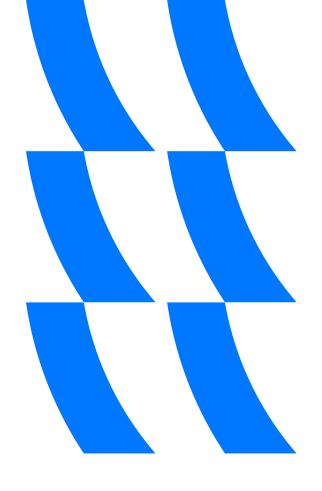
Overview of the Russian IT market for 2022

August 2023



Content

| Internet audience | 3 |
|--|----|
| Advertising market | 7 |
| Video services and music streaming | 10 |
| Corporate software, including cloud services | 13 |
| Education market | 15 |



Internet audience



88 Russian Internet audience in 2022

98.6 mn

Average monthly number of Internet users in Russia

81%

Share of the Russian population that uses the Internet

78%

Share of the Russian population that uses the Internet every day

Online time and Internet consumption

Average time spent by Russian people on the Internet

3 h 26 min



of internet users use mobile Internet

90% of time Mobile web and applications

The rest of time

Desktop

SACTIVITIES in the Russian Internet

Top categories among online activities¹ % of time spent online

Social networks

21%

Watching videos

18%

Messengers

15%

Cames Games

10%

eCommerce

3%

Social media

of Internet users are registered in some social network²

Top 2 social networks by the number of people registered in them²

% of all Internet users

86%

VKontakte



Odnoklassniki

⁽¹⁾ Source: Mediascope Cross Web (all of Russia, population 12+, Desktop&Mobile, 2022). (2) Source: RAEC, survey of the population of Russia, multiple answers are possible

Advertising market

.

Media advertising market in Russia

| Market segments, RUB bn | 2022 | Changes, YoY |
|---|-------|-----------------|
| Radio | 14.7 | ▲ 5% |
| Press | 4.8 | ▼ 41% |
| Newspapers | 2 | ▼ 34% |
| Magazines | 2.8 | ▼ 45% |
| Out of Home | 47.6 | ^ 6% |
| Outdoor advertising | 41.8 | ▲9% |
| Classic advertising media | 23.5 | 0% |
| Digital advertising media | 18.3 | ▲ 24% |
| Transit advertising | 4 | V 2% |
| Indoor-advertising | 1.8 | V 20% |
| Internet advertising | 324.9 | ▼2% |
| Media advertising market size (excluding TV advertising*) | 392 | ▼2% |

RUB 325 bn

Online advertising market size in 2022

^{*}The volume of TV advertising in 2021 was RUB 197.3 bn

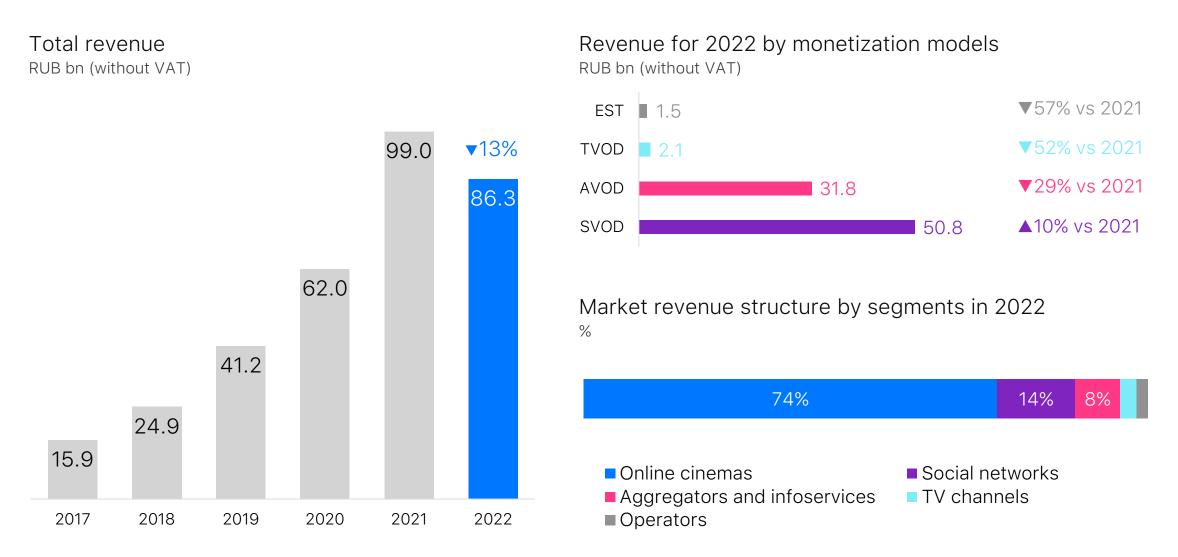
Interactive advertising market in Russia

| Market segments, RUB bn, excl. VAT | 2022 | Changes, YoY |
|---------------------------------------|-------|-----------------|
| Media advertising (Branding) | 58.0 | ▼ 1,6% |
| Banners | 34.0 | ▲ 27,0% |
| Video | 24.1 | ▼ 26,0% |
| Performance | 265.7 | ▲0,4% |
| Search | 113.2 | ▼ 18,0% |
| CPX | 140.2 | ▲ 33,0% |
| Video | 12.3 | ▼ 42,0% |
| Classifieds | 98.0 | ▲ 40,0% |
| Retail media | 50,0 | ▲ 127,0% |
| Influencers | 12,0 | _ |
| Messengers | 20,0 | _ |
| Mobile operators | 10,0 | _ |
| Audio | 0,6 | _ |
| Other | 5,7 | _ |
| Interactive advertising market volume | 520 | |

Video services and music streaming

.

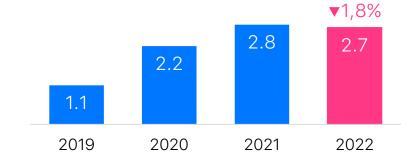
Legal video services market



Source: J'son & Partners Consulting

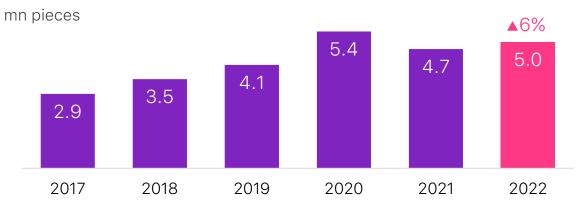
Paid subscriptions

Number of paid subscriptions to video services per user



Smart TV

Smart TV sales



Source: J'son & Partners Consulting

Music

RUB 20 bn

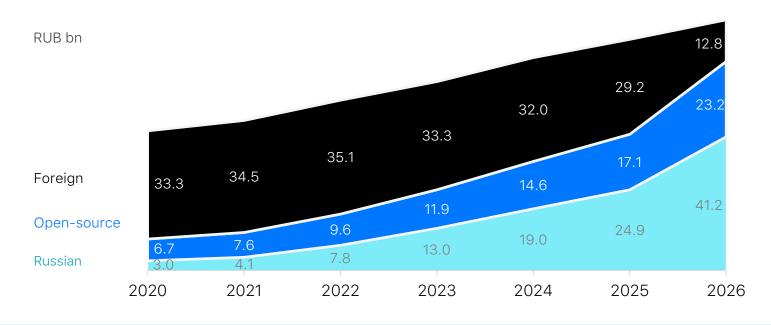
Music streaming market size estimate for 2022

Source: Company data

Corporate software, including cloud services

• • • •

Communication services market



Growth of the share of the Russian software



▲20% - average market growth rate

Share of participants of various business segments buying paid communications software

70% Large business

24% Medium-sized business

4%

1%

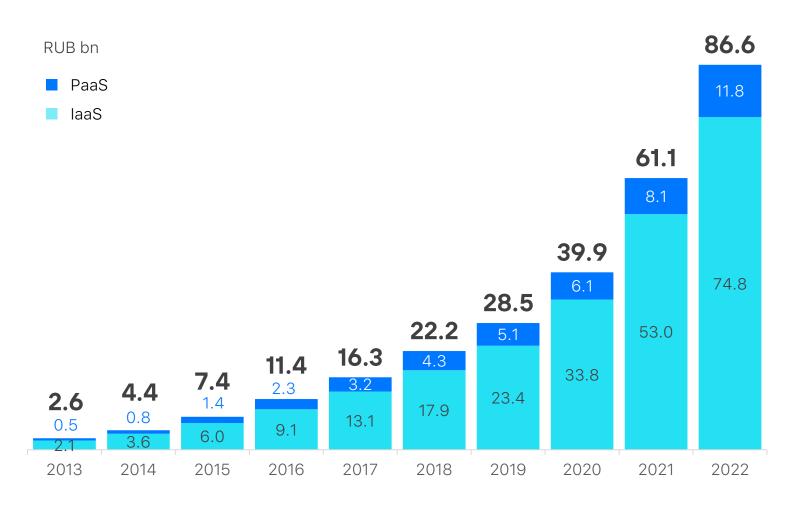
Small Micro business

The main drivers of market development

- Strengthening information security requirements
- Growing consumer loyalty to Russian software

Source: Company estimate

• Infrastructure and platform cloud services market



27%

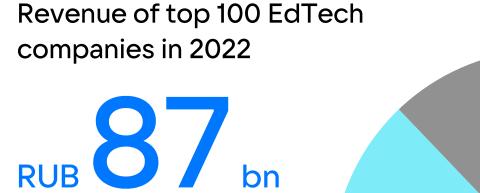
the annual market growth rate predicted by iKS earlier, with up to 32%¹ growth of individual segments (laaS) in some years

RUB 238 bn

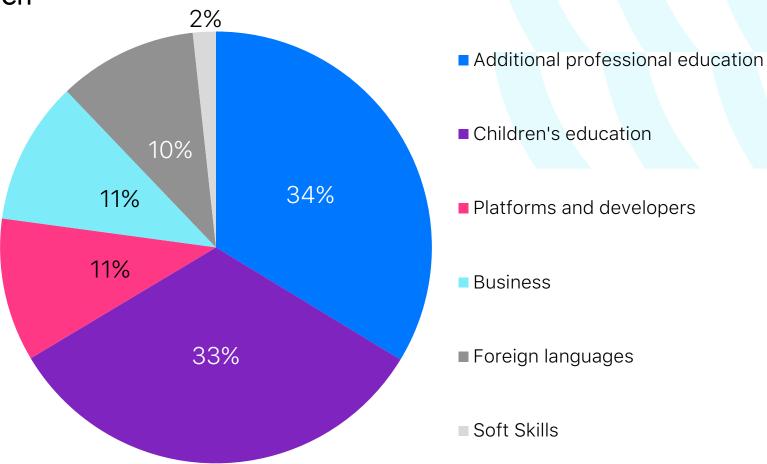
estimate of the market size of cloud infrastructure services laaS + PaaS in 2025 (with a current forecast of +40% growth rate) ²

Education market

Revenue of educational services in Russia



▲18% vs 2021



Source: Smart Ranking

For more information contact: ir@vk.company

