS OLB</b>	Average duration in ms of running through the entire process of setting up a SEPA payment via the Online-Banking (incl. the 90-day TAN exemption for the login). The average response time in ms per step is summed up per day.
<b>Performance PIS APP</b>	Average duration in ms of running through the entire process of setting up a SEPA payment via the TARGOBANK Mobile App. The average response time in ms per step is summed up per day. The reporting started in August 2021.