UNICORN DIGITAL COURT ROOM

FOR JUSTICE

Gold
Microsoft Partner
Microsoft

TECH UNICORN | Unicorn

Endless possibilities with Teams & Azure Communication Services

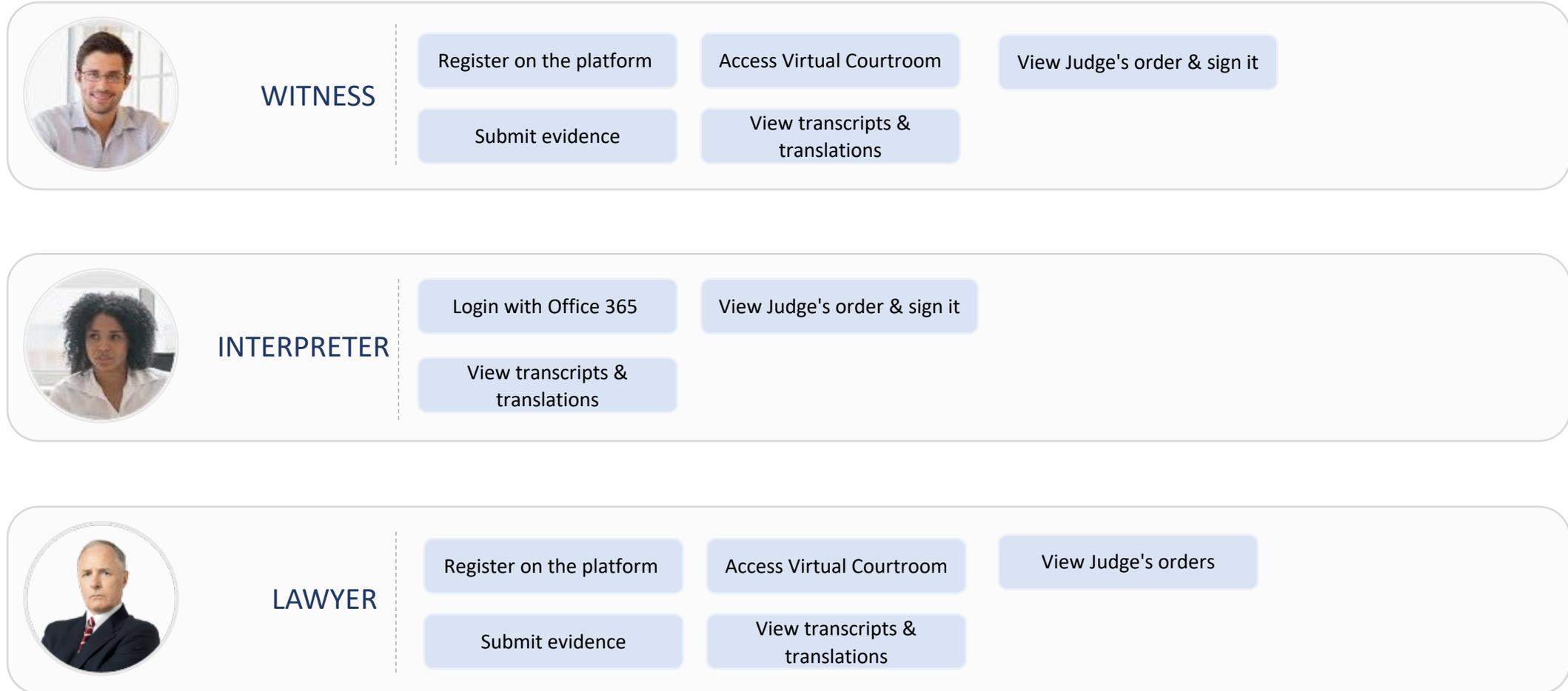|			
Remote & Virtual Hearings	Live Broadcast Public Hearings	Auto Recording & Archiving of Hearings	Real-time Translation & Transcription
	Personalized Courtrooms	Evidence Management	3rd Party API Integration
Protected Identity	Registration & Notifications	Access History Data	Private calling
	Document Co-authoring	Moderation & Monitoring	Image Recognition & Optical Character Recognition (OCR)

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Features	Zoom	Cisco Webex	Microsoft + UDCR
Remote & Virtual Hearings	✓	✓	✓
Live Broadcast Public Hearings	✓	✓	✓
3rd Party API Integration	✓	✓	✓
Private calling / Breakout rooms	✓	✓	✓
Moderation & Monitoring	✓	✓	✓
Evidence Management	✗	✗	✓
Auto Recording & Archiving of Hearings	✗	✗	✓
Protected Identity	✗	✗	✓
Registration & Notifications	✗	✗	✓
Access History Data	✗	✗	✓
Real-time Translation & Transcription	✗	✗	✓
Document Co-authoring	✗	✗	✓
Personalized Courtrooms	✗	✗	✓
Image Recognition & Optical Character Recognition (OCR)	✗	✗	✓

Role-based access and courtroom control
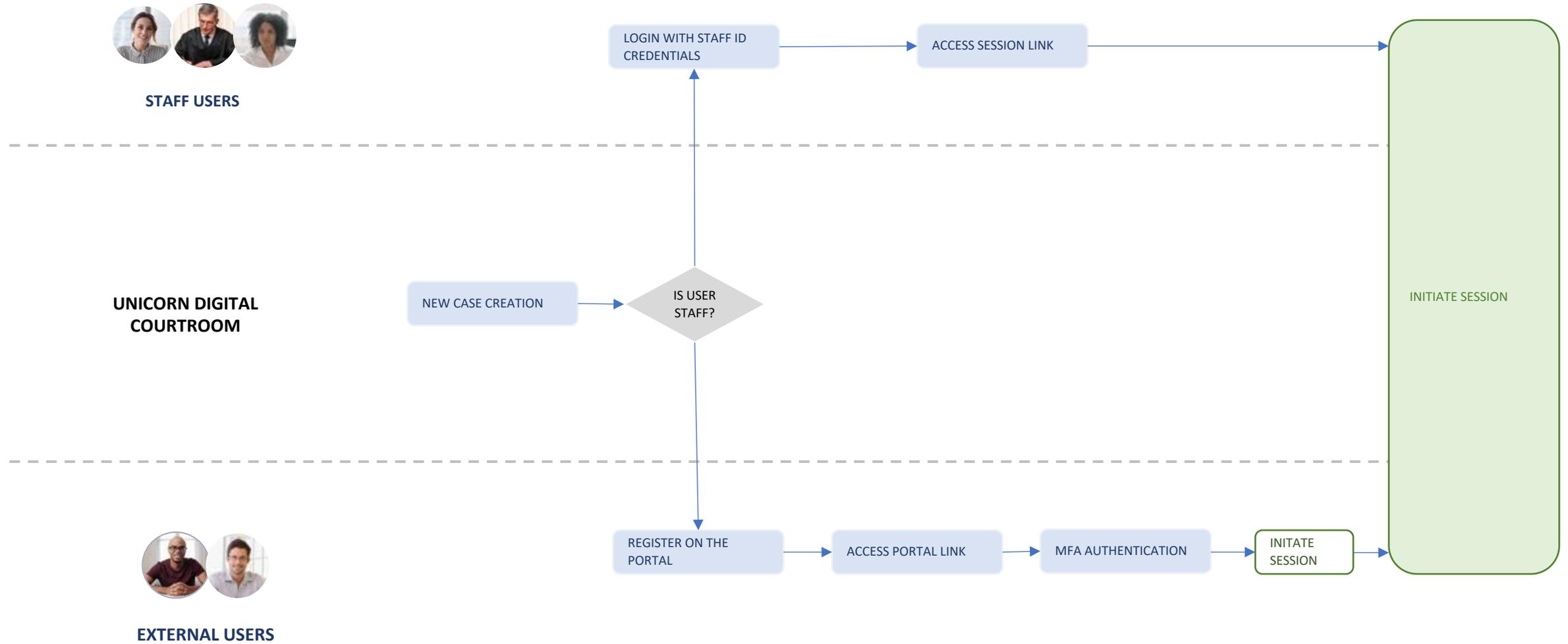
JUDGE

Login with Office 365	View past recordings	Take control of the hearing	Digital signature
Access case info	Update case status	Issue orders	View transcripts & translations

ADMIN

Login with Office 365	View past recordings	Moderate hearings	View Judge's order & sign it
Access case info	Update case status	View transcripts & translations	

CLAIMANT/ DEFENDANT

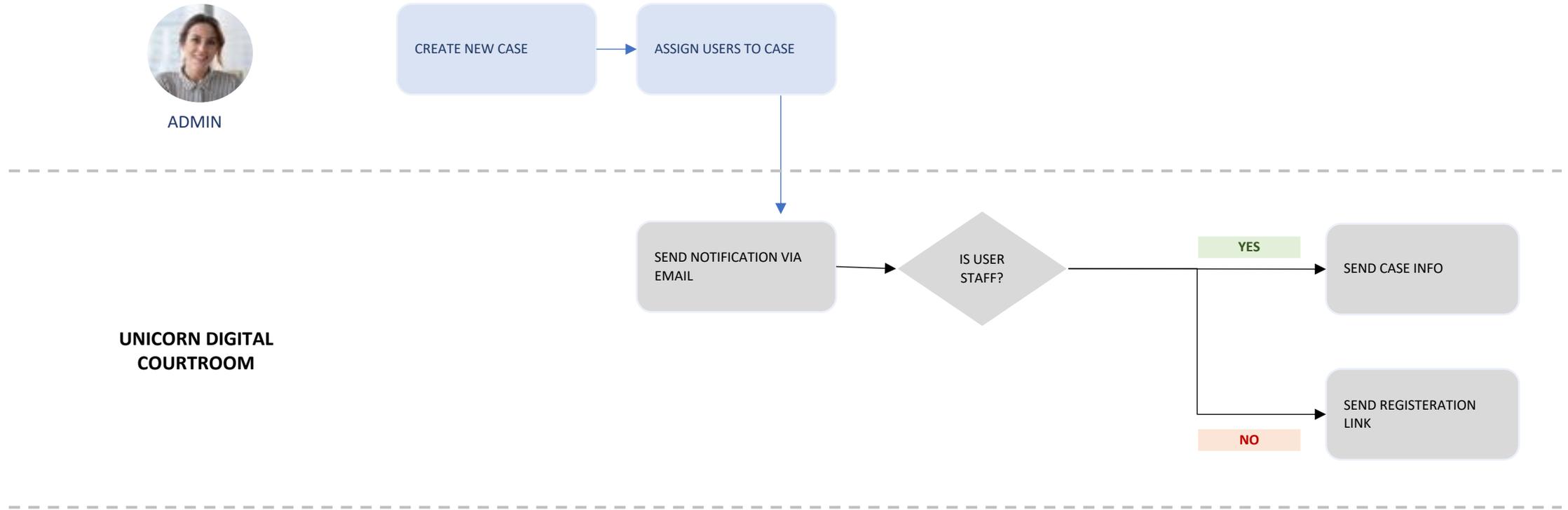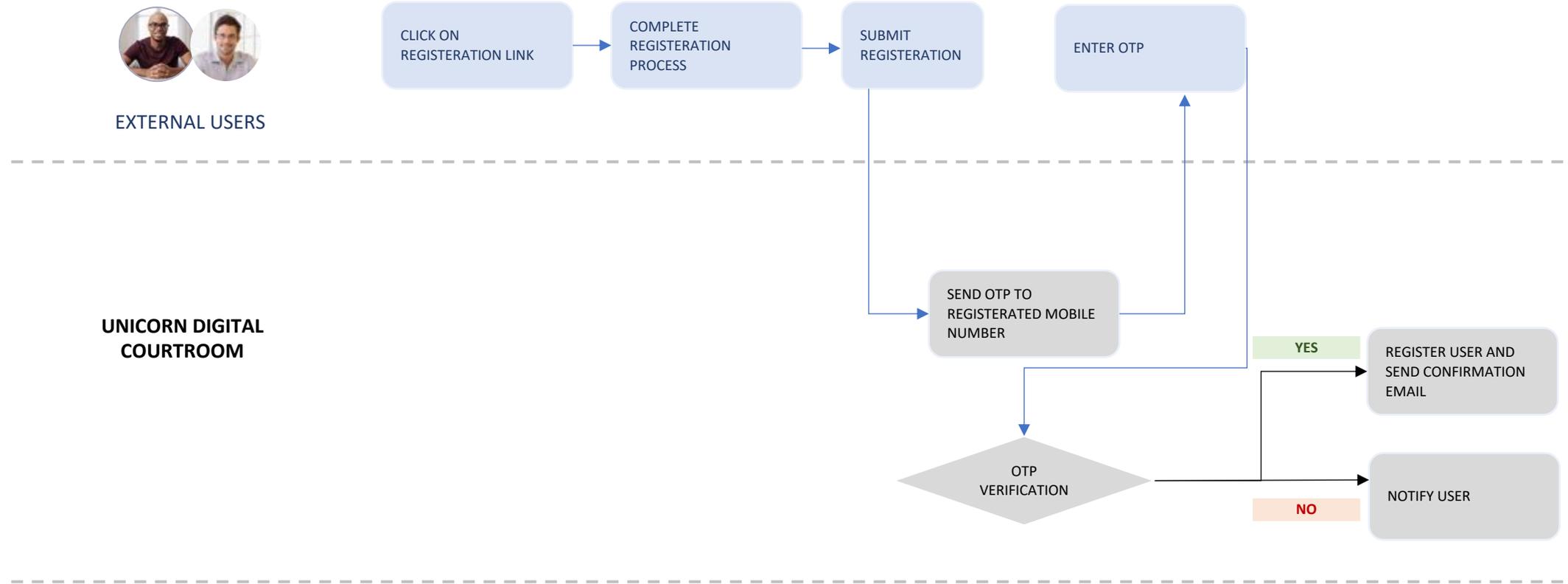|		
Register on the platform	Access Virtual Courtroom	View Judge's order & sign it
Submit evidence	View transcripts & translations	

Role-based access and courtroom control

WITNESS

Register on the platform

Access Virtual Courtroom

View Judge's order & sign it

Submit evidence

View transcripts & translations

INTERPRETER

Login with Office 365

View Judge's order & sign it

View transcripts & translations

LAWYER

Register on the platform

Access Virtual Courtroom

View Judge's orders

Submit evidence

View transcripts & translations

Authentication & sign-in process

STAFF USERS

LOGIN WITH STAFF ID CREDENTIALS → ACCESS SESSION LINK →

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NEW CASE CREATION → IS USER STAFF?

INITIATE SESSION

EXTERNAL USERS

REGISTER ON THE PORTAL → ACCESS PORTAL LINK → MFA AUTHENTICATION → INITATE SESSION →

Case creation process & integration with existing Case Management Systems

ADMIN

CREATE NEW CASE → ASSIGN USERS TO CASE

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SEND NOTIFICATION VIA EMAIL → IS USER STAFF?

YES → SEND CASE INFO

NO → SEND REGISTERATION LINK

User registration & online payments for Digital Courtroom access

EXTERNAL USERS

CLICK ON REGISTERATION LINK → COMPLETE REGISTERATION PROCESS → SUBMIT REGISTERATION → ENTER OTP

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SEND OTP TO REGISTERATED MOBILE NUMBER

OTP VERIFICATION

YES → REGISTER USER AND SEND CONFIRMATION EMAIL

NO → NOTIFY USER

External User Login

EXTERNAL USERS

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ENTER CREDENTIALS ON LOGIN PAGE

ENTER OTP

SEND OTP TO REGISTERED PHONE NUMBERS

IS OTP VERIFIED

YES

NO

NOTIFY USER

ENTER MEETING INITIATION NOW
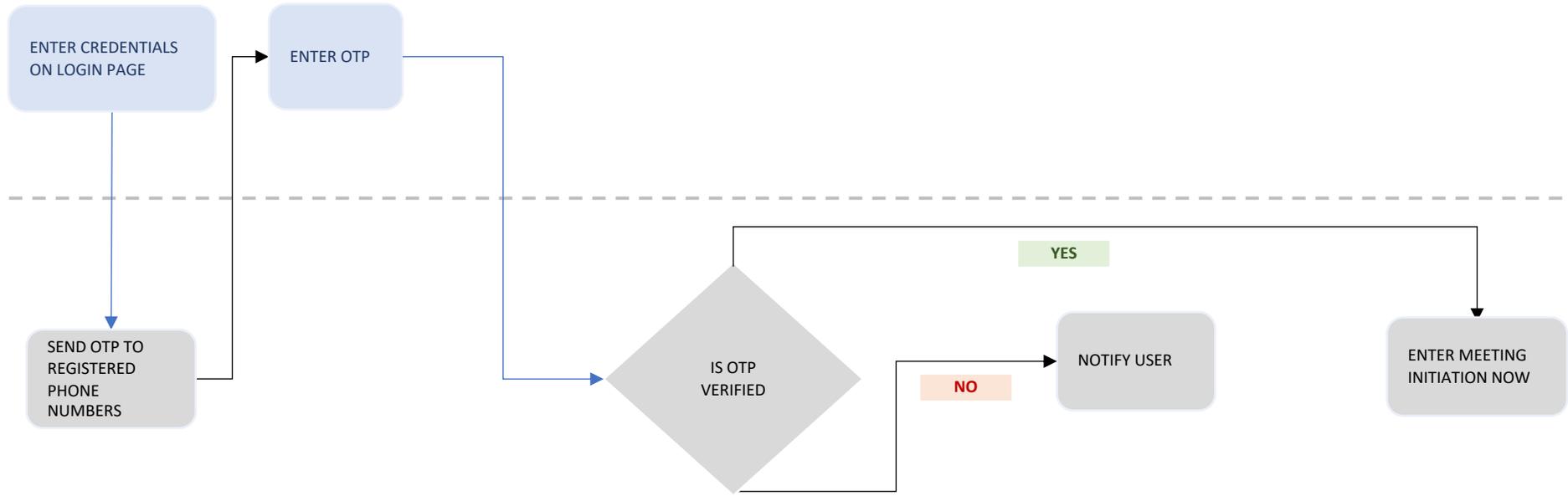
Meeting Initiation for External Users

EXTERNAL USERS

VIDEO BRIEFING SCREEN → AUDIO TEST → CAMERA TEST → ID VERIFICATION → ENTER LOBBY ⇢ START PRIVATE CALL

ENTER PRIVATE CALL → ENTER SESSION

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IS CALL ALLOWED

YES

NOTIFY USER

START SESSION

NO

ADMIN

CHECK IS ALL PARTICIPANTS HAVE ARRIVED → INITIATE HEARING SESSION

10
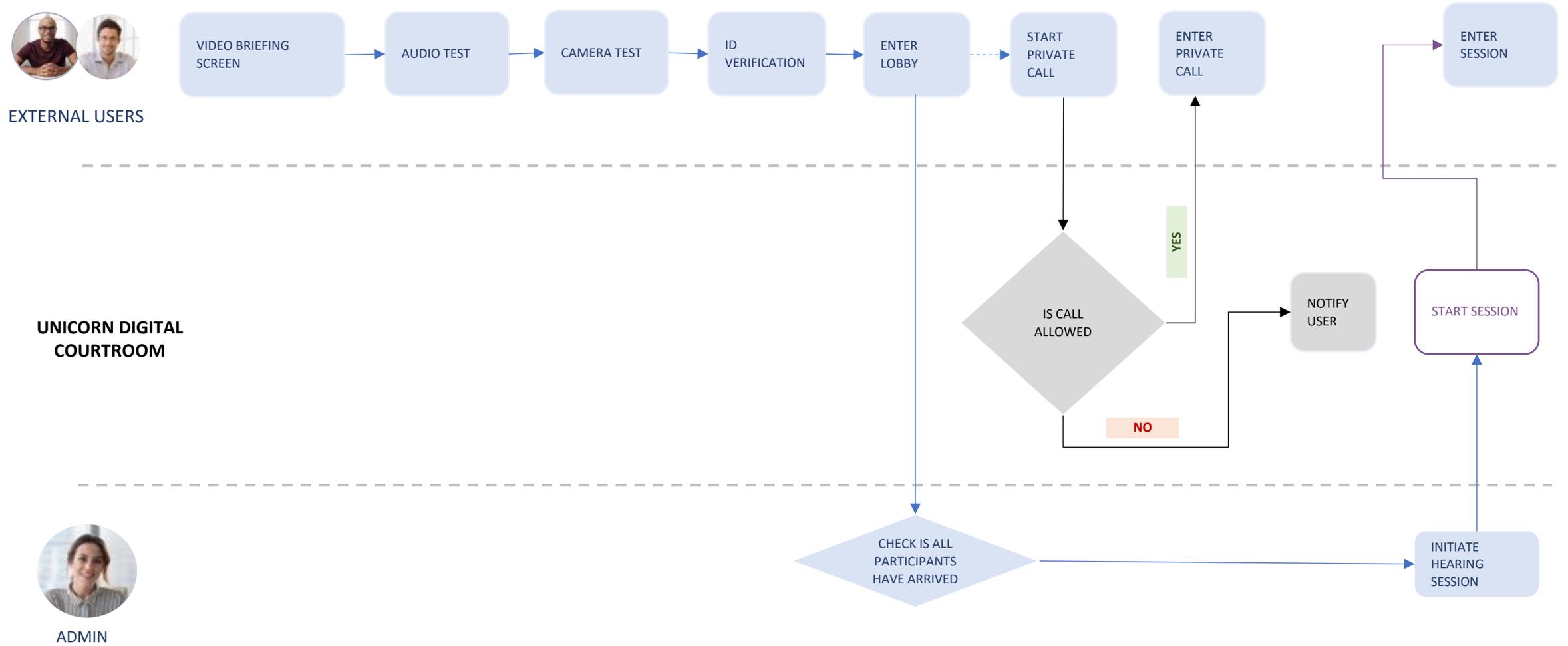
Moderation Process during Session

Disturbance and commotion occurs in session

All members are muted

One member is allowed to speak

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ONGOING SESSION

MODERATE SESSION BY MUTING EACH MEMBER

UNMUTE DESIGNATED MEMBER TO SPEAK

JUDGE

ADMIN

JUDGE

ADMIN
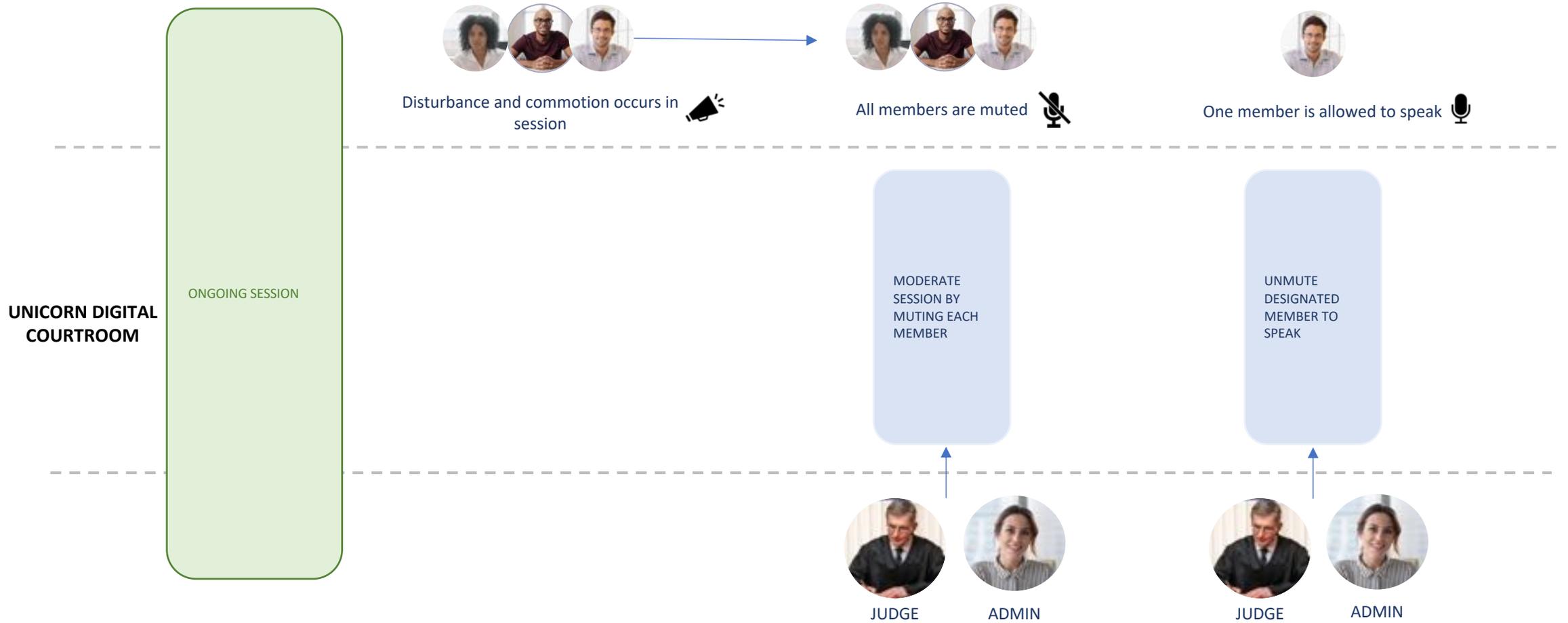
Fully customized digital courtroom that allows you to personalize like never before
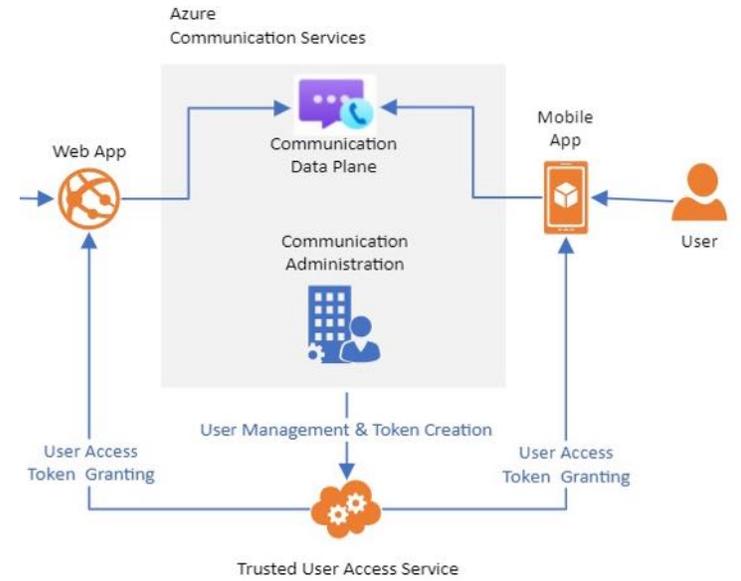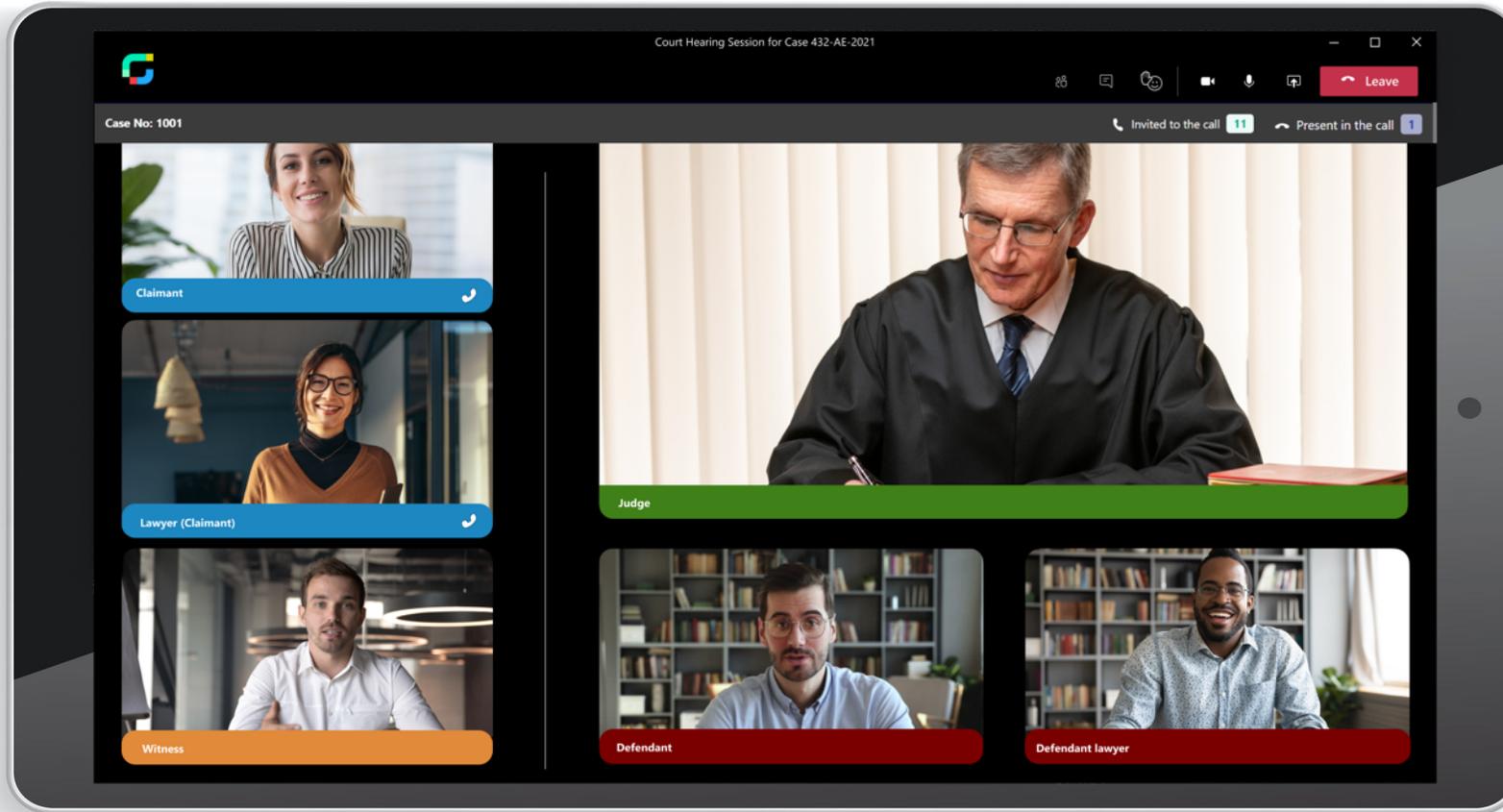
ACS & Teams Interoperability makes the solution accessible from wherever you are

Unified Meeting Space

Azure Communication User → Contoso App → Azure Communication Services ← Microsoft Teams ← M365 User

Azure Token and Meeting Context Sharing

Contoso Service

Use Graph to obtain Meeting Context

01:55:05

Resume | ... ℹ | Leave

Leave

On hold 00:23

Jean Claude
Defendant

Paul Couture
Admin
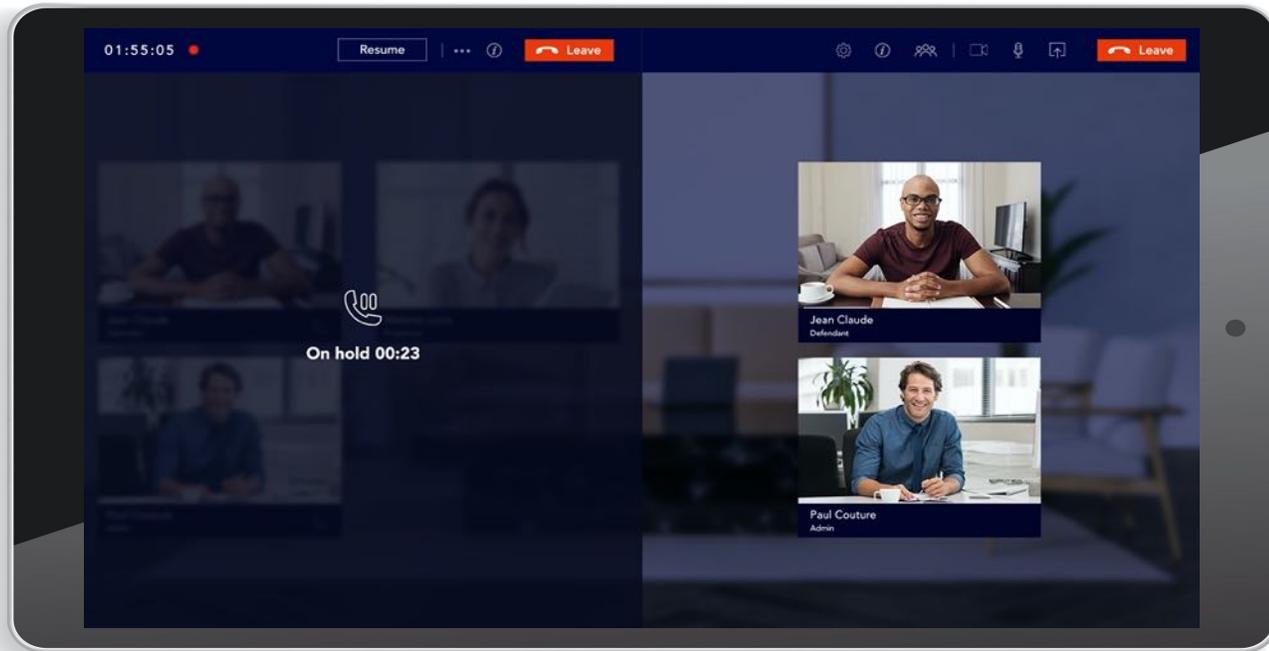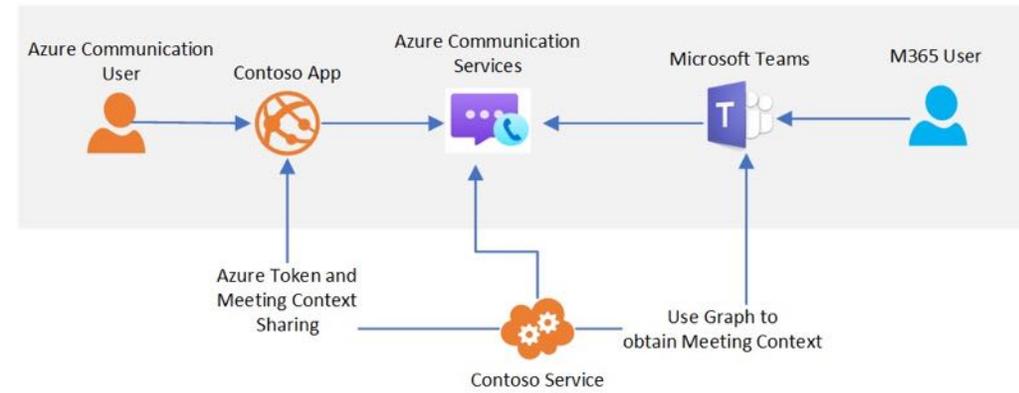
Fully customizable registration form with payment gateway integration


Participants of the session (excluding government personnel) can register onto the web portal for virtual hearings by entering relevant details.
This will then be cross-verified with the organization database.

# Registration confirmation via email
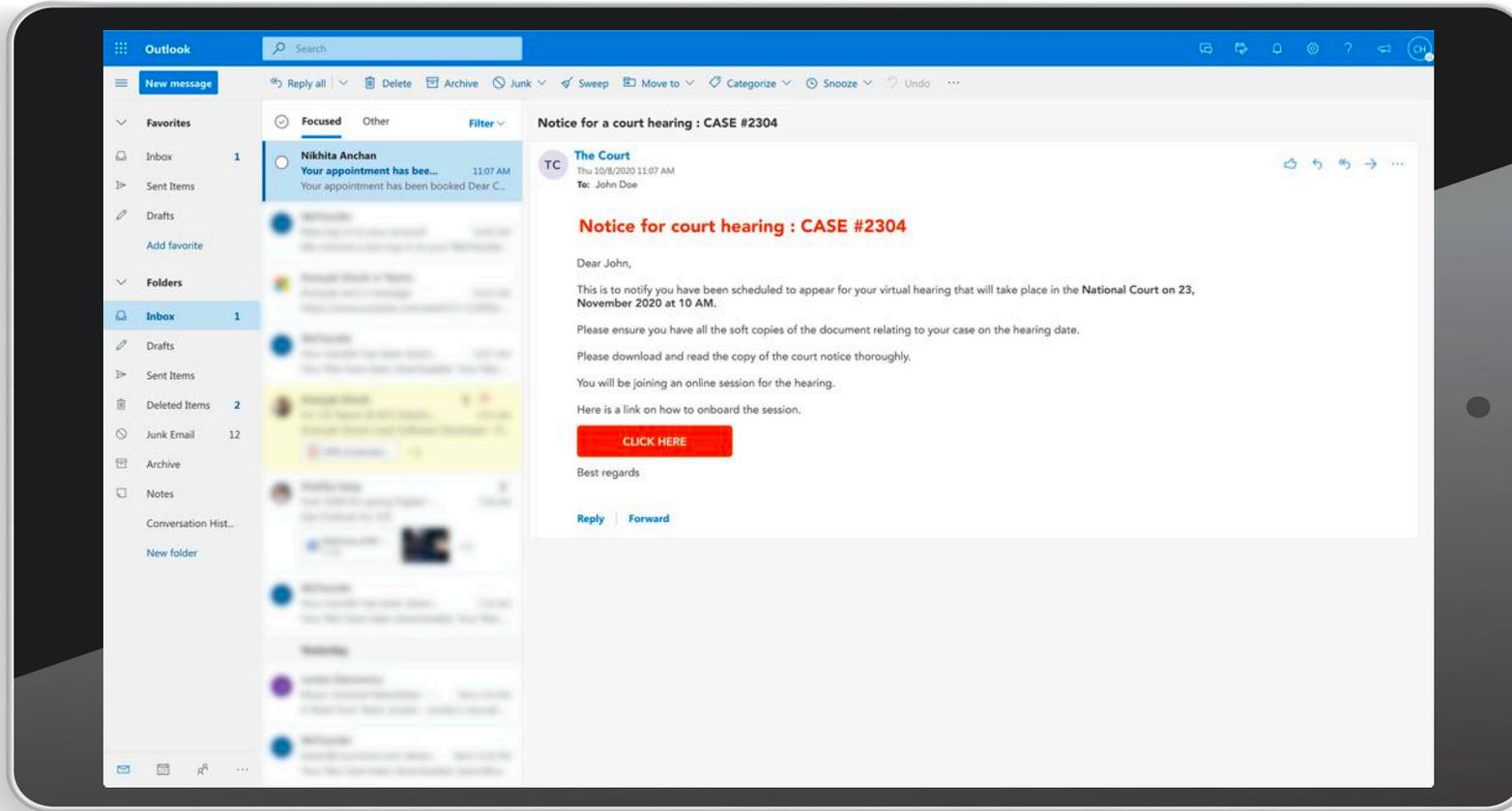
An automated email is triggered to participants when a new court hearing is scheduled for a registered case.

# Email, SMS and Whatsapp confirmation for court hearing
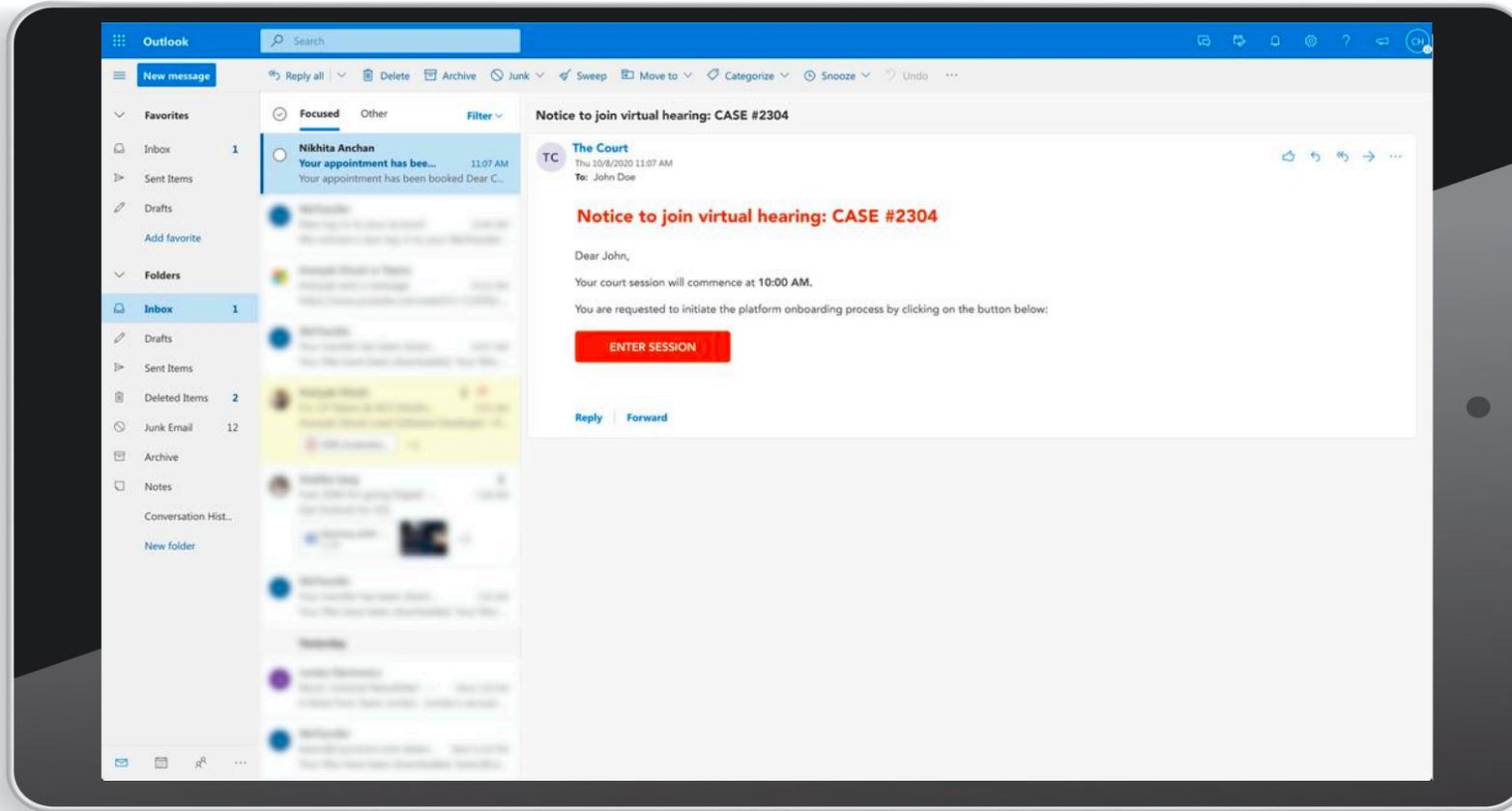
An automated email is triggered to participants prior to the court hearing to ensure all users have been successfully on-boarded to the platform.

Fully customised login screen to authenticate user identity prior to joining the session
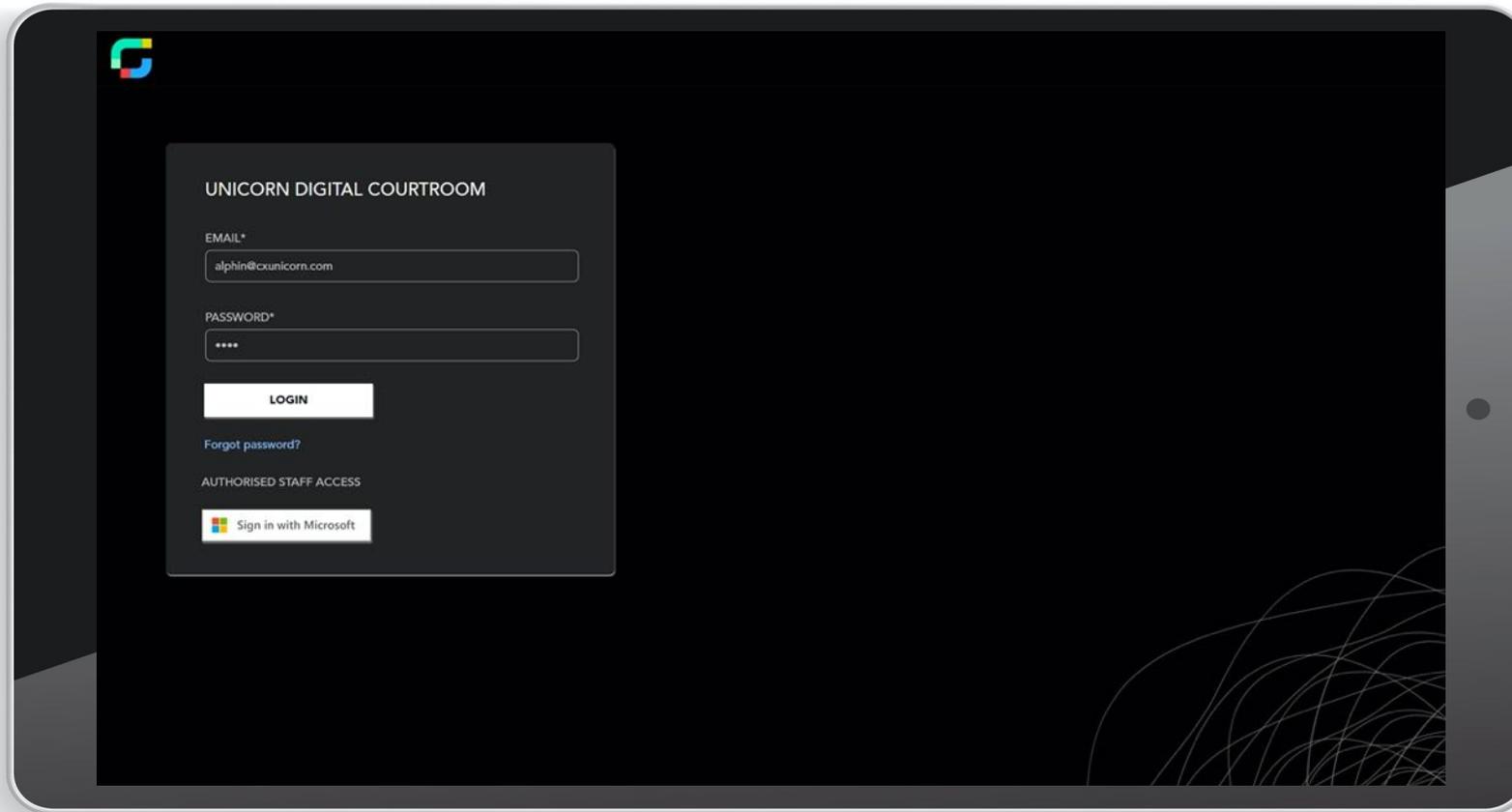
Users will need to login with their credentials and case number to access the platform

Two-factor authentication to validate user identity
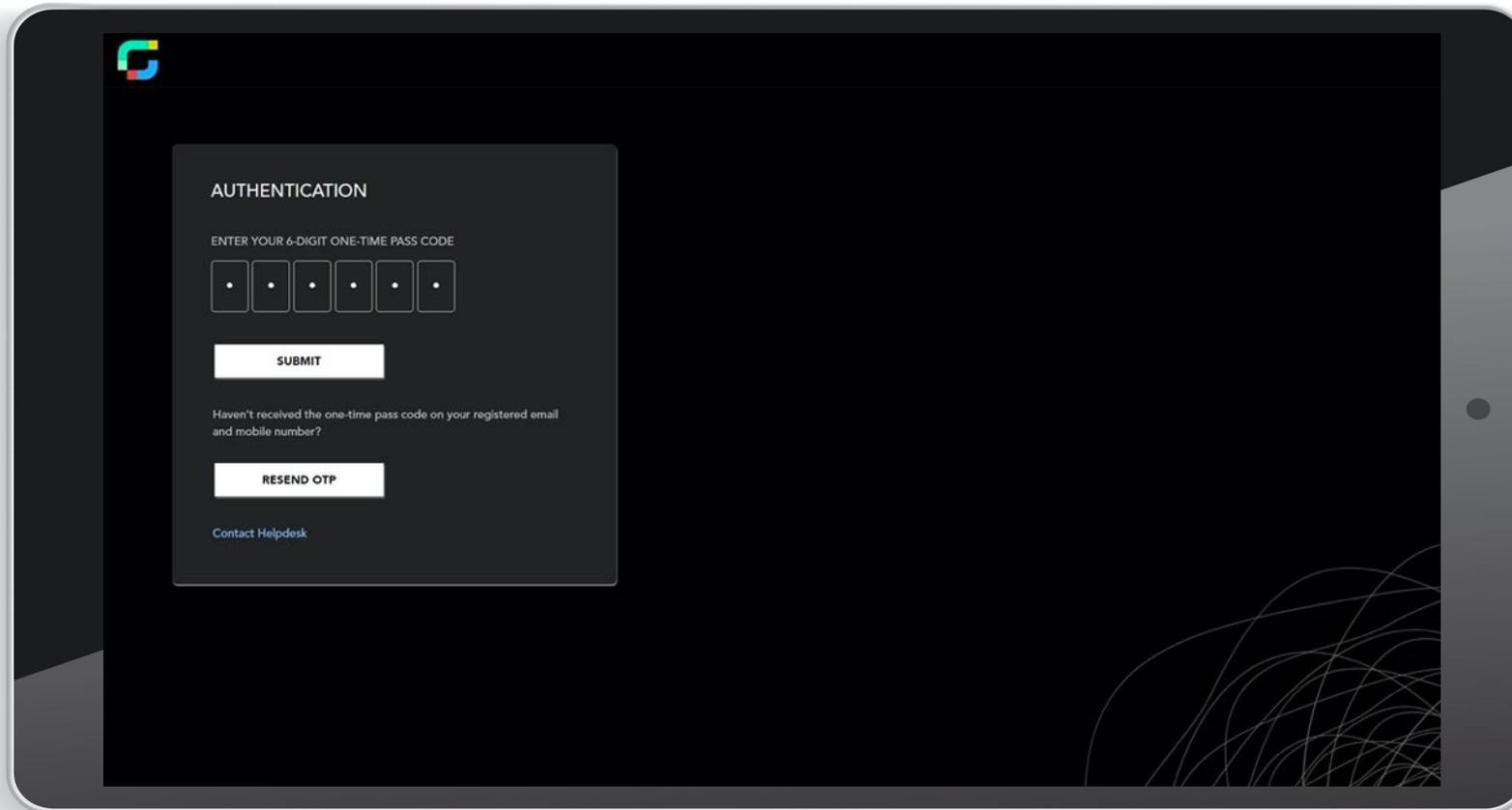
On successful login, participants will be redirected to an authentication page, wherein users will have to enter the One-Time Passcode sent to their registered mobile numbers/email ids.
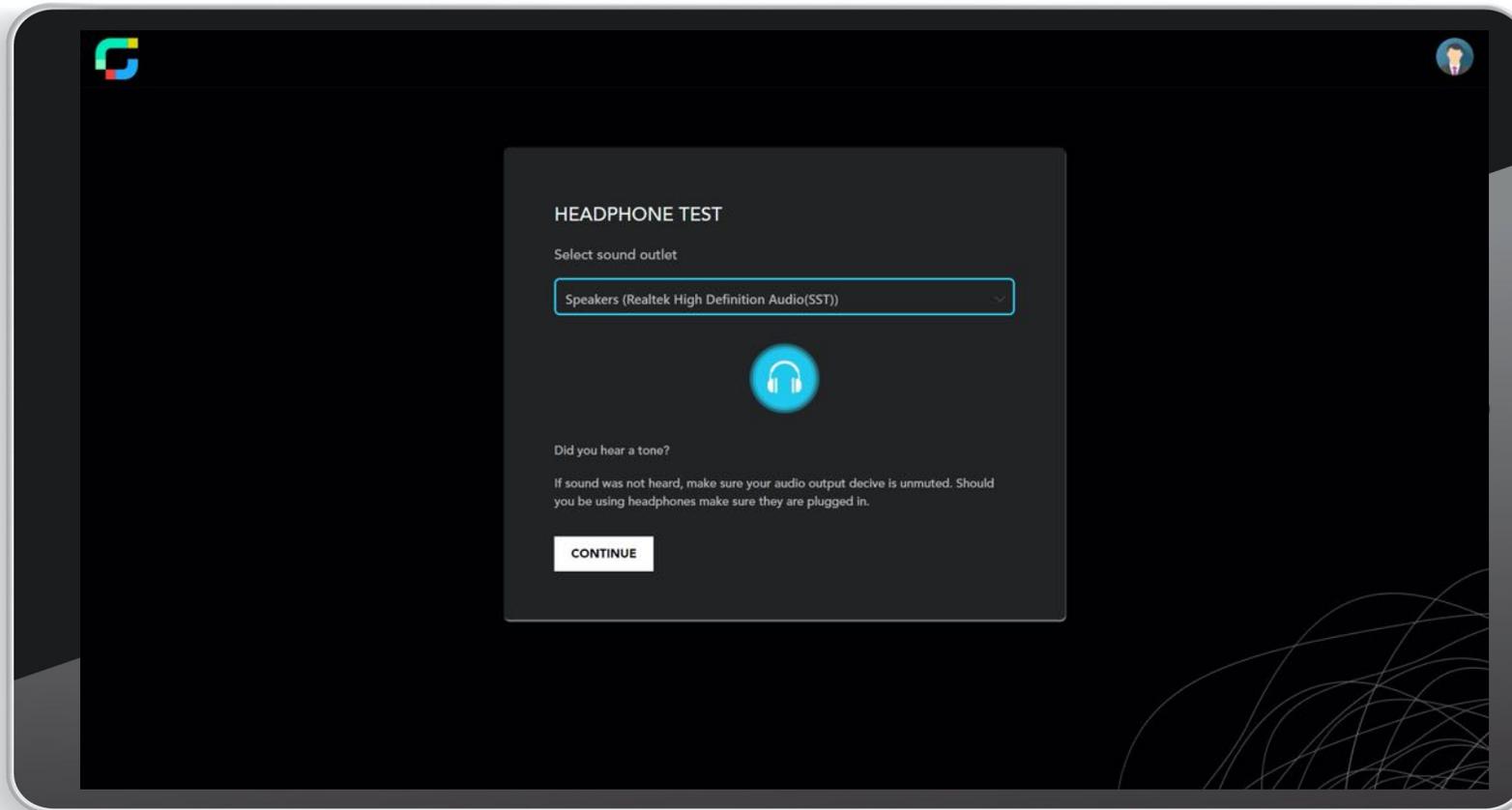
Pre-session prep: mandatory video briefing
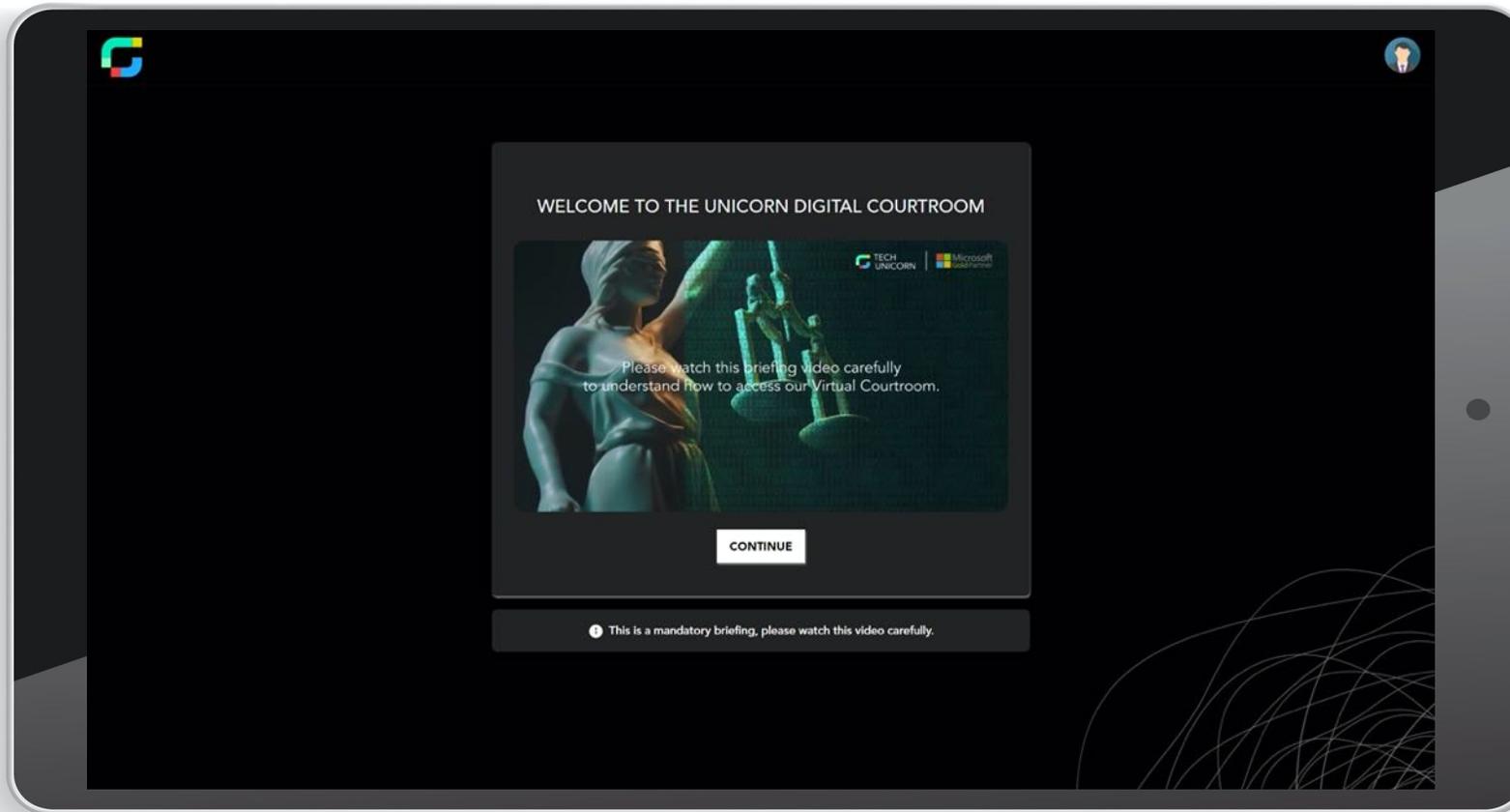
Once the user authentication and verification process has been completed, users will be redirected to a virtual lobby.

Participants can complete the session prep/briefing here.

This screen depicts a 'mandatory' briefing video for participants to watch.

Pre-session prep: headphone test

The solution tests the external party's audio, and network connections and displays the results
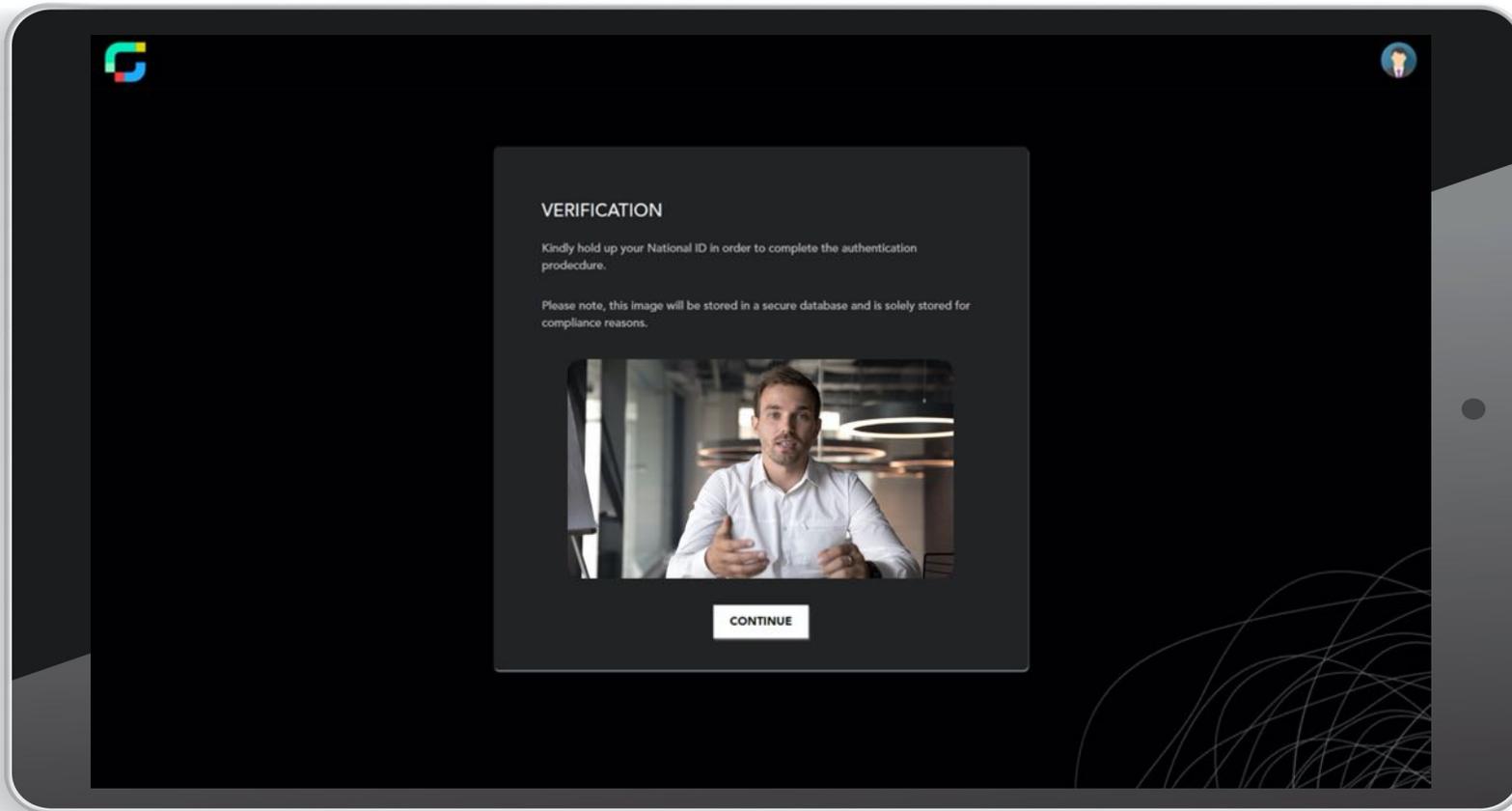
Pre-session prep: microphone test

The solution tests the external party's audio, and network connections and displays the results

# Pre-session prep: video/camera test
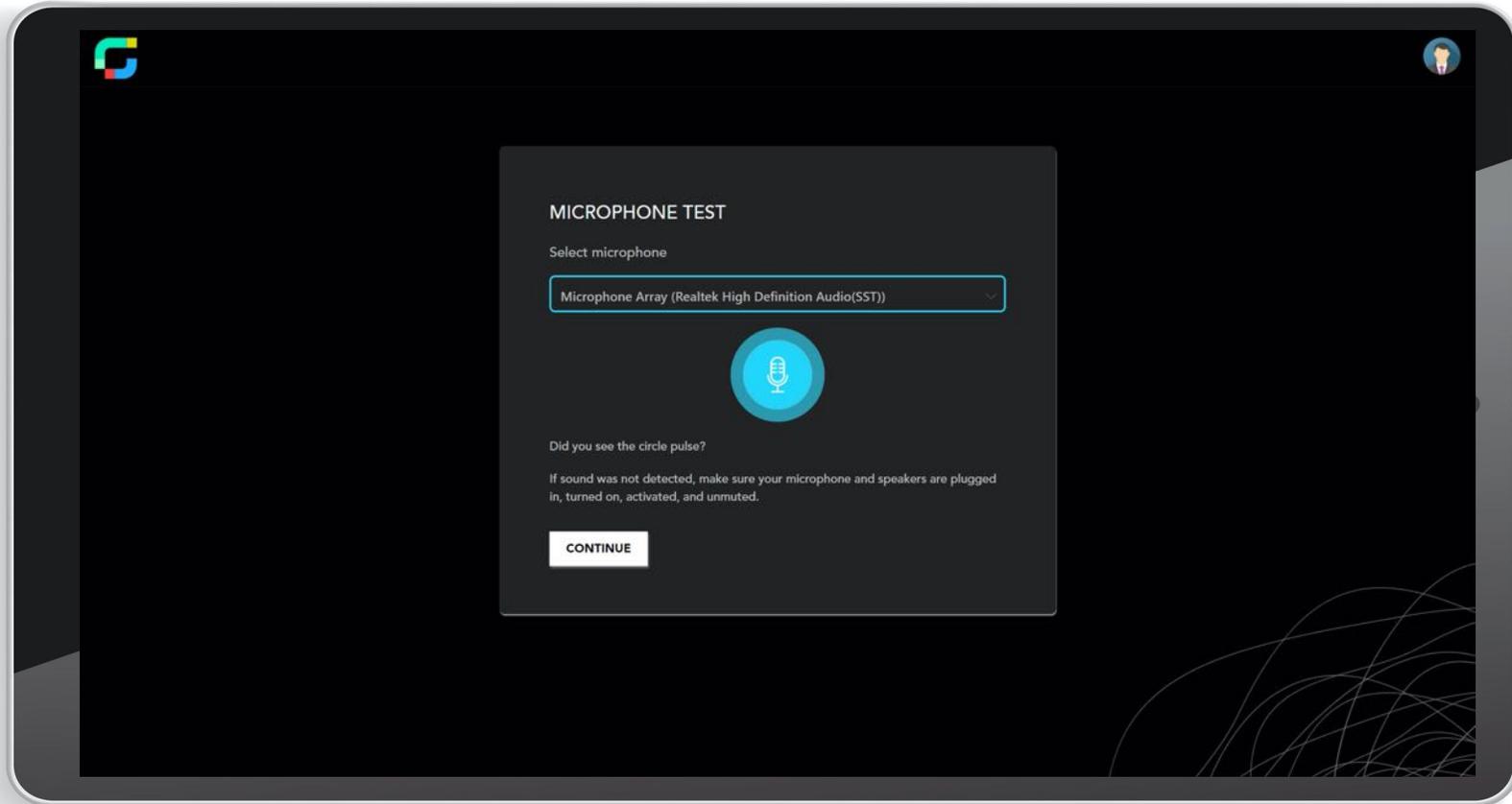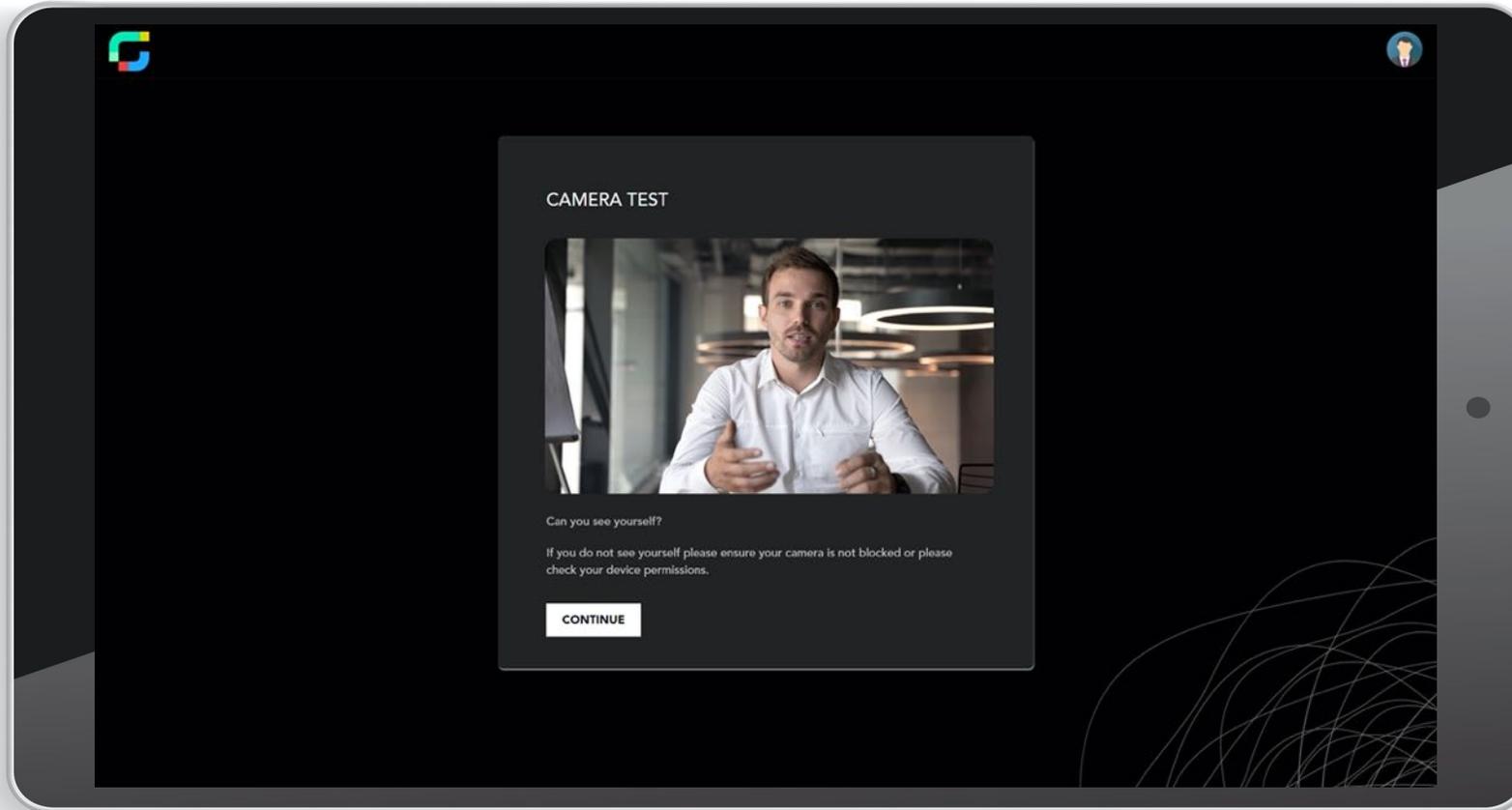
The solution tests the external party's video and displays the results

Participant verification using national ID / OCR

All participant's identity will be further verified by capturing an image of themselves with their national ID/passport. This will then be stored in a secure database and can be used for cross-verification purposes at a later stage.
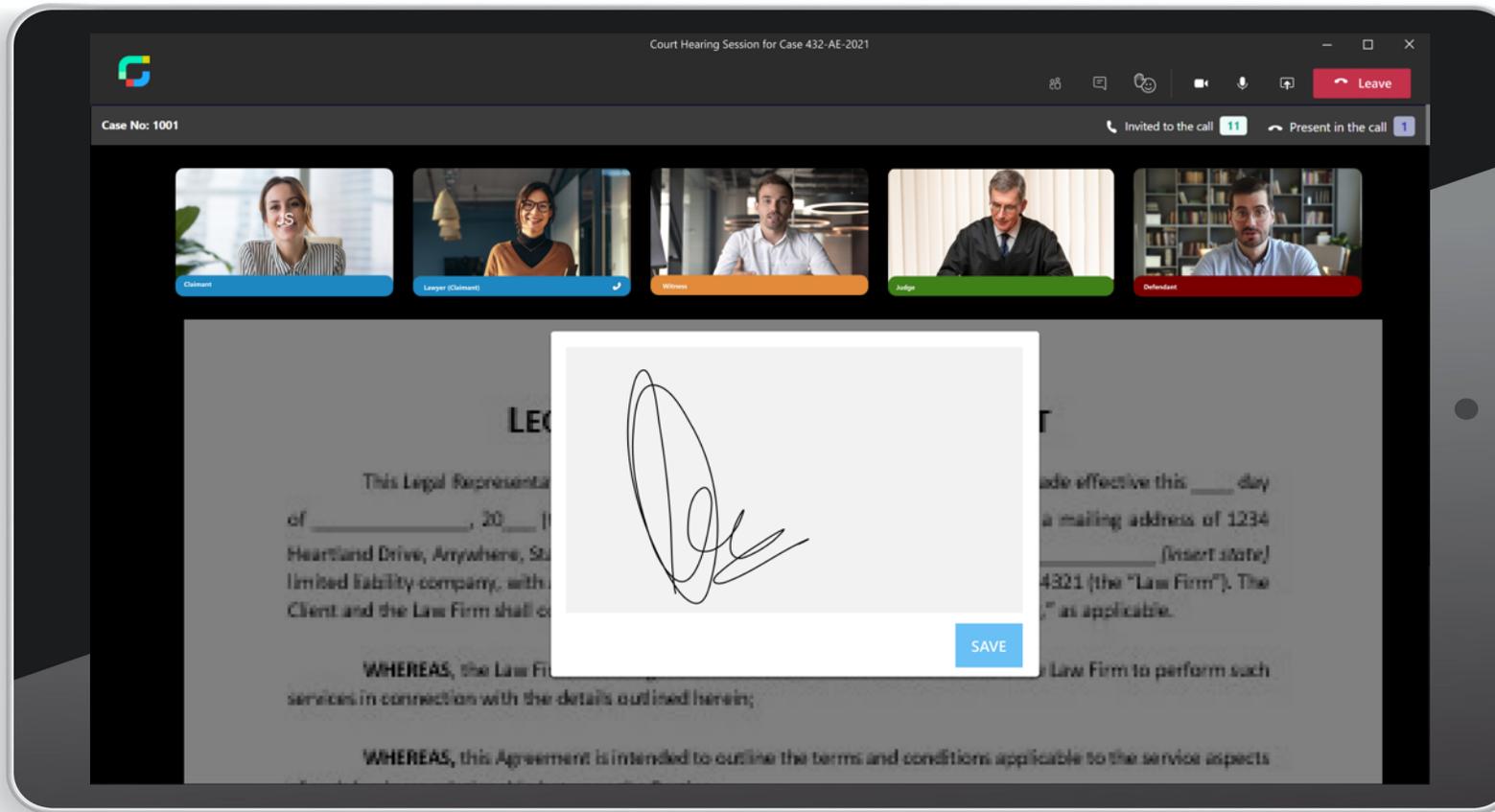
Virtual court hearing session with Judge
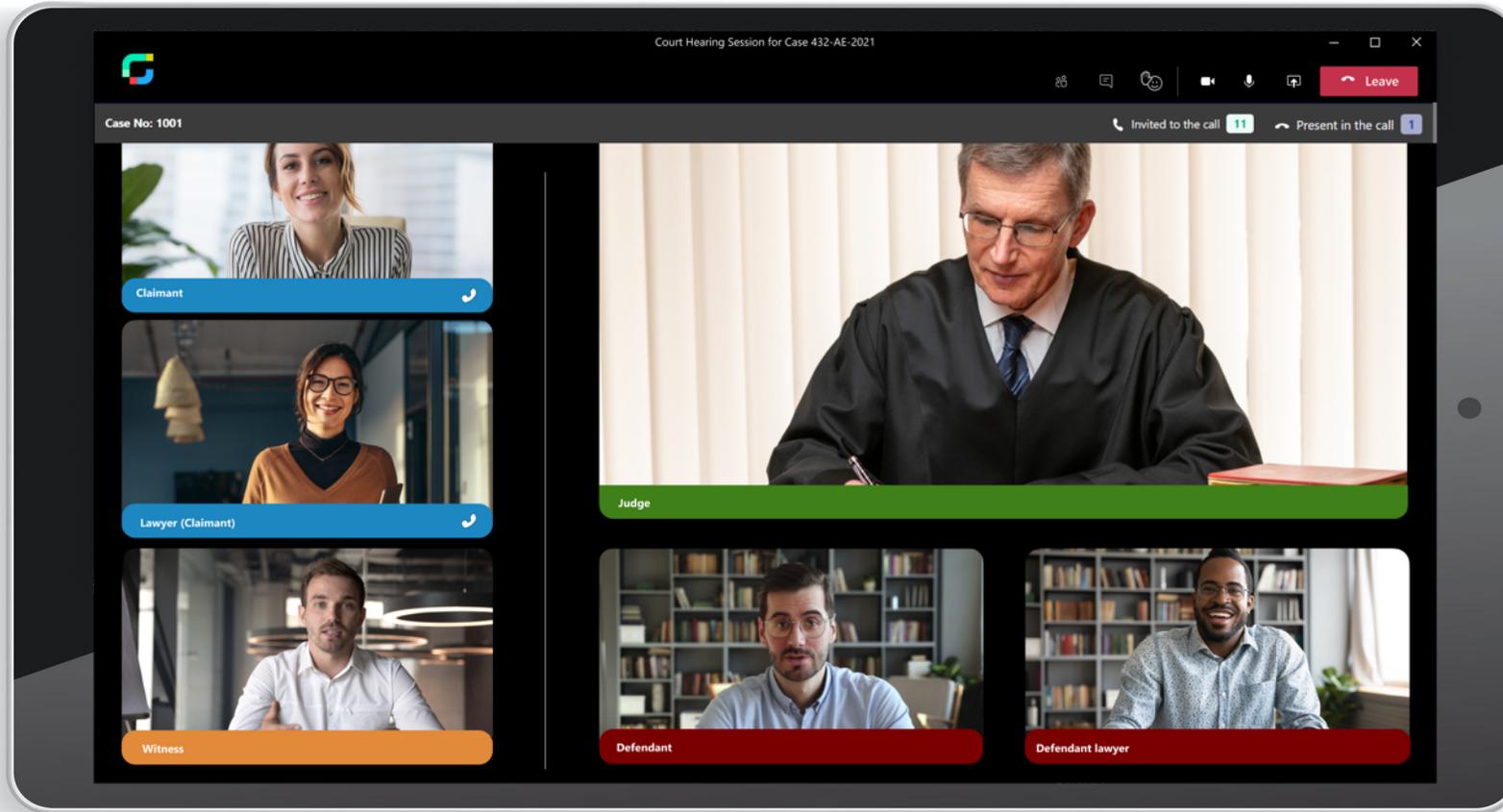
Once all participants and government personnel have joined the session. The judge can commence the session.

The layout and positioning of the video streams is based on the user role.

Virtual Court Hearing Session With Judge & Digital Signature

During the session participants can leverage the following features:

- File sharing
- Side bar conversations (with participants selection & can be with more than 1 participants)
- Transcript generation
- Automated translations
- Document Viewer (Evidence sharing)
- Personal Notes
- Add participants (IT Support, Translator, Witness, Other Participant)
- Grant control to a participant (participant selection)
- Mute: All Participants / Mute a participant / hard mute one or more (all) participants

Digital Courtroom Maturity Path

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1

Teams for hearings + **Case Management System**

2

Teams for hearings + **Compliance Recording** + Case Management System

3

Teams for hearings + Compliance Recording + Case Management System + **Analytics Dashboard**

4

ACS + Teams for hearings + Compliance Recording + Case Management System + Analytics Dashboard

5

Azure Cognitive Services + ACS + Teams for hearings + Compliance Recording + Case Management System + Analytics Dashboard

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