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DELL

We help universities assess students learning and skills in the best possible way.

inspera assessment

PCG | Academia

Technology. Analytics. Excellence.

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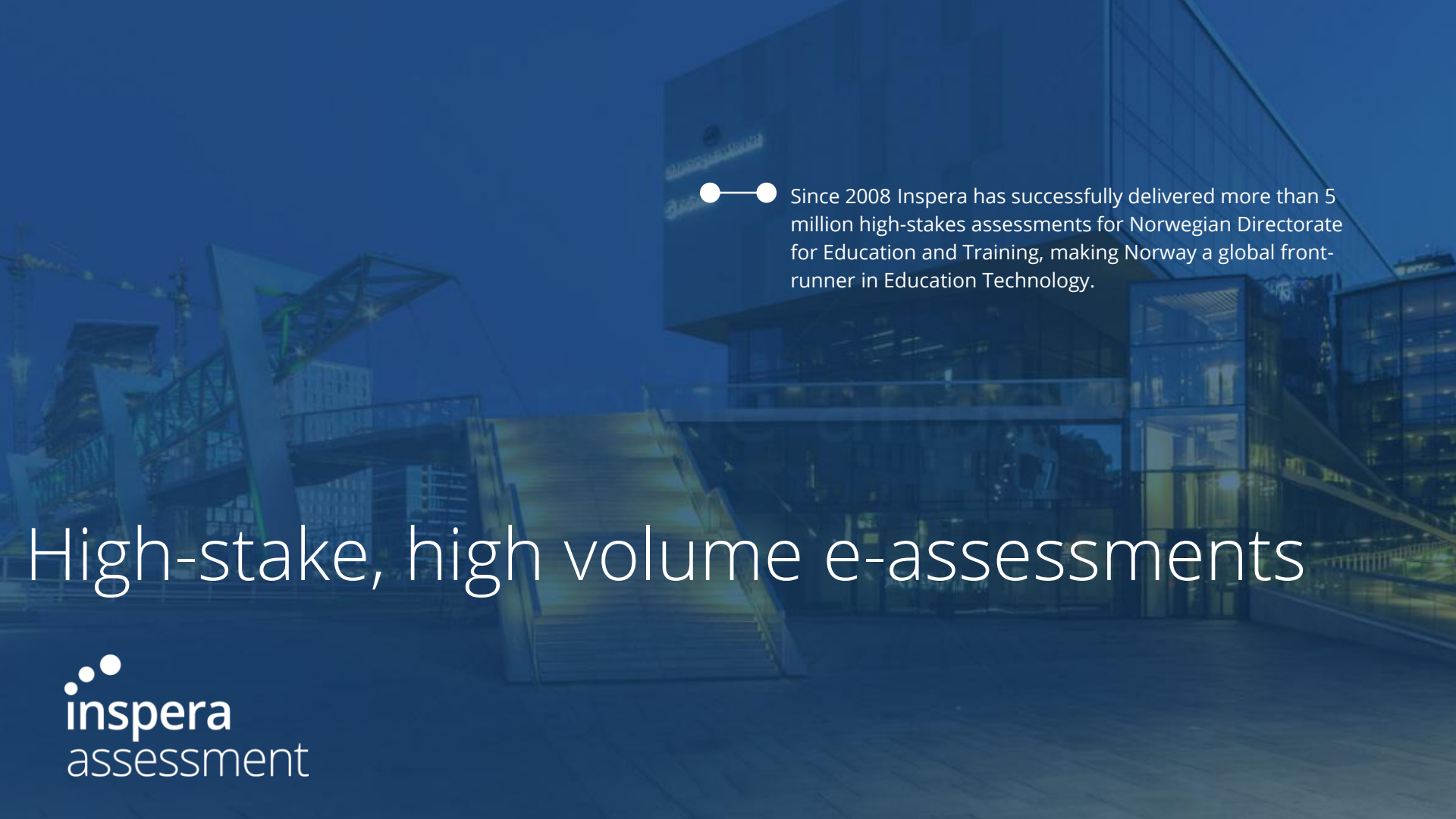

Since 2008 Inspera has successfully delivered more than 5 million high-stakes assessments for Norwegian Directorate for Education and Training, making Norway a global front-runner in Education Technology.

High-stake, high volume e-assessments

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Higher education in the Nordics

1.143.450

Total number of higher education students

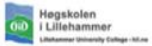
27

Long-term Inspera customers

27%

Inspera market share of total student population in the Nordics

We work with more than 50 educational institutions



Agenda for presentation

Innovative partnerships with Polish university sector

- Introduction to Inspera Assessment
- Key Insights from e-exams project with Kozminski University
- Question & Answers?

A shared vision of a 100% computer-based assessments and a digital assessment workflow

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Why transition from paper to computer based exams?

Paper disadvantage

- Paper workflow is highly inefficient and slow
- Paper workflow is insecure in terms of both distribution and biased grading.
- Assessment quality is expensive to evaluate, often requires manual data aggregation.
- Paper and pen limit students to show their true knowledge and skills

Digital advantage

- Digital workflow is very efficient and fast, sometimes automatic.
- Digital workflows minimize risk for exam paper mismanagement and improve grading fairness
- Automatic access to assessment data to evaluate and improve assessment quality.
- Assess a wider range of knowledge & skills with multimodal exams using video, audio and interactive questions.

Inspera assessment

Turnkey solution for university wide deployment of computer based assessments and a digital workflow.

Supporting a wide range of assessment types and the entire assessment workflow

- School exams
- Home exams
- Written assignments
- Group assignments
- Oral/practical assessments
- Bachelor/master thesis

- Before exam
  - System integrations with SIS (PCG Academia)
  - Planning tool for admins
  - Authoring tool and item bank for teachers
- Delivery
  - Student delivery solution
  - Secure web browser for BYOD & LAB exams
  - Monitoring tool for invigilators and IT staff
- After exam
  - Marking & grading tool
  - Tool for psychometric analysis of assessment data
  - Data export and reporting tools
  - System integrations for results management and analysis; and archiving purposes.

Turnkey solution for university wide deployment of computer based assessments and a digital workflow.

Standard system integrations and integrations with 3rd party tools

- Identity and Access Management System (IAM)
- Student Information System (SIS) / Student Records System (SRS)
- Virtual Learning Environments (VLE) / Learning Management System (LMS)
- Geogebra
- Inspera Scan integration with Scantron
- Third-party plagiarism tools
- VDI-solution
- Software programming online compilator.

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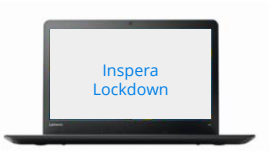
Supported Devices

Conducting closed-book exams on BYOD requires combined client-server approach

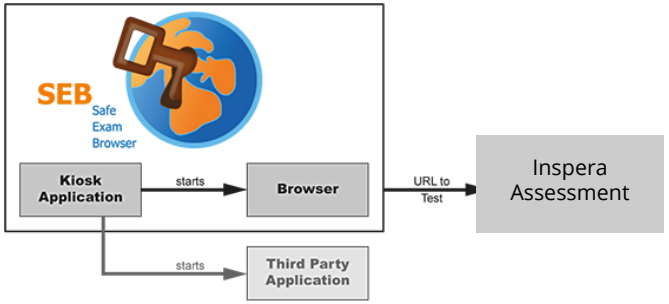
Windows PC

MAC OS X



Chromebook

iPad iOS



Lock-down environment in labs and for BYOD

- Support Third Party Tools
- White-list URLs
- Client and server side solution
  - Safe Exam Browser for Win/Mac/iPad
  - Kiosk-mode for Chromebooks
  - Process monitoring with machine learning

Authentic Assessment. Today.

Inspera Assessment Player

10 years on a massive scale

Built to scale from day 1

2007 - 20.000 logons in ten minutes, adding servers on short term notice a major challenge in on-prem environment - successfully handled

2017 - Virtually unlimited dynamic horizontal scaling on Amazon AWS secure exam delivery cloud

- ✓ More than 5 mio high stakes exams submitted by 2017
- ✓ Reaching adoption levels of 85% with HEIs by 2017
- ✓ User evaluations show 80-95% user satisfaction
- ✓ 99.99% uptime in 2017
- ✓ 8 planned releases a year with new functionality and average 2 new item types per year
- ✓ No exam paper lost to date

Introduction to Kozminski

AKADEMIA
LEONA KOŹMIŃSKIEGO

Kozminski Examination Centre established 06.2014

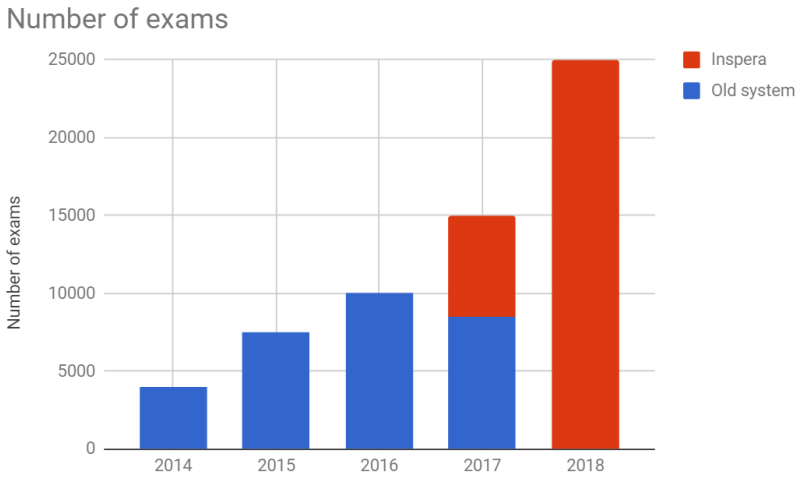
- Inspera full deployment on **Sep 2017**

- Every **5**th KU faculty run exams digitally

- **20%** started digital exams this semester

- **25%** got trained in Inspera and prepare their exams individually

- Conducted **4 BYOD** exams



Key Insights from e-exam innovation project

Faculty

- Optimizing time for checking assessments
- No handwriting
- Security for the question sets
- Wide range of the question sets
- Even old professors want e-exams, once they try they never want to go back to paper.

Students

- Students demand fair assessment
- Speed of marking, grading and feedback is important to improve student learning outcomes.
- Decreased cheating with 75-80% on digital exams after 3 years

Key Insights from e-exam innovation project

Administration

Key benefits of Inspera

- Scalable product
- Optimizing human costs
- Opportunities for BYOD
- Independent e-exam delivery

How to make it work?

- Personal support for teachers
- Build credibility for e-assessment internally and grow organically
- Important to choose the right system and provider
- Prepare time for learning

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