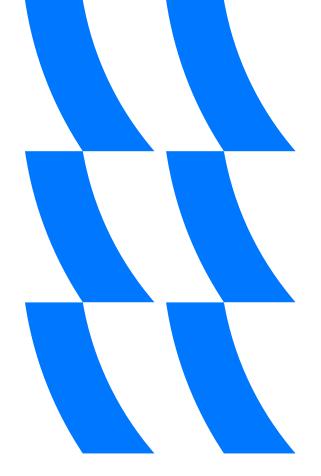
Overview of the Russian IT market for 2023

August 2024



Content

Internet audience	3
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Internet audience



器 Russian Internet audience in 2023



Number of average monthly Internet users in Russia

84%

Share of the Russian population that uses Internet

>95%

Share of the Russian Internet users that use VK services

83%

Share of the Russian population that uses Internet every day

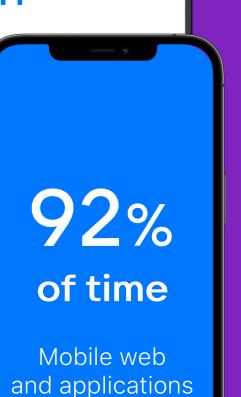
Solution State State

Average time spent by Internet users onlime

~5 hours per day¹

Average time spent by users in VK services

~1 hour per day²



The rest of time

Desktop

Source: (1) Mediascope, average for 2023, Russia 0+, age 12+, desktop and mobile devices. (2) Mediascope, Q2 2024, Russia 0+, age 12+, desktop and mobile devices

88 Activities in the Russian Internet

Top categories among online activities % of time spent online



VK projects allow to fill most of the needs of the Internet users



BS Social networks



Share of the Russian population that uses social networks at least once a month¹



Share of the Russian population that uses social networks every day¹





in terms of the number of active authors and the volume of created content



101 A31 mn vs 2021 mn

Total number of users of Russian social networks in 2023²

ОК

№2

in terms of the volume of created content

Source: (1) Mediascope, December 2023, Russia 0+, age 12+, desktop and mobile devices. (2) <u>AKAR – Research of domestic and foreign social networks/online</u> platforms (December 2023). (3) Brand Analytics - Social networks in Russia: figures and trends (autumn 2023)

Advertising market



🕫 Media advertising market in Russia

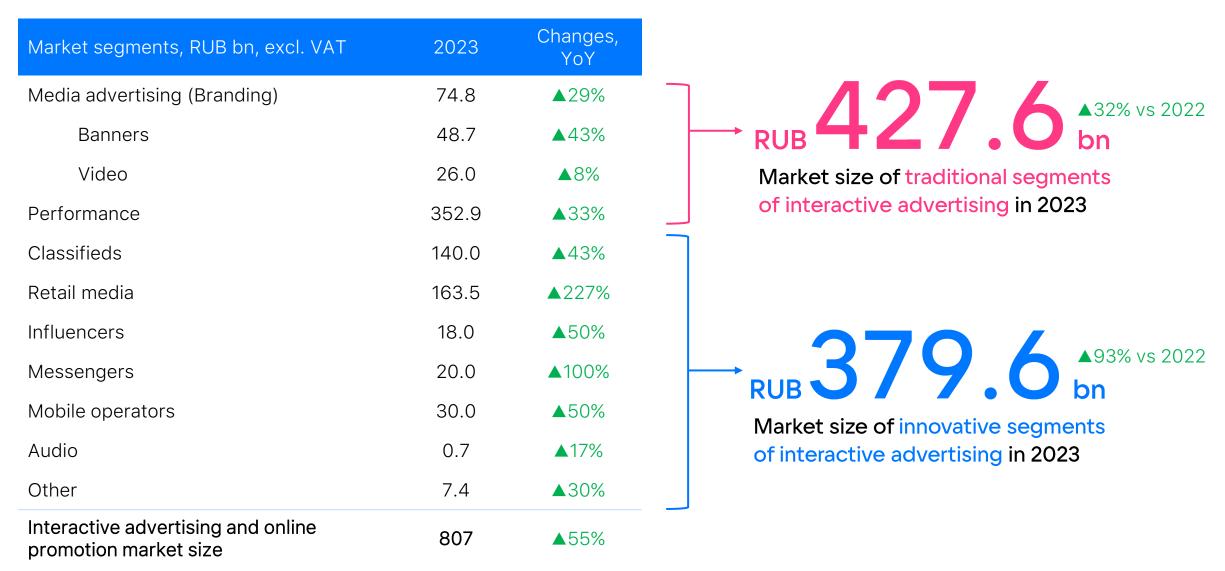
Market segments, RUB bn	2023	Changes, YoY
Video (TB+OLV)	231.5	▲20%
Audio	20.2	▲32%
Radio	19.5	▲32%
Digital	0.7	▲ 17%
Publishing	25.4	▲10%
Press	4.6	▼4%
Digital	20.8	▲14%
Out of Home	67.1	▲41%
Outdoor advertising	57.7	▲38%
Classic advertising media	27.7	▲ 18%
Digital advertising media	30.0	▲64%
Transit advertising	7.0	▲75%
Indoor advertising	2.4	▲30%
Internet services	386.6	▲37%
Media advertising market size	730.7	▲30%



RUB 386.6 A 37% vs 2022 bn

Online advertising market size in 2023

Interactive advertising market in Russia



Video services and music streaming



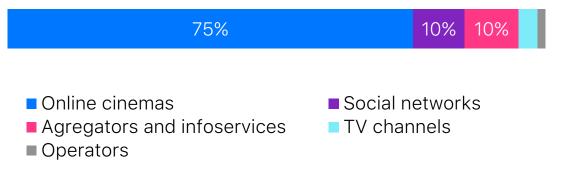
Legal video services market



Revenue for 2023 by monetization models RUB bn (excl. VAT)



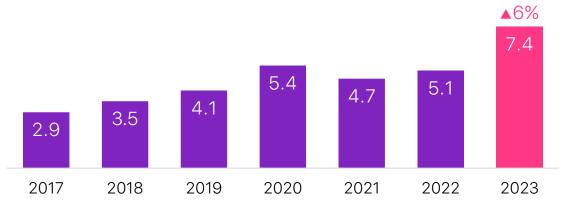
Market revenue breakdown by segments in 2023 $_{\%}$



Source: J'son & Partners Consulting – Research of the Russian legal video services market in 2023



Smart TV sales¹ mn pieces

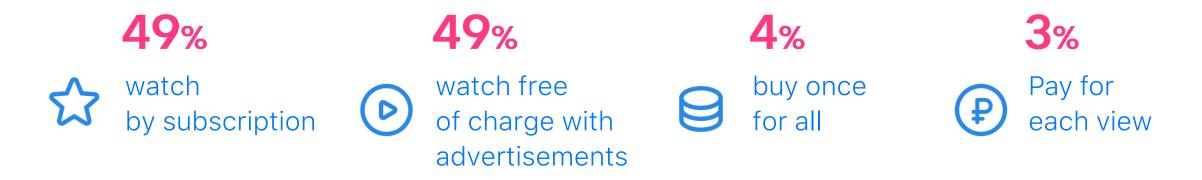


Ways to consume video content online¹ % of Smart TV users

households had paid subscriptions to online cinemas in 2023²

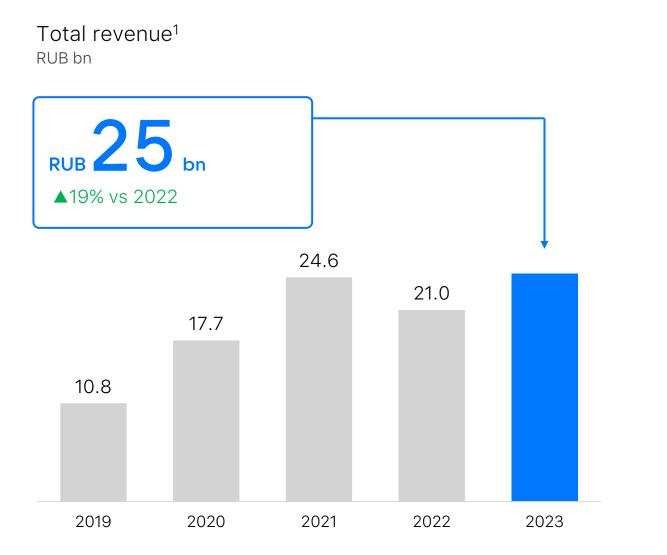


of the total number of households had paid subscriptions at the end of 2023²

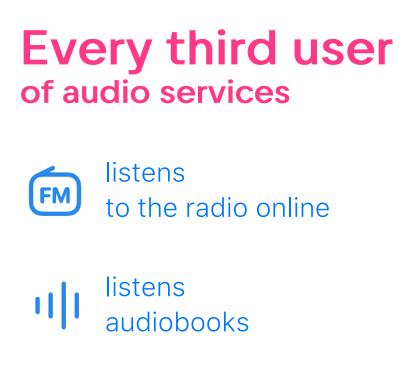


Source: (1) J'son & Partners Consulting – Research of the SmartTV market in Russia in 2023. (2) TMT Consulting – Russian VoD market in 2023

Music streaming market



Non-musical content in audio services²



istens podcasts

Source: (1) <u>J'son & Partners Consulting – Research of the Russian ecosystem market in 2023</u>. (2) Mediascope, BrandPulse, 2023, Russia 0+, age 12-64

Corporate software, including cloud services

○ Communication services market

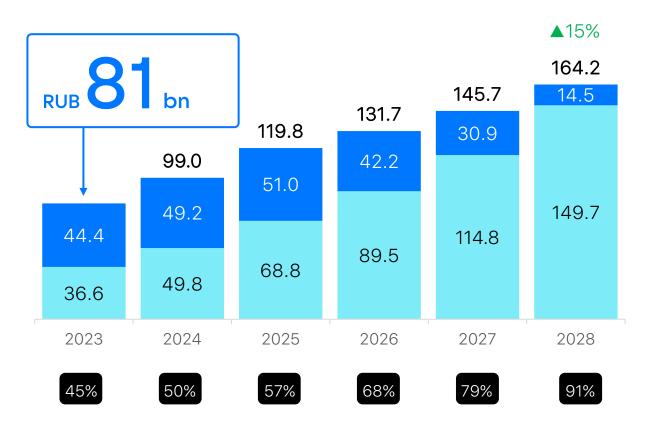


Share of Russian software

Russian solutions

Foreign solutions

▲ Average annual growth rate



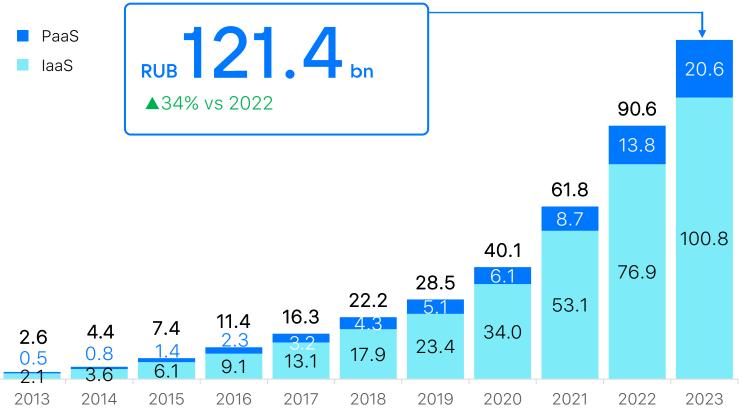
Forecasts for Russian solutions sales growth RUB bn



(1) Includes corporate telephony and sales of equipment for video conferencing systems. Source: J'son & Partners Consulting – Research of the Russian unified communications market in 2023

Cloud infrastructure services and software market

Cloud infrastructure services market assessment¹ RUB bn



128%

annual market growth rate for 2023 in the laaS + PaaS segments¹

RUB 440 bn

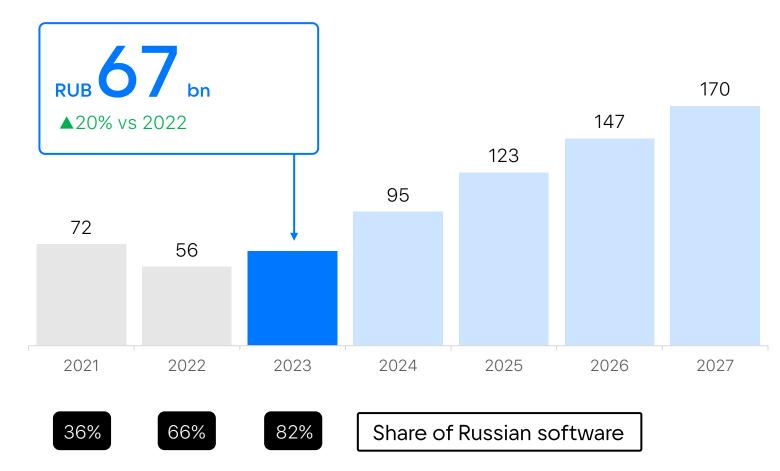
cloud infrastructure services and software market estimate for 2027 (with a current total growth rate forecast of +20% YoY)²

(1) Источник: iKS Consulting – Russian cloud infrastructure services market in 2023. Data for 2023 – forecast.

(2) Company data, including an aggregated assessment of the cloud services market (laaS and PaaS) and private clouds, as well as infrastructure software: within the framework of DBMS software and data processing tools, the company relies on the assessment of the CSR

Data management services and software market

DBMS and data processing tools market assessment $^{\rm RUB\ bn}$



125%

forecasted average annual growth rate in 2023–2027²

▲2.5×

estimate of the Russian DBMS and data processing tools market growth in 2027 compared to 2023²

DBMS - Data storage, processing and management tools.

(1) Source: CSR - Market of data management and processing systems in the Russian Federation. (2) Company calculations based on CSR estimates

Online education market



Revenue of educational services in Russia

Revenue of top-100 EdTech 30% 14% companies in 2023 Children's education **Developers and platforms** ▲39% vs 2022 ▲49% vs 2022 119 RUB 7% ▲32% vs 2022 **Business education** ▲17% vs 2022 35% 2% **Additional** professional education Foreign languages ▲27% vs 2022 ▲14% vs 2022

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