EXAMUS

Online exam monitoring and control

Real-time engagement analytics

Engagement and attention control

Face ID and emotions detection

Video streaming is not required

ONLINE EDUCATION SCALABILITY VS QUALITY

15 minutes
before most students lose attention learning online

94.5%
of e-learners who start a MOOC drop out before the end

86%
of students admit they have cheated in online tests

https://www.physiology.org/doi/pdf/10.1152/advan.00109.2016

https://blog.edx.org/study-moocs-offers-insights-online-learner-engagement-behavior

https://www.cleveland.com/metro/2017/02/cheating_in_college_has_become.html

ONLINE PROCTORING: HOW IT WORKS

Camera and mic

Desktop

Data

Computer vision

AI

Identification

Metadata

Record

Report
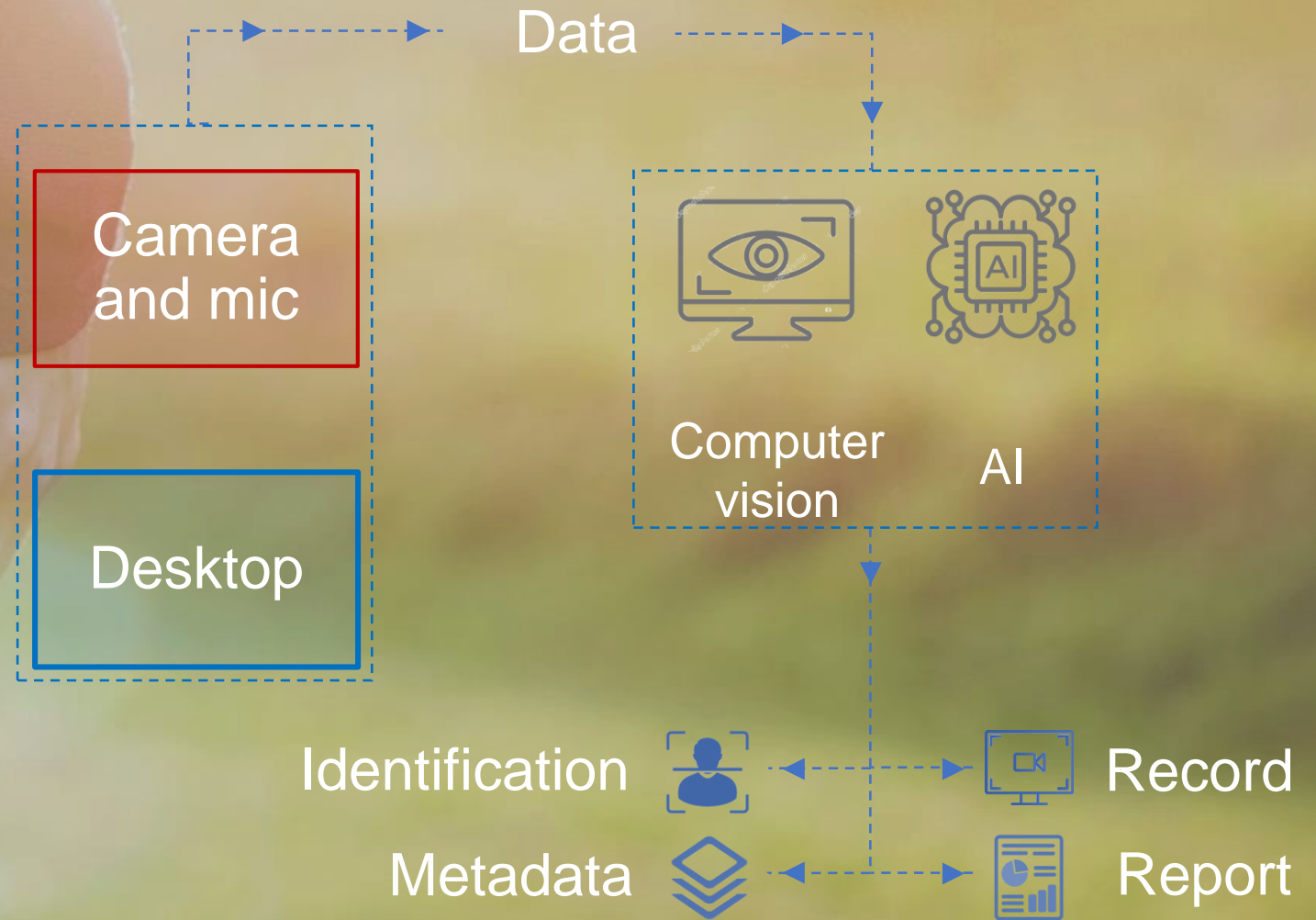
WHAT TECHNOLOGY CAN 'SEE'

Face recognition

Emotions recognition

Gaze detection

Person identification

Absence of the person

Unauthorized person

Speech detection

Tab change

Screen sharing, secondary monitor

TURN-KEY SERVICE

Qualified proctors

User support service 12/5

Branded support portal

Customer proctor training

Situation centre

Knowledge base

Interfaces for human proctoring

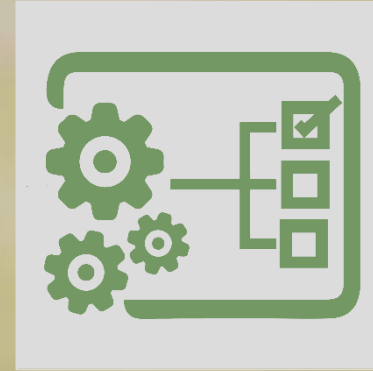Integration with LMS and test platforms

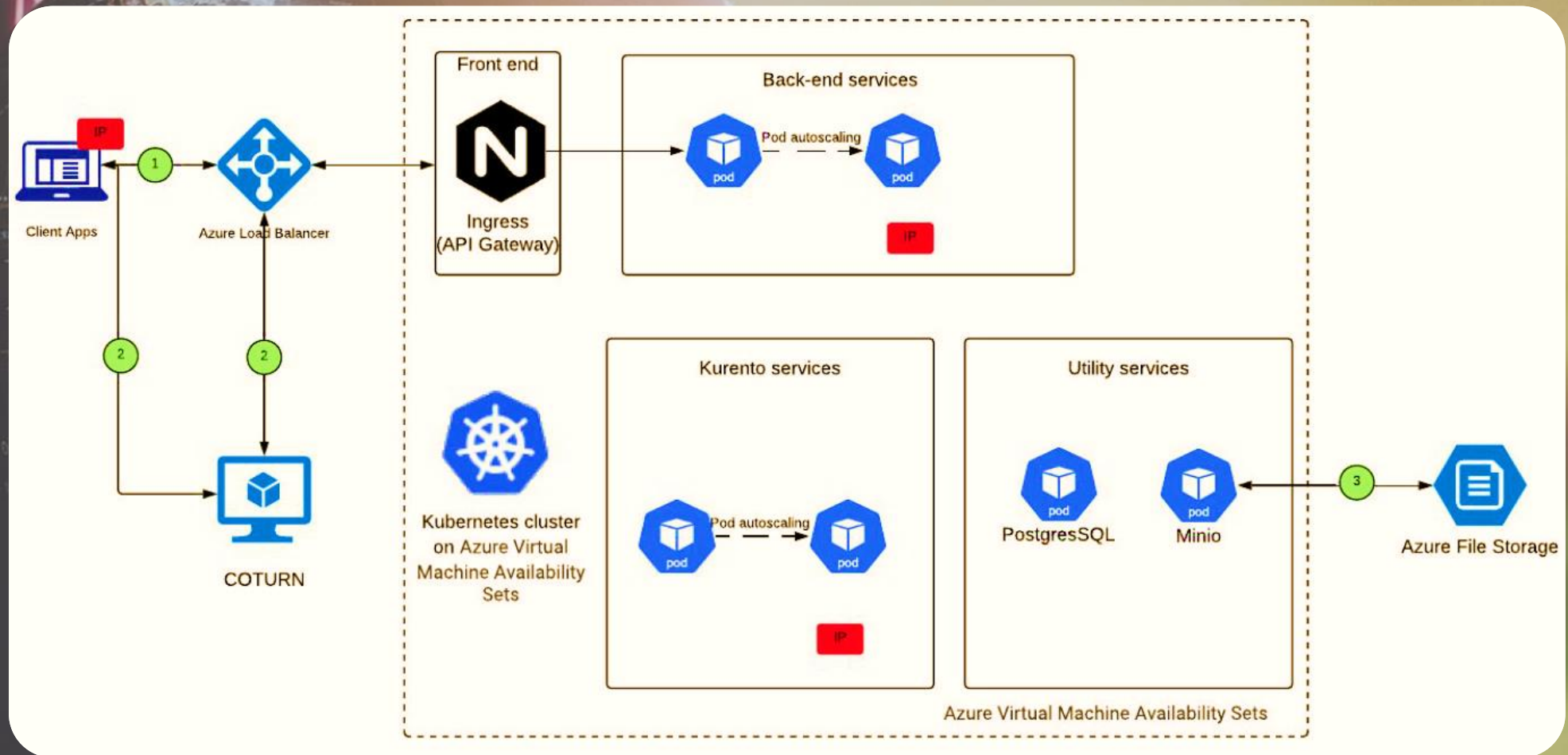Analytics and reports

INFRASTRUCTURE OPTIONS

I. Examus
cloud server

II. Customer
Cloud Server

III. Customer
Infrastructure
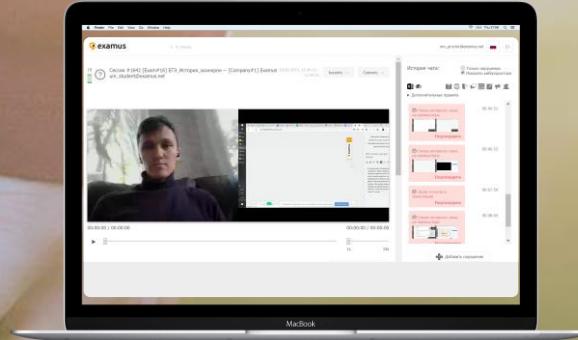
EXAMPLE OF SOLUTION ARCHITECTURE
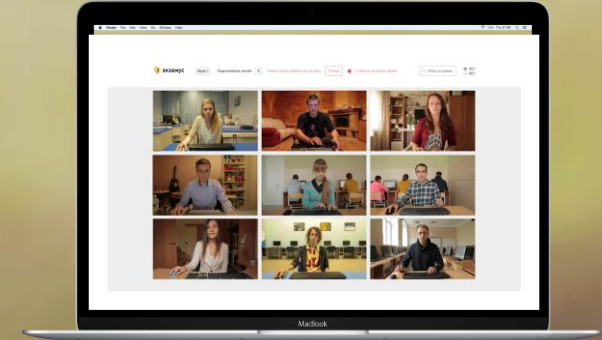
THREE PROCTORING OPTIONS

1. Automatic

- Test-taker identification

- Recording audio, video and desktop

- Detailed report on violations

- Violation probability calculation

2. Asynchronous

Automatic PLUS review of recording by proctor

3. Synchronous

Automatic PLUS live monitoring and exam control by proctor

Support from experienced proctors

USE CASE 1: ONLINE ENTRANCE EXAMS AND ENROLMENT TESTS

Our online proctoring service helps universities expand their intake outside their home countries, with online entrance exams verified by technology and people.

National Research University Higher School of Economics was one of the first educational institutions to implement our online proctoring solutions. Today it accepts students **from more than 100 countries.**

SCHOOL · OF · ECONOMICS
HIGHER · ECONOMICS

NATIONAL RESEARCH
UNIVERSITY

**USE CASE 2: MASS EXAMS
VIA MOOC PLATFROMS**

Examus' service has been integrated with leading MOOC platforms like Moodle and EdX.

Online proctoring guarantees the transparency and authenticity of exams and testing on MOOC platforms.

Since 2015, Examus' service has handled more than 800,000 exams on OpenEdu, one of Russia's leading MOOC platforms.

USE CASE 3: ONLINE OLYMPIAD

Examus' online proctoring solutions have been successfully implemented for a range of K-12 and university competitions online.

The most popular option is asynchronous proctoring. All participants are verified using automatic proctoring. Those who achieve a pass mark are also reviewed by human proctors.

open doors

ATTENTION AND ENGAGEMENT MONITORING: HOW IT WORKS

1. The service works in the browser on a laptop or smartphone. It gains access to the camera

2. The system analyses the video stream directly on the client device

3. The customer receives real-time analytics on user behaviour

The system focuses on two key metrics:

Attention – using gaze detection
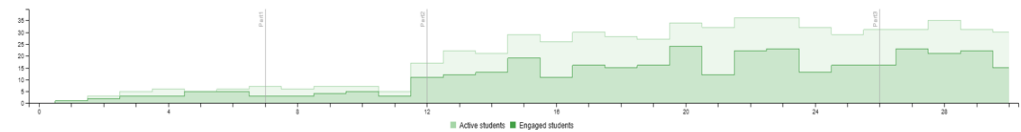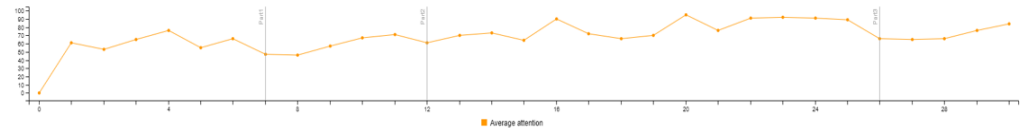
Engagement – using facial key point dynamics

BUSINESS CASES

- Real-time analysis of how students or employees respond to video content

- Real-time feedback from live webcast audiences

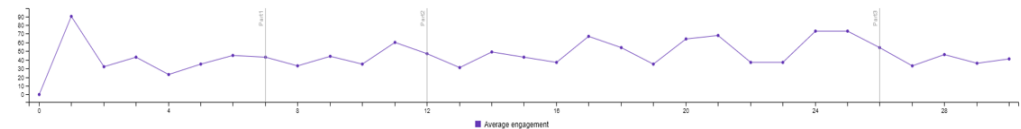- Evaluation of response from distributed focus groups for promo videos etc

Active engagement

Mid-level attention

Mid-level engagement

INTEGRATION WITH YOUTUBE
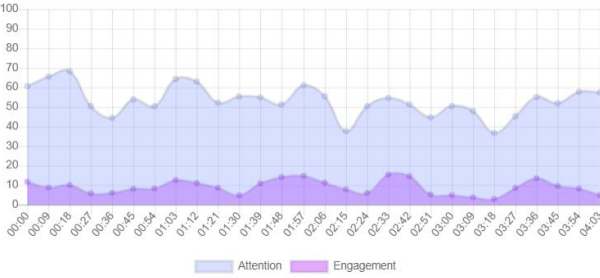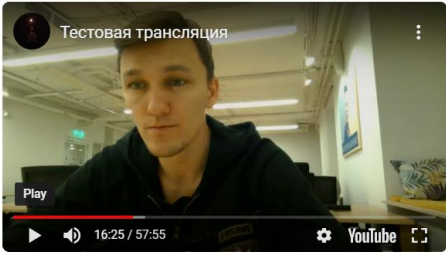
1. Uploaded video analytics
2. Live streaming real-time analytics
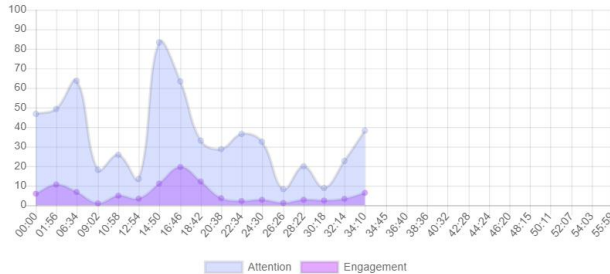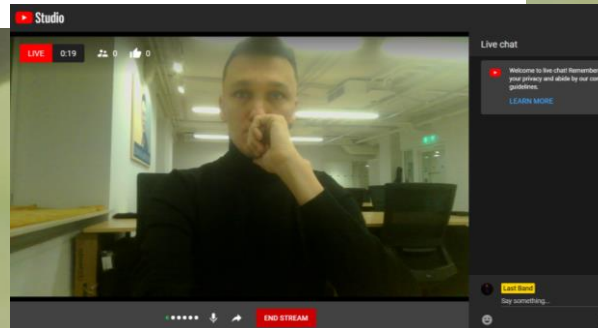
BUSINESS MODELS

VOLUME BASED

Starter option or one-time project

From $3 per exam

Universities

SUBSCRIPTION / LICENSE

Limited volume at lower unit price

From $36K per year for 12 000 of Exam hours

Enterprise, MOOCs, large universities

WHITELABEL

Built-in feature for platform

From $100K

Partners

WHY EXAMUS?

Cutting-edge software

- Chrome-based browsers, Mozilla Firefox compatible

- User-friendly and secure, choose your option:
  web app or extension

- Multilingual interfaces

Flexible business models

- Volume-based

- Subscription/license

- Whitelabel

Turn-key service

- Tech and user-support centre

- Monitoring centre from scratch: methodology, training and guidelines

- Scalable team of experienced proctors

- User-friendly reports, situation room, knowledge base

EXAMUS NUMBERS

From 10,000 exams per month

5 years market experience

More than 50 customers

Students from over 120 countries

open doors

Microsoft Co-Sell Partner

SBERBANK

Berkeley UNIVERSITY OF CALIFORNIA

Ford

OpenEDU

voxy

20.35 УНИВЕРСИТЕТ НТИ

FINANCIAL UNIVERSITY UNDER THE GOVERNMENT OF THE RUSSIAN FEDERATION

FIFA

HIGHER SCHOOL OF ECONOMICS NATIONAL RESEARCH UNIVERSITY

National Research Tomsk State University

RANEPA

MISIS National University of Science and Technology

St Petersburg University

Ural Federal University

MIPT

VNIVERSITAS UNIVERSIDAD La Gran Colombia

БелГУ НИУ БелГУ BELGOROD STATE UNIVERSITY (BSU)

POLYTECH Peter the Great St.Petersburg Polytechnic University

softline

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