

# Cucina Venti

• TECHNICAL WHITEPAPER

## Technical Specifications

AV, connectivity, acoustics, and security overview for IT administrators evaluating venue readiness for executive and hybrid events.

Prepared for IT & AV Teams

Version 1.0

Venue Private Boardroom

### CONTENTS

01 Network Infrastructure

02 AV Hardware

03 Acoustic Environment

04 Physical Security & Privacy

05 Power & Infrastructure

06 Space Specifications

07 On-Site Support

08 Supplemental Add-Ons

01

## Network Infrastructure

### Connectivity

Core uplink and redundancy

Primary uplink

1Gbps dedicated fiber (symmetric)

Redundancy

Secondary LTE/5G failover with automatic switchover

Guest bandwidth

Dedicated allocation per event, isolated from venue operations

## **Wireless**

Wi-Fi configuration and security

Protocol

Wi-Fi 6 (802.11ax)

Security

WPA3-Enterprise supported

Network segmentation

VLAN separation available on request

SSID provisioning

Dedicated private SSID per event

Band steering

5GHz preference enforced, 6GHz available

## **Capacity & QoS**

Device limits and traffic management

Concurrent devices

Up to 100 devices across private boardroom

QoS policy

Video conferencing and streaming traffic prioritized

02

# AV Hardware — Private Boardroom

## **Display**

Primary

86" commercial-grade LED panel

## **Camera**

Model

Logitech Rally Plus PTZ

Resolution	4K (3840 x 2160)
Inputs	HDMI 2.1, USB-C, AirPlay, Miracast
Secondary	Rear confidence monitor for presenter

Resolution	4K Ultra HD
Field of view	90° diagonal, AI auto-framing
Mounting	Display-mounted with ceiling PTZ option

## 🎙️ Audio

Microphones	Shure MXA920 ceiling array
Coverage	Full-room steerable pickup zones
Speakers	In-ceiling distributed system + soundbar
Echo cancellation	Hardware AEC via Shure IntelliMix DSP

## 💬 Platform Support

Certified	Zoom, Teams, Meet, Webex
BYOD	Full support via HDMI / USB-C
Room system	Zoom Rooms native + BYOD fallback
Content sharing	Wireless + wired, dual-stream capable

**Hybrid-ready by default.** The boardroom is configured for broadcast-grade video and boardroom-quality audio out of the box. Remote attendees are treated as in-room participants, not afterthoughts.

## 03 Sound Isolation

STC rating	STC 52 (measured)
Construction	Double-wall with decoupled framing, acoustic seals
Door type	Solid-core, gasketed, automatic soft-close

## Room Acoustics

Treatment	Ceiling panels + perimeter wall absorption
RT60	0.5 seconds (optimized for speech clarity)
Noise floor	NC 25 — below conversational threshold

**Acoustic sovereignty.** STC guidance is available for teams that need measurable confidence on confidentiality. The room is engineered to pass the privacy test for IP-sensitive conversations.

04

## Physical Security & Privacy

### Access & Visual Privacy

Private entrance	Dedicated entry — bypasses all public areas
Private restrooms	Dedicated to event space
Staff access	Controlled entry, knock-and-announce protocol
Visual privacy	Motorized blackout blinds, no interior sightlines to public areas

### Data & Device Security

Network isolation	VLAN segmentation, fully isolated from POS and venue ops
Ethernet ports	4x in-room hardwired ports, access-controlled
On-site IT	Dedicated staff available during all events
NDA availability	Venue staff NDAs available upon request

## 05 Power & Infrastructure

 Electrical	
Dedicated circuits	4x 20A circuits, table and perimeter access
Table power	Integrated floor boxes with AC + USB-A/C
Surge protection	UPS-backed AV rack, surge-protected outlets
Device charging	USB-A/C charging at every 2 seats + perimeter outlets

## 06 Space Specifications — Private Boardroom

Capacity	40 seated
Layout options	Boardroom, U-shape, classroom, banquet rounds
Dimensions	38' x 24' x 11' (approx. 912 sq ft)

Ceiling height

11 ft clearance

Lighting

Fully dimmable, zoned, warm 3000K tunable to 4500K

Climate control

Independent HVAC zone with in-room thermostat

07

## On-Site Support

IT staff

On-site and dedicated during all events

Events coordinator

Single point-of-contact from planning through execution

Setup lead time

Same-day setup available; prior-day walkthrough recommended

Third-party AV vendors

Welcome — load-in coordination and power provided

Pre-event testing

Full AV + connectivity dry run included with booking

08

## Supplemental AV & Add-Ons

Available as additions to any event package:

- External AV vendor coordination

- Livestreaming & recording services

- Supplemental camera-ready lighting

- Additional wireless microphones

- Confidence monitors & rear displays

- Dedicated tech operator for event

