

Developed through years of extensive research and deep collaboration with global Learning & Development (L&D) leaders, this next-generation platform redefines learning with a comprehensive suite of LMS functionalities combined with advanced competency based simulations and Al-powered analytics. Designed to meet the evolving needs of organizations, it offers unparalleled flexibility, scalability, and intelligence to drive real, measurable learning impact.

# Key Features of the Future-Ready LMS

## **End-to-End Learning Management**

Manage every aspect of learning seamlessly, from course creation, content delivery (including PPTs, PDFs, videos, SCORM objects, and CMS-driven content), and learner enrollments to progress racking, compliance, and certification.

## Blended Learning & Instructor-Led Training (ILT)

Efficiently plan, schedule, and manage both offline classroom sessions and virtual training with a streamlined booking and management system

# Advanced Assessments & Deep Learning Analytics

Track learner performance with robust testing, grading, and insightful analytics to assess skill acquisition and engagement at every level.

## **LLM-Powered Al Insights**

Leverage advanced AI to extract contextual, real-time knowledge from all available learning assets, enabling learners to access hyper-personalized information when they need it most

## **Competency-Based Simulations**

Adaptive
 Immersive
 Mapped to Real Skills

Building on its LMS foundation, the platform incorporates cutting-edge, competency-based simulation development capabilities, designed to mirror real-world scenarios

## Multiple Competency Mapping

Manage every aspect of learning seamlessly, from course creation, content delivery (including PPTs, PDFs, videos, SCORM objects, and CMS-driven content), and learner enrollments to progress racking, compliance, and certification.

#### **Branched Simulations**

Deliver immersive, scenario-based simulations that allow learners to make decisions, face consequences, and build practical skills in a risk-free environment.

# Why This Platform?

This futuristic ecosystem has been crafted with a vision to bridge learning gaps, enhance workforce readiness, and accelerate skill mastery. By integrating top LMS functionalities, advanced simulations, and Al-driven insights, it empowers organizations to achieve transformative learning outcomes.

#### Welcome to the future of learning

where technology, intelligence, and human potential converge.

# Challenges Solved by the Next-Gen Learning Ecosystem

This advanced learning platform directly addresses critical challenges faced by the L&D industry

## Fragmented Learning Management

Centralizes online, offline, and virtual learning for seamless blended delivery.

## Low Learner Engagement

Boosts engagement with competency-based branched simulations and personalized, immersive learning.

## Ineffective Impact Measurement

Provides real-time analytics to track learner progress, performance, and training effectiveness.

## **Knowledge Retention Issues**

Enhances retention with scenario-based simulations and adaptive content delivery.

Slow Access to Relevant Information

Delivers Al-powered contextual insights from all learning assets for quick, targeted information access.



### Poor Feedback and Sentiment Tracking

Uses sentiment analysis to monitor learner engagement and feedback, driving continuous improvement.

### Manual ILT Management

Streamlines scheduling, booking, and tracking for both classroom and virtual sessions.

## Lack of Competency Alignment

Maps learning paths to multiple competencies, ensuring targeted skill development.

## One-Size-Fits-All Learning

Offers adaptive, personalized learning journeys based on individual competencies.

#### Limited ROI Measurement

Tracks training impact and provides clear, actionable insights to demonstrate ROI.

By solving these pain points, the platform empowers L&D teams to drive engagement, improve skills, and maximize training ROI.

# LearnYog Capabilities

Empowering CLOs and Transforming Learning Organizations Worldwide

LearnYog is a next-generation learning ecosystem designed to empower Chief Learning Officers (CLOs), L&D teams, and transform global organizations. Developed through years of research and close collaboration with the learning and development industry, LearnYog offers an unmatched combination of LMS capabilities, Al-powered insights, and advanced competency-based simulations to meet the evolving needs of modern workforce development.



# Core Features Elevating Learning Experience to the Next Level

## **End-to-End Learning Management**

#### **Comprehensive Content Management**

Supports diverse formats — PPTs, PDFs, videos, SCORM objects, and CMS-driven content in a centralized repository.

## **Blended Learning Delivery**

Manage and deliver online, offline (classroom), and virtual training seamlessly.

#### Learner & User Management

Handle learner enrollments, progress tracking, compliance, and certifications efficiently.

### ILT (Instructor-Led Training) Session Management

Complete end-to-end planning, scheduling, booking, and tracking of both classroom and virtual sessions. Collect feedback and track attendance for continuous improvement.

#### **Custom Learning Paths**

Create dynamic learning journeys aligned with job roles, skill levels, and organizational needs.



## **Advanced Assessments & Analytics**

#### Robust Testing & Adaptive Assessments

Measure knowledge acquisition and competency development through quizzes, tests, and scenario-based assessments.

#### Real-Time Analytics Dashboards

Track learner engagement, performance, and skill progression with granular data insights.

#### Impact and ROI Measurement

Demonstrate the effectiveness of learning initiatives and the ROI of training programs with advanced reporting.

# **Al-Driven** Learning Personalization

#### **LLM-Powered Contextual Search**

Leverage AI to deliver real-time, personalized insights by extracting knowledge from all learning assets (PPTs, PDFs, videos, SCORM, etc.).

#### Sentiment Analysis

Track learner emotions, engagement, and feedback to continuously improve the learning experience.

#### Adaptive Learning Journeys

Automatically adjust learning paths based on performance, engagement, and competency levels for a more personalized experience.

## **Competency**-Based Simulations

LearnYog's advanced simulation capabilities offer an immersive and practical way to develop real-world skills

#### Competency-Based Simulation Development

Design interactive, job-relevant simulations mapped to multiple competencies.

#### **Branched Simulations**

Enable decision-making in real-life scenarios with adaptive pathways and consequences, helping learners build critical thinking and problem-solving skills.

#### Multiple Competency Mapping

Align learning activities and simulations to specific roles and skills, ensuring targeted and effective upskilling.



# Al & Advanced Analytics

## Turning Data into Actionable Intelligence

LearnYog's Al capabilities deliver deep insights and real-time intelligence to optimize learning outcomes

#### **AI-Driven Content Curation**

Personalized content recommendations based on individual learning behaviour and performance.

### **Advanced Reporting & Insights**

Monitor learning effectiveness, engagement patterns, and competency acquisition through detailed dashboards.

#### **Sentiment Analysis**

Gain insights into learner satisfaction and engagement through emotion and sentiment tracking, helping organizations refine learning strategies.



## **Key** Differentiators

#### Why Organizations Choose LearnYog

LearnYog redefines corporate learning with Al-driven intelligence, immersive experiences, and seamless integration, ensuring impactful and measurable outcomes.

#### **Unified Learning Ecosystem**

Centralize e-learning, ILT, and virtual sessions on a single Al-powered platform.

### Adaptive & Hyper-Personalized Learning

Deliver competency-based, self-paced learning journeys tailored to individual needs.

#### **Experiential & Immersive Training**

Enhance engagement with interactive simulations, gamified learning, and adaptive content.

## Al-Optimized ILT & Hybrid Training

Automate scheduling, tracking, and management of <u>instructor-led and blended learning</u>.

## Learning Intelligence & ROI Analytics

Leverage predictive analytics and Al-driven insights to measure training effectiveness and business impact.

# Who Can Benefit from LearnYog?

LearnYog is designed for organizations of all sizes from multinational corporations to small and medium enterprises as well as L&D leaders, HR professionals, CLOs, and training organizations seeking a strategic, data-driven approach to learning.

## This platform empowers organizations

Accelerate Workforce Upskilling

Align Learning with Business Goals

Enhance Employee Engagement and Productivity

Optimize Learning Delivery and Administration

Demonstrate Clear ROI from Training Investments

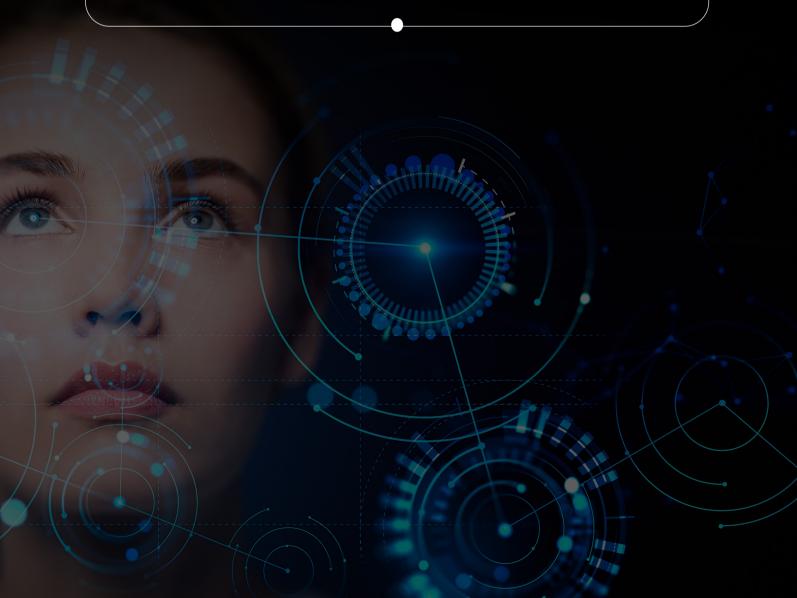


# A Learning Ecosystem for the Future

With its unique combination of advanced LMS functionality, immersive simulations, and Al-powered insights, LearnYog enables organizations to unlock the full potential of their workforce, stay future-ready, and drive continuous learning success

#### Choose LEARNYOG

Where Innovation Meets Impact, and Learning Drives Results.



## **Principle 1: Bias Mitigation**

# How does LearnYog address and reduce bias in its solutions?

LearnYog skills validation platform integrates multiple strategies to mitigate bias:

#### **Diverse Design Teams**

LearnYog's robust CMS driven content creation process can include diverse teams from various cultural, geographic, and academic backgrounds. This ensures inclusive content, simulations and assessments development. An automated author-reviewer process further ensures bias is identified and corrected before final publishing of content.

#### Multiple Evaluators for Subjective & Hybrid Assessments

To reduce bias in subjective & hybrid assessments, multiple evaluators can score each learner's performance against each decision point and associated targeted skills scores. Evaluator given scores are normalized, providing a fairer assessment. Al integration for learner sentiment analysis support educators by minimizing cognitive biases while scoring.

#### Multiple Attempts & Data Collection

Learners can be allowed to make multiple attempts. This enables us in gathering performance data at various decision points across all attempts. This helps identify and correct biases in scoring, ensuring consistency and fairness across assessments.

#### Audit and Reporting Flexibility

Administrators can audit content, assessments, feedback, and analytics at any time. This transparency allows for immediate identification and resolution of potential biases.

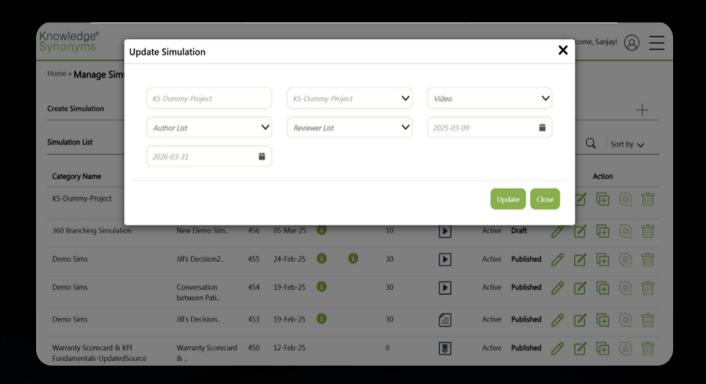
#### Admin level Bias Detection

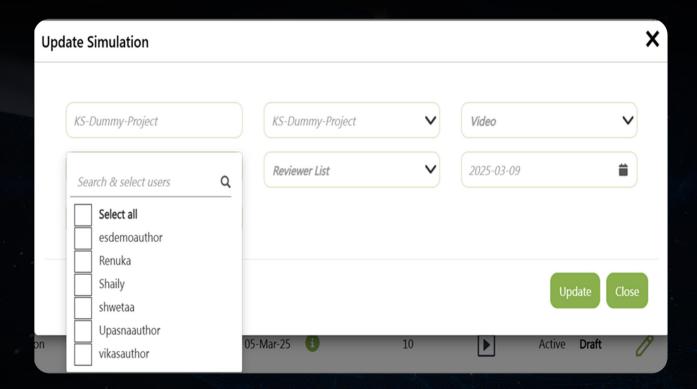
Al serves as an assistive tool for administrators, helping detect and flag potential biases by analysing GEN Al prompts, feedback and ratings.

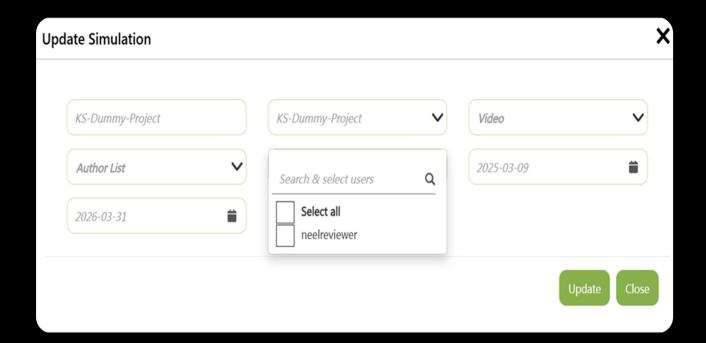
"A recent internal study by KS research group that includes diverse Learning Industry Leaders and Evangelists showed that our multi-evaluator approach reduced scoring discrepancies due to evaluator bias by 33%."

## **Diverse Design Teams**

Multiple Authors and Reviewers can be assigned for creation, review and fixes of any/each competency/skill mapped learning event, simulation or assessment.

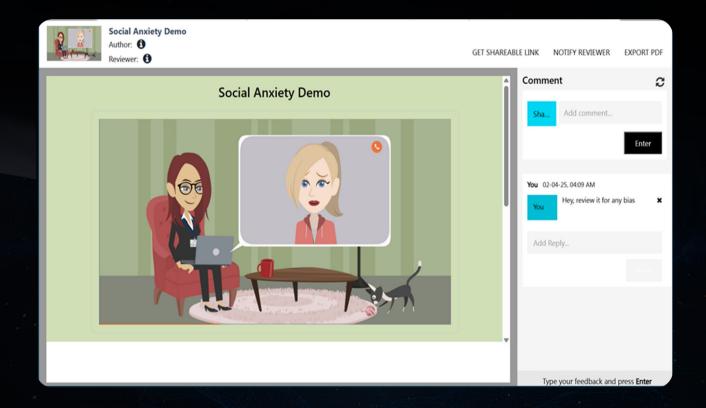






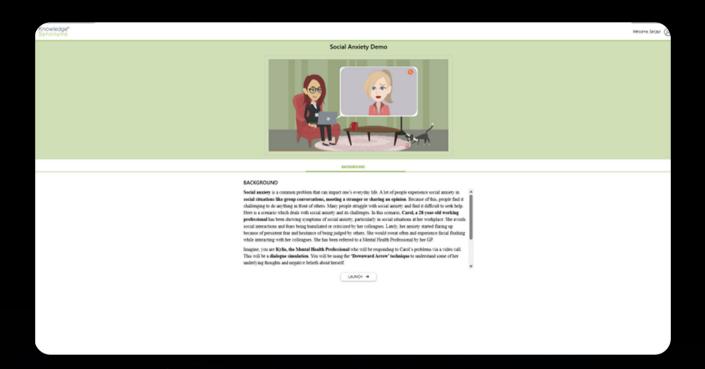
# Sensitivity Reviews

Automated workflow on content review between Creators/Authors and Reviewers.

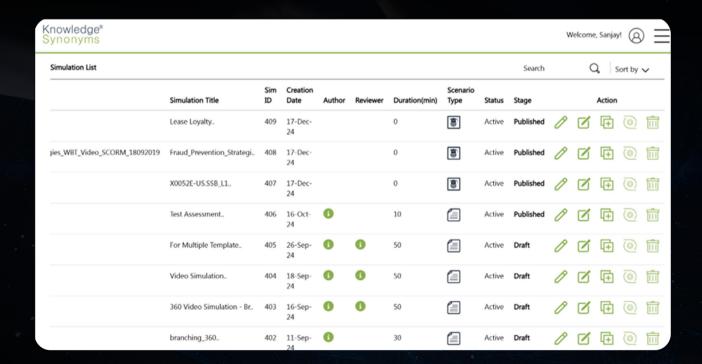


#### Bias Audits of Al & Human Validation Processes

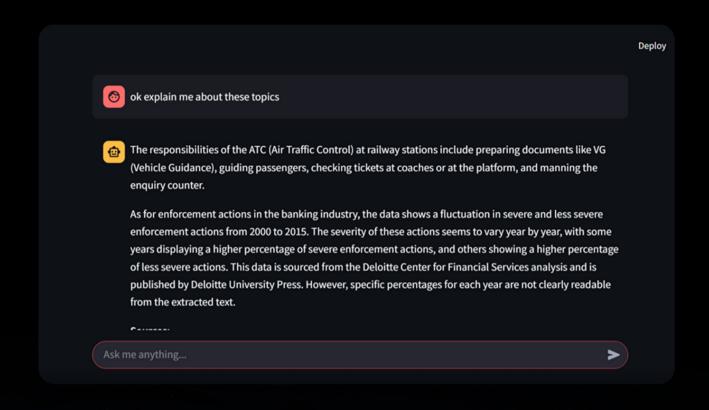
Admin or external auditor can audit all the content on the platform at any given time



and edit it on the fly to remove any human bias.



LearnYog/ES Ai Agent helps quickly audit any content existing on the platform and generates bias insights.



# Principle 2: Accessibility, Fairness, & Inclusivity

What steps have been taken to ensure that LearnYog is fair, inclusive, and accessible to everyone, regardless of disability, native language, or personal background?

The LearnYog platform is committed to accessibility, fairness, and inclusivity, ensuring equal access to skills validation for all, regardless of disabilities, language, or background. Our approach includes:

#### Multilingual and Contextual Adaptation

LearnYog offers multilingual support and avoids region-specific references to ensure content is accessible to a global audience. Creators can tailor content using sub-domains that reflect regional languages and customs.

#### Flexible Skill Demonstration Options

We provide various ways to demonstrate skills (voice, written, video & screen recording), ensuring fair assessment for individuals with different strengths or disabilities, while maintaining consistent evaluation criteria.

#### **Accessibility**

The platform supports assistive technologies like closed captions, and alternative input methods (e.g., voice commands) to ensure accessibility for users with visual, auditory, or motor disabilities.

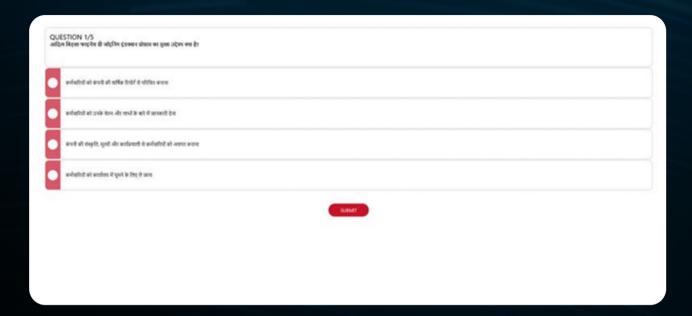
#### Fairness in Validation

LearnYog content can be optimized for low-bandwidth environments, ensuring participation for users with limited internet access. We offer flexible pricing models and explore partnerships to serve underserved communities.

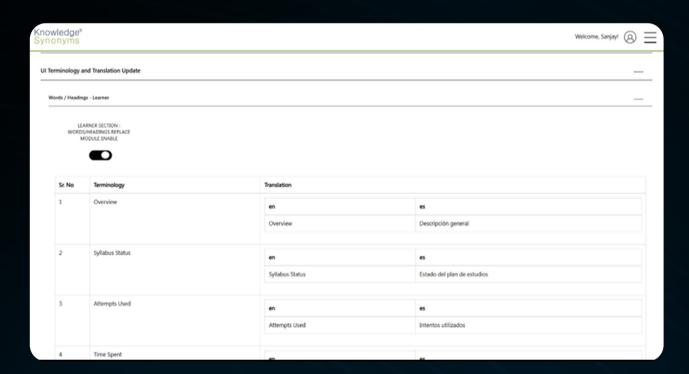
"Currently, Learn Yog supports over 22 languages and has seen a 40% increase in adoption from non-English speakers worldwide."

# Multilingual and Contextual Adaptation

Multi-lingual content, simulations and assessments can be created and delivered.

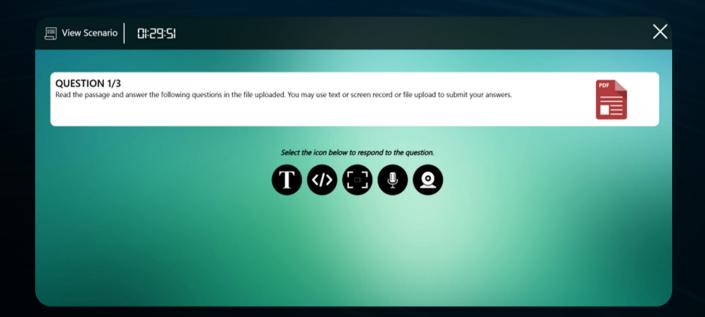


# Platform UI can also be translated into any language



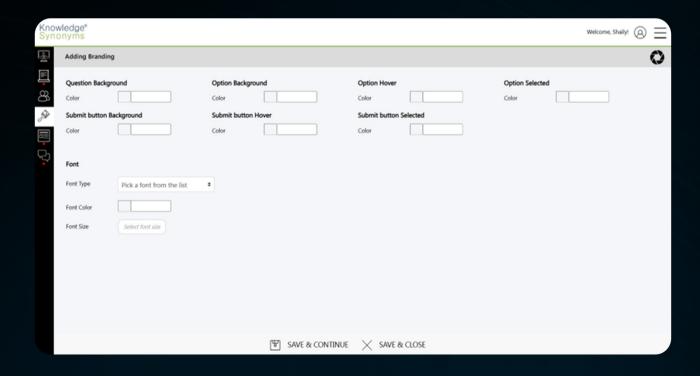
## Flexible Demonstration Options

Platform supports accessibility, disabled learners are encouraged to use any tool (audio, video, text, screen record) to submit their answers.

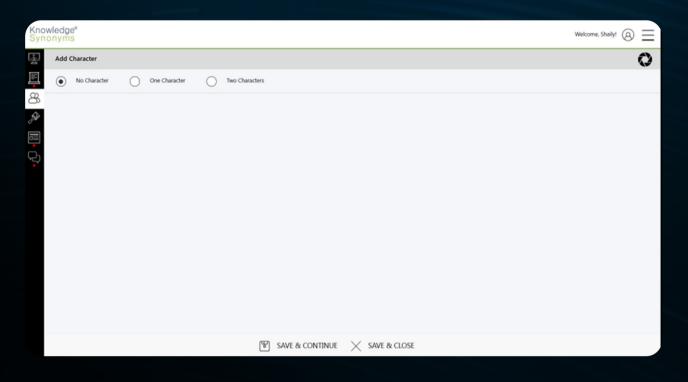


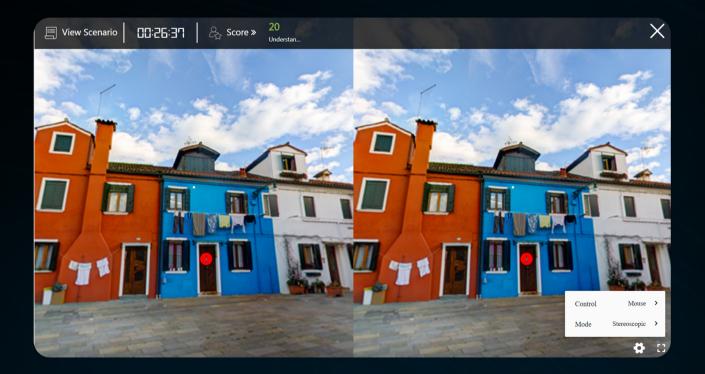
## Assistive and Adaptive Technology

Colors, font, size control to creator/author provide accessible experience



Addition/non-addition of avatars to bring in more accessibility sensitivities while creating learning events, simulations and assessments.

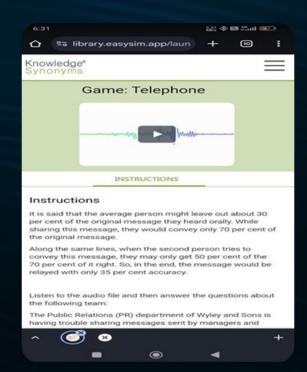




### Fairness in Validation

Low bandwith as well as Mobile Apps based access to ensure fairness in access and validation.





# PRINCIPLE 3: Transparency & Trust

# How does LearnYog help stakeholders clearly understand how skills are defined, assessed, and verified?

The LearnYog/ES Platform fosters transparency and trust by ensuring stakeholders learners, educators, and organizations understand how skills are defined, evaluated, and validated. We prioritize clarity, visibility, and actionable feedback:

#### Clearly Defined Skill Criteria

Creators can define customized competency matrices for each learning event, providing a clear, objective framework for skill validation tailored to learning objectives associated with a job role/situation.

#### **Transparent Results**

Learners and stakeholders have full visibility into results, with detailed explanations of scoring and the criteria used for evaluation, ensuring clarity behind each skill's proficiency level.

#### Constructive Feedback

Actionable, targeted feedback can be provided at key decision points, with targeted remediation based on proficiency demonstrated and skill gaps, guiding learners on how to improve.

#### Analytics & Insights

Detailed analytics are available to administrators, managers, educators and learners, offering tailored insights for decision-making and performance interventions.

#### **Human Oversight of AI Evaluation**

Al tools, such as sentiment & attention analysis and proctoring, assist educators but do not replace human judgment. Educators have final authority to evaluate and score assessments.

#### Explainable Al & Transparency

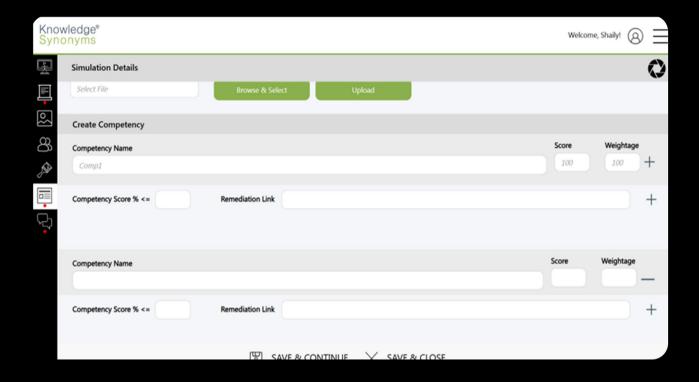
All Al-driven evaluation processes are documented, explainable, and auditable, ensuring stakeholders understand how Al supports decision-making and scoring.

"Our custom Algorithm generated scores come with explainable decision trees, allowing educators to configure their own logic and trace back how each score was assigned."

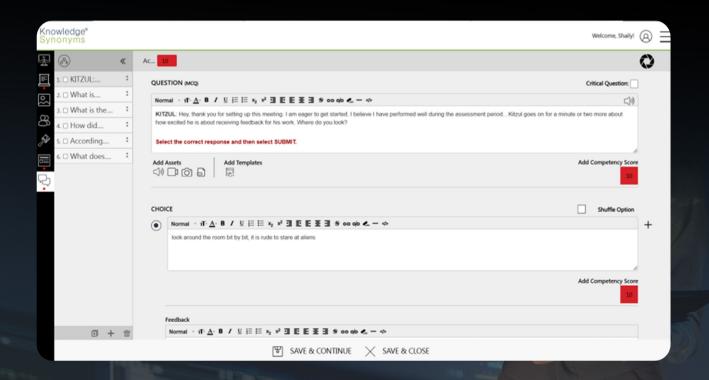


# Clearly Defined Skill Criteria

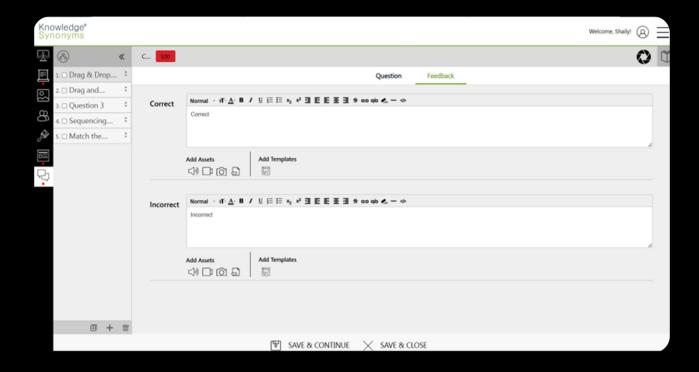
Transparent multi-competency/skill matrix creation



Transparent mapping of competency/skills at each decision point and choices level

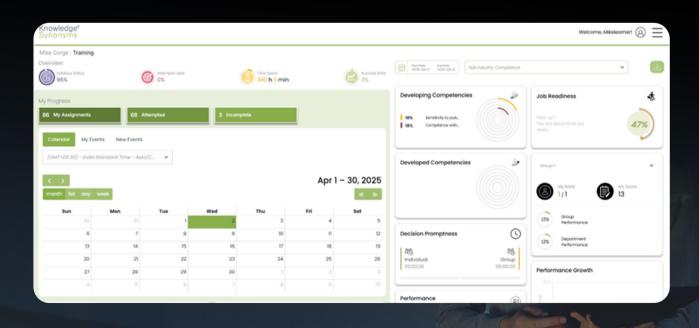


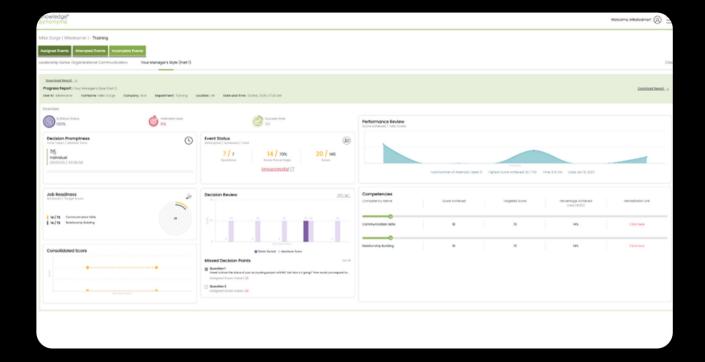
#### Transparent feedback mapping basis decision made



# **Transparent Results**

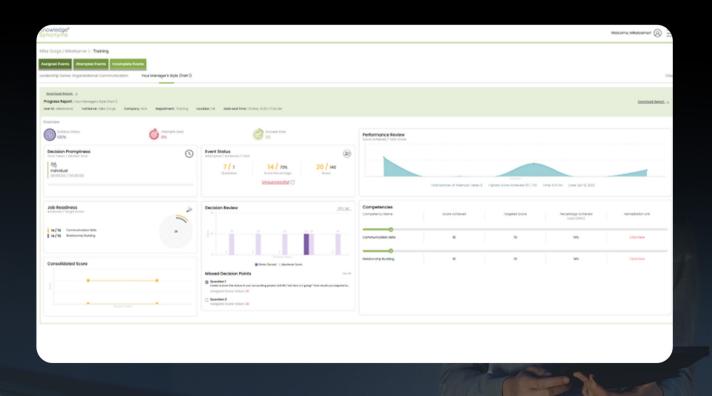
Transparent Actionable Insights at Learner Level





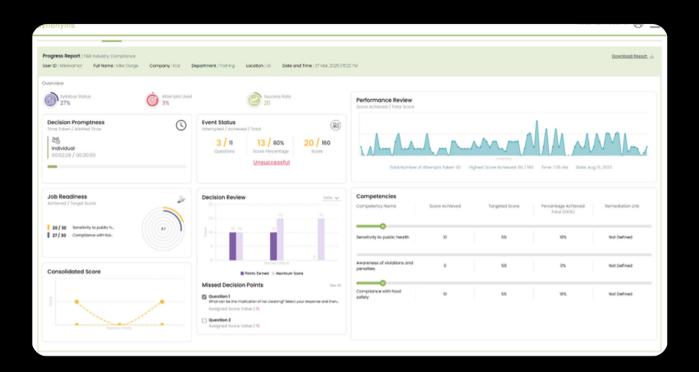
# Constructive Feedback Mechanisms

Transparent skill proficiency level remediation as well feedback at each decision point.

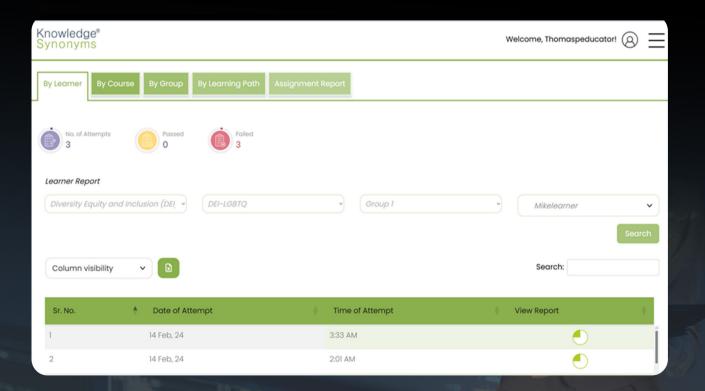


# Analytics & Actionable Insights

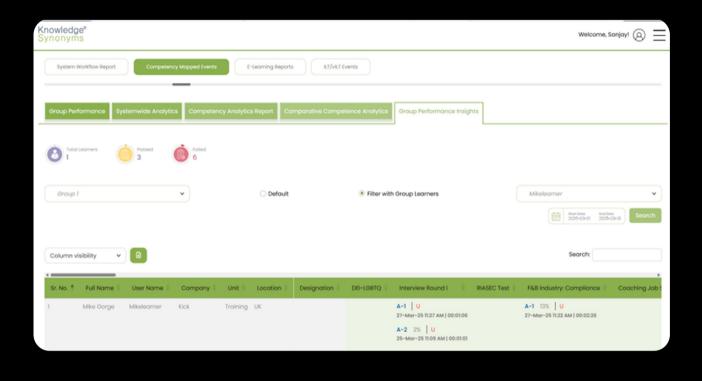
Transparent Actionable Insights at learner Level

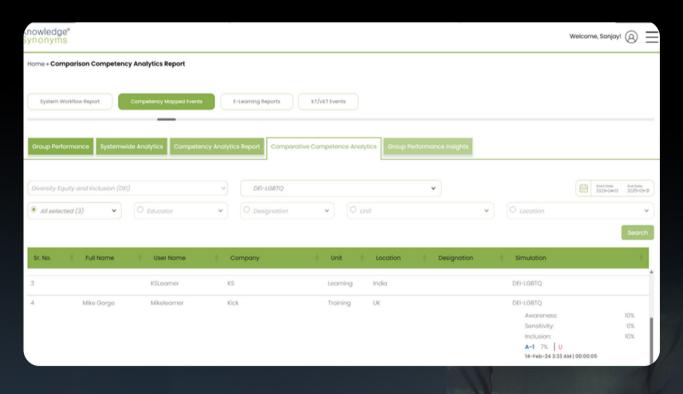


Transparent Actionable Insights at Educator Level



#### Transparent Actionable Insights at Administrator Level

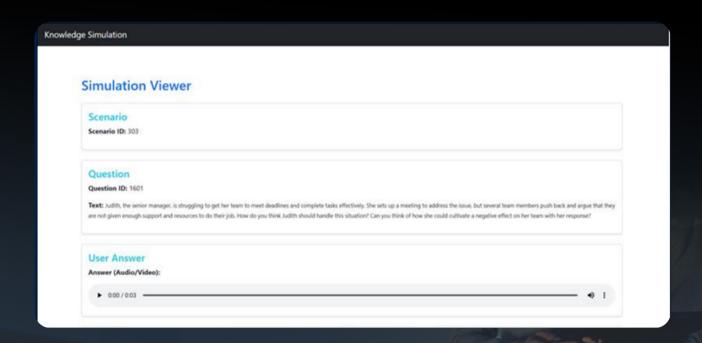




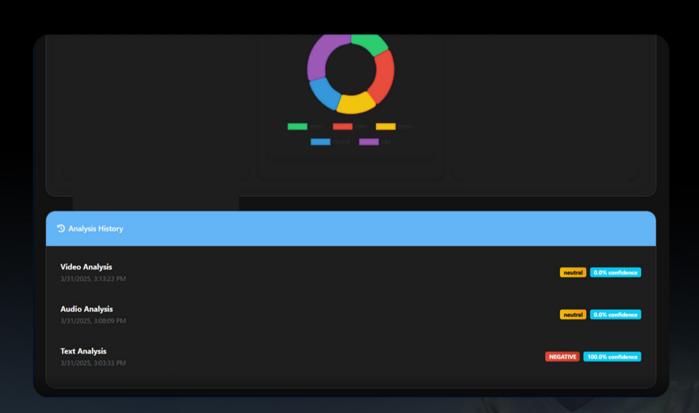
## **Human Oversight of AI Evaluation**

Ai assisted sentiment analysis for text, audio and video is available to all educators assigned to an event and cohort, assisting in evaluating and scoring.



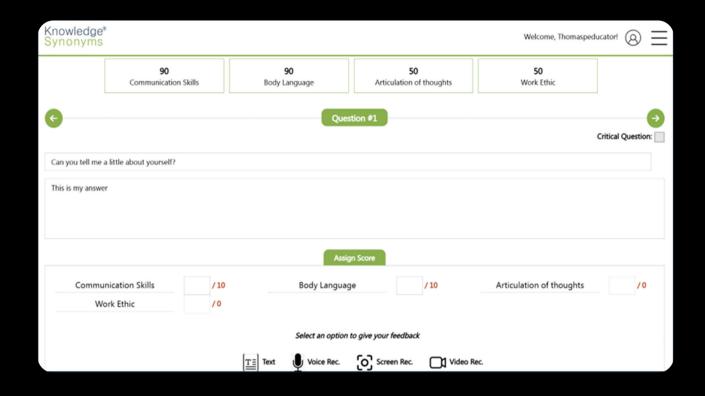






Ai assisted sentiment analysis for text, audio and video is available to all educators assigned to an event and cohort, assisting in evaluating and scoring.

# Educator is the final authority to evaluate and provide scores and feedback. Ai is just being used as an assistant.





# Principle 4: Performance-Based Evidence & Real-World Contexts

In what ways does LearnYog validate skills using real-world, demonstrable evidence instead of relying only on indirect indicators or knowledge-based assessments?

The LearnYog Platform focuses on validating skills through real-world, performance-based evidence, ensuring individuals prove their abilities in job-relevant contexts rather than relying on theoretical knowledge.

#### Performance-Based Evidence

LearnYog validates skills through job-specific scenarios mapped to multiple competencies/skills, using immersive media like videos, audio, images, documents, eLearning to reflect real tasks. This approach measures how well learners apply their skills in practical settings.

#### Industry-Relevant Application

The platform enables the creation of learning events, simulations and assessments tailored to specific industries, job roles and job specific situations, ensuring skills are validated in ways that align with actual job requirements across sectors like education, healthcare, finance, and technology etc.

#### Recognition of Prior Learning (RPL)

Learners can showcase skills acquired through prior learning. These skills are validated in job-specific scenarios to help create a proper inventory of RPL, further promoting inclusivity.

### Ongoing Documentation & Skill Tracking

Skills are continuously tracked, allowing learners to demonstrate growth over time. Detailed analytics show progression, enabling both learners and stakeholders to monitor skill development.

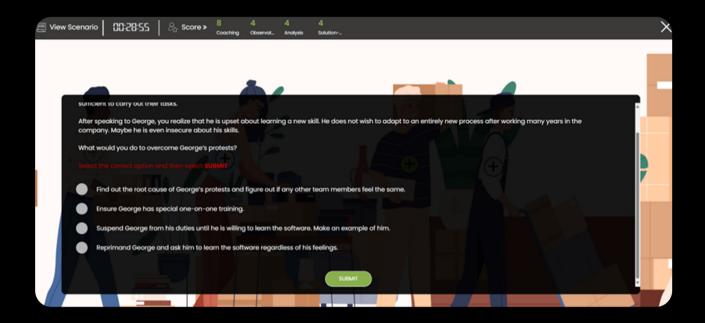
#### Auditability & Transparency

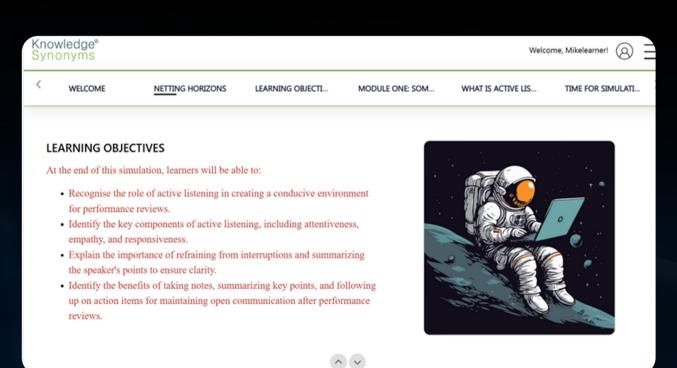
All validation records are stored and accessible for auditing, ensuring transparency and accountability. Skills and progress are easily verifiable by learners, educators, and organizations.

"In collaboration with a leading healthcare provider, our simulation-based skill validation improved clinical task proficiency by 25%."

## **Real World Contexts**

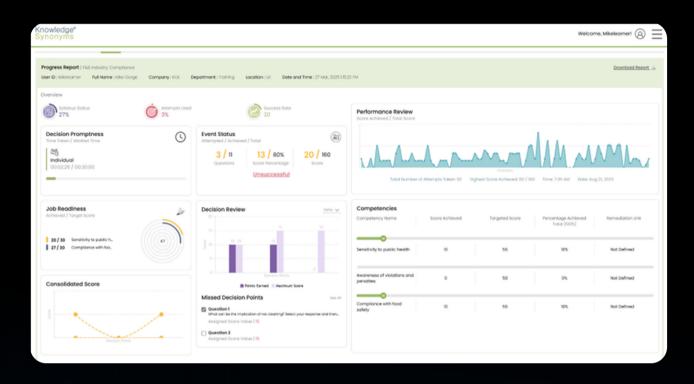
Industry, function and Job Role specific multi-competency mapped learning, assessment and scenario driven simulation events.

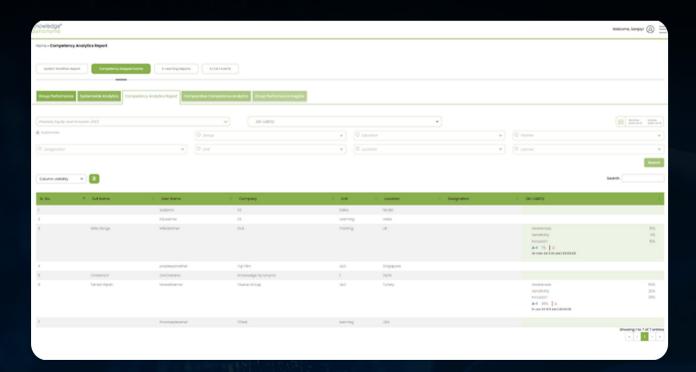




## Performance Based Evidence and Ongoing Documentation

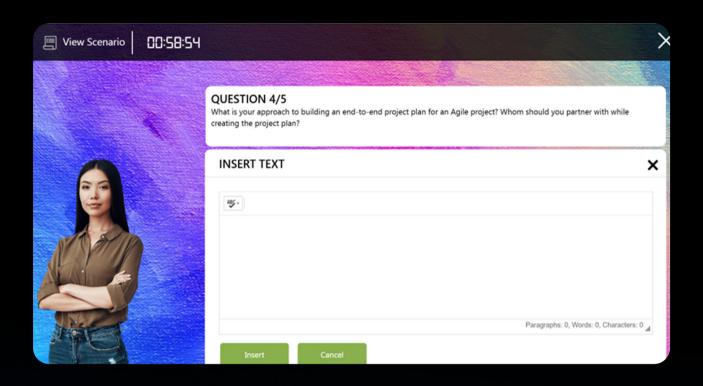
Available for Learners, Cohort Educators, Training Managers and Administrators. Data for each attempt, progression and certificates is readily available. Filters can be applied for Learner, Group, Unit, Designation, Department, Location, Educator, Systemwide etc to generate relevant reports and insights.

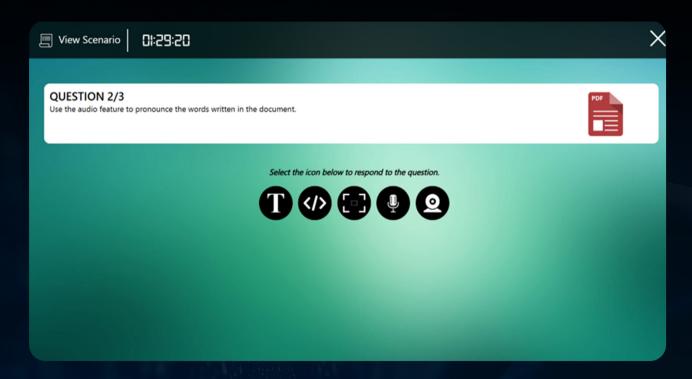




# Recognition of Prior Learning

Prior learnings can be assessed and documented by automated, subjective and hybrid assessments and simulations.





# Principle 5: Data, Security, & Integration

# What measures are in place to ensure that LearnYog is secure, ethical, and compatible with other systems?

The LearnYog/ES Platform ensures secure, ethical, and interoperable skills validation. We focus on user data protection, seamless integration, and compliance with industry standards:

#### Interoperability & Integration

The platform integrates smoothly with third party systems like LMS, HRMS, ATS, and credentialing bodies through LearnYog API suite, supporting both large and small-scale deployments.

#### Data Ownership & Control

Learners and clients have full control over their data, including the ability to manage, export, and share performance data with relevant stakeholders securely. Ownership of content created on the client instance always remains with client.

#### Data Privacy & Security

LearnYog is hosted on Microsoft Azure Cloud, the platform uses end-to-end encryption and segregates client data to ensure security. We comply with GDPR, FERPA, and other regulations and implement secure sign-on and MFA to prevent unauthorized access.

## Compliance with Industry Standards

LearnYog complies with ISO 27001 and holds SOC II certification, demonstrating our commitment to the highest data security and governance standards.

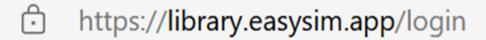
"We employ AES-256 encryption with SOC 2 compliance and role-based access to ensure data privacy."

# Data Privacy & Security

## Encrypted Database

0	c4ca4238a0b923820dcc509a6f75849b	learner
0	c4ca4238a0b923820dcc509a6f75849b	admin
0	c4ca4238a0b923820dcc509a6f75849b	educato
0	c4ca4238a0b923820dcc509a6f75849b	author
0	c4ca4238a0b923820dcc509a6f75849b	learner
0	c4ca4238a0b923820dcc509a6f75849b	educato

# Wildcard SSL



## **LOGIN**

OR

## **Login with Microsoft**

Create an Account

Forgot Password?

## CMM III, SOC II, ISO/IEC 27001, GDPR Compliant



# Interoperability & Integration

Integrations with third party applications using LearnYog APIs



# Data Ownership & Control

Each client has full access, control and ownership of their data.

# Principle 6: Scalability & Adaptability

# How is LearnYog designed to scale with increasing demand and adapt to evolving workforce and educational requirements?

The LearnYog/ES Platform is built to scale with demand and adapt to evolving workforce and educational needs, ensuring cost-effectiveness and growth. Here's how we ensure scalability and adaptability:

#### Sustainable Growth Models

The platform uses a cost-effective, scalable multi-tenant architecture that supports organizations of all sizes. Each client gets a branded subdomain and exclusive database, offering security and performance at scale.

#### Scalable Technical Infrastructure

Hosted on Microsoft Azure Cloud, the platform dynamically scales to handle increased user demand, ensuring fast, reliable, and responsive performance, even during peak usage.

#### Agile Development

We follow an agile approach, continuously improving based on user feedback and industry trends. Regular updates ensure the platform adapts to evolving learner and organizational needs.

## Future-Proofing & Innovation

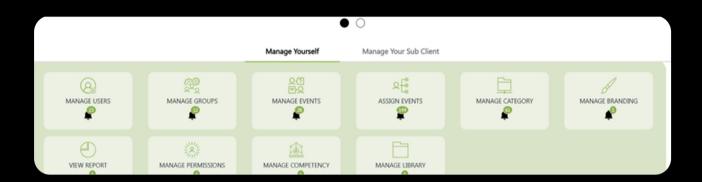
We invest in emerging technologies like VR, ML, Al, and Blockchain to offer innovative features, keeping the platform ahead of industry advancements.

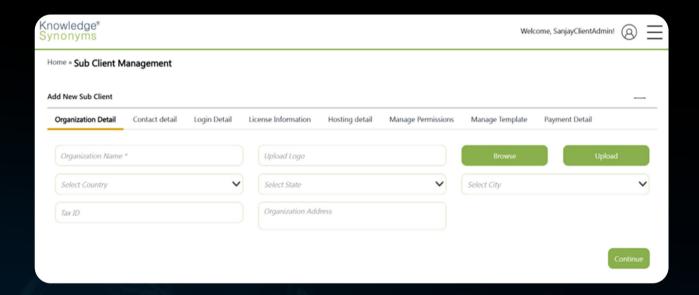
"Our cloud-based architecture has seamlessly scaled to accommodate over 500,000 users globally."



## Scalable Technical Infrastructure

LearnYog's Al capabilities deliver deep insights and real-time intelligence to optimize learning outcomes





Multi-location Virtual Machines to support data localization and adaptation.

#### Sustainable Growth Models

Our cloud-based architecture has seamlessly scaled to accommodate over 500,000 users globally. Total cost of ownership alongwith licensing fees comes lot lower than other platforms. Client specific engagements and business models are also available.

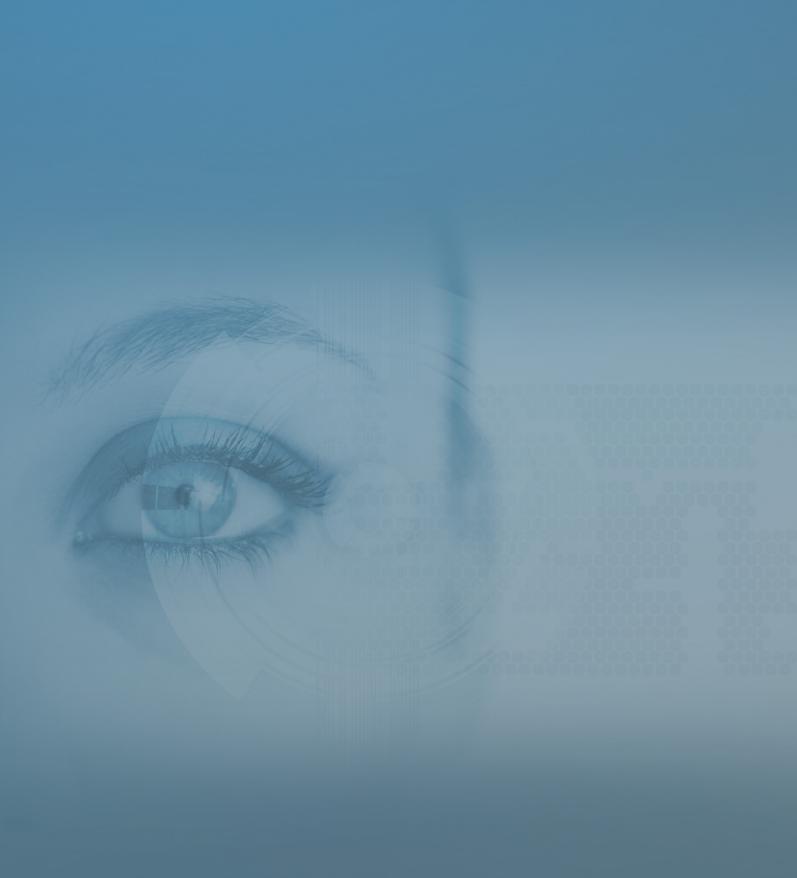
### Agile Development

Platform is continuously being updated with new features, workflows and insights based on client feedback, market dynamics and technological advancements. All platform upgrades are provided to our customers at no additional cost.

## Future-Proofing & Innovation

Platform is continuously evolving to accommodate cutting age technologies like ML, Ai, AR/VR and blockchain etc. Ai-agent, Ai based knowledge management, sentiment analysis and proctoring etc are few such innovations.





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