



SecureTech AV Designs

Audio Visual Consulting & Smart Technology Integration

About SecureTech AV Designs

SecureTech AV Designs is a specialist systems-integration consultancy delivering AV, lighting, acoustics and ICT solutions to corporate, education and government clients. We combine engineering precision with independent advisory to produce future-proof technology environments.

We operate as **independent consultants** — delivering unbiased design, robust project governance, and global best practices across system design, tendering and commissioning.

WWW.SECURETECHAV.COM



Core Philosophy



“ Vision

To define global standards in AV and smart building design — making spaces intuitive, sustainable and resilient.

”

Mission

- Deliver engineering excellence across every deliverable
- Provide truly independent, vendor-agnostic advisory
- Invest in R&D for future-proof design standards

Expert Services



Acoustic Consulting

Precision sound isolation and spatial acoustic treatments for optimal clarity in any space.



AV System Architecture

Scalable, high-fidelity enterprise AV systems built on rigorous design principles.



IT & Network Integration

Converged digital infrastructure seamlessly bridging AV and enterprise IT networks.



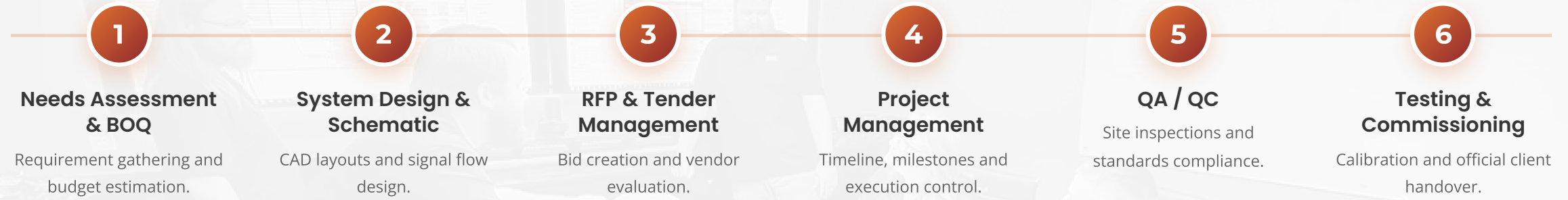
Project Management

Site coordination, timeline governance, and rigorous contractor oversight at every stage.



Complete AV Consulting Services

Our structured 6-phase end-to-end delivery framework.





Advanced Technology Solutions



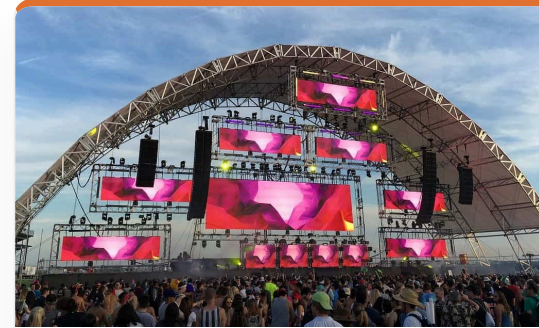
Smart Meeting Rooms

- Zoom Rooms / Teams native
- Automated lighting controls
- Wireless presentation



Command & Control

- Zero-latency KVM over IP
- Redundant AV architecture
- 24/7 mission-critical ops



LED Video Walls

- Fine-pitch modular displays
- LED calibration & processing
- Dynamic content management

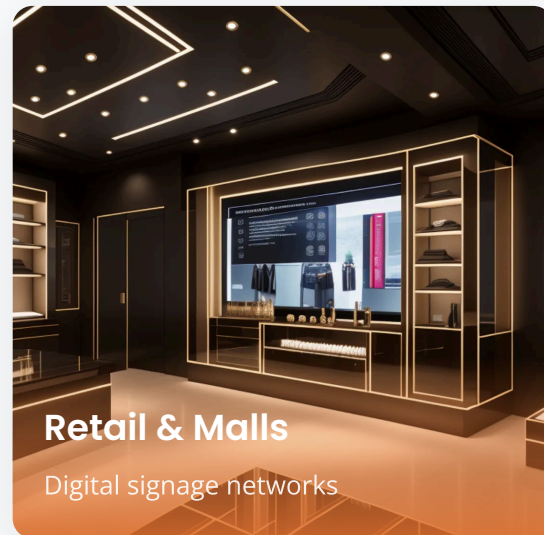
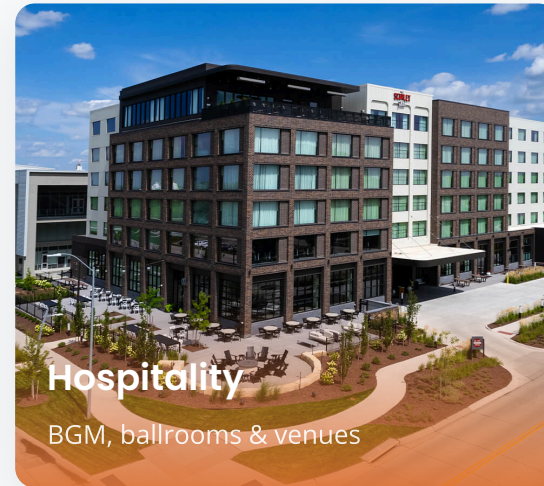


Immersive Auditoriums

- Line array acoustic modelling
- 4K high-lumen projection
- PTZ broadcast streaming



Industries Served



Flagship Projects



IIT Delhi — Smart Campus Integration

Scope: Auditorium overhaul and digital classroom AV network spanning the campus.

Outcome: Enhanced distance-learning capabilities and centralised AV management.



Gujarat Science City — Immersive AV

Scope: Immersive audiovisual integration across digital galleries and exhibit halls.

Outcome: Reliable 24/7 uptime for thousands of daily public interactions.



IIT Jodhpur — Hybrid Learning AV

Scope: Unified communication standard across 50+ lecture theatres.

Outcome: Seamless hybrid pedagogy with centralised remote monitoring.



Why SecureTech AV Designs?

Engineering Excellence

01

Documented, physics-based design that adheres to exact international standards on every project.

Unbiased Independence

02

A vendor-agnostic approach that directly prioritises technology fit over proprietary hardware pushing.

Innovation Focus

03

Continuous R&D ensuring our architectures accommodate future generational upgrades effortlessly.

Corporate Professionalism

04

Rigorous project management ensuring absolute adherence to scope, timelines, and budgets.



QA / Standards & Testing

Design Deliverables

- Comprehensive AutoCAD Schematics & Scaled Layouts
- End-to-end Signal Flow and Line Diagrams
- Highly detailed Bill of Quantities (BOQ)

Standards & Commissioning

- AVIXA standards compliant design methodologies
- Acoustical adherence to ISO noise ratings
- Multi-step QA checklists and documented sign-offs





Leadership & Credentials

Led by industry veterans carrying decadal expertise in AV consultancy and integration.

Principal Consultant

LEAD SYSTEM ARCHITECT

Overseeing enterprise-wide AV integration strategies and physical acoustic consulting across APAC.

Project Director

EXECUTION GOVERNANCE

Ensuring precise translation of AV schematics into flawlessly executed corporate infrastructure.

Technical Alliance Partners

OEM COLLABORATION

Maintaining certified expertise and direct avenues to top-tier control and display manufacturers globally.



Commercial Engagement Models

01. ADVISORY

Fixed Fee Consultancy

Strategic design roadmap, acoustic audits, and high-level architectural AV budgeting.

- Needs Assessment Report
- High-level Budget Setup

02. DESIGN & TENDERING

Time & Materials

Granular design creation, BOQ, RFP drafting, and vendor bid technical evaluation.

- AutoCAD Layouts
- Tender Documentation

03. PM & HANDOVER

Milestone Contract

Complete site supervision, periodic QA, and final system testing against defined KPIs.

- Site inspection reports
- Sign-off documentation

Trusted Excellence



Earning trust through relentless precision and uncompromised quality.



SecureTech's independent design drastically reduced our total cost of ownership by highlighting scalable network-centric AV alternatives we hadn't considered.

CTO, Leading IT Enterprise



The acoustic consulting and AV integration for our auditoriums was flawless. The project was delivered on time with impeccable oversight methodology.

Facility Head, Premier Educational Institute



Our Clients & Partners



OUR CLIENTS



TECHNOLOGY PARTNERS & BRANDS





PROVEN TRACK RECORD

We Deliver **Results**

120+

PROJECTS DELIVERED

40+

ENTERPRISE CLIENTS

18+

CITIES COVERED







15+

OEM PARTNERS



Technology Capability Matrix

Rigorous, standards-based expertise across every AV discipline.

Category	Technologies & Expertise
 Audio	Line array PA systems · DSP processing (Dante AoIP) · Beamforming microphones · Acoustic treatment design
 Video	Fine-pitch LED walls · 4K/8K projection · Digital signage networks · Video matrix switching
 Control	Crestron · Extron · AMX automation · Touchpanel programming · Remote monitoring via cloud
 Collaboration	Microsoft Teams Rooms · Zoom Rooms · Hybrid learning systems · Wireless presentation
 Broadcast	PTZ cameras · RTMP/SRT streaming encoders · Multi-cam switching · IPTV distribution
 Network/IT	AV-over-IP (NDI, Dante, SVSI) · Managed AV switch configurations · Cybersecurity compliance



Integrated Solutions Portfolio



Corporate Meeting Rooms

Agile workspaces with seamless hybrid conferencing



Executive Boardrooms

Premium video walls & unified communication



Command & Control Centers

24/7 mission-critical video wall monitoring



Auditoriums & Theatres

Line array acoustics, projection & PTZ broadcast



Experience Centers

Immersive LED canvases and interactive brand spaces



Digital Signage Networks

Centrally managed CMS-driven display ecosystems



Hybrid Learning Classrooms

Unified A/V for in-person and remote pedagogy



Event & Broadcast Systems

Live production, streaming & IPTV infrastructure



PORTFOLIO HIGHLIGHTS

Installation Gallery

From single-screen boardrooms to 2,000-seat auditoriums — every installation reflects our engineering discipline and aesthetic precision.





Innovation & Emerging Technologies

We invest in R&D to bring next-generation AV capabilities — future-proofing every installation.



AI-Powered Meeting Rooms

Auto-framing cameras, voice-activated controls and intelligent room booking integration.



Immersive LED Environments

Floor-to-ceiling curved LED canvases for experience centres and virtual production.



Spatial Audio Systems

Dolby Atmos-certified object audio, beamforming arrays and acoustic intelligence.



AV-over-IP Ecosystems

IPMX, NDI & AVB standards replacing legacy matrix systems for infinite scalability.



Smart Building Integration

AV unified with BMS, lighting, HVAC and access control via open API architectures.



Digital Twin Control Rooms

Virtual simulation for pre-deployment verification and remote diagnostics.



Compliance & Global Standards

Every project engineered to the strictest international frameworks — ensuring durability, safety and long-term performance.



AVIXA Standards

InfoComm-certified AV system design methodology



ISO Acoustic Compliance

ISO 3382 room acoustics · NRC 0.85+ rated panels



IEEE Network Standards

IEEE 802.1Q VLAN · 802.3bt PoE+ compliant AV networks



Dante / AES67 Audio Networking

Layer-3 routable audio over standard IP networks



HDCP Video Compliance

Full HDCP 2.2 content protection across all signal paths





Appendix / Technical Annex

Sample Bill of Quantities (BOQ) Extract

Item No.	Device Category	Description / Make Parameter	Qty	Unit
1.01	Display Array	98" Active LED Display, 4K UHD, 24/7 Rating	1	Nos
1.02	Video Matrix	8x8 4K/60 4:4:4 HDMI Matrix Switcher	1	Nos
1.03	Audio DSP	Open Architecture AEC DSP Processors – 12x8 Dante	1	Nos
1.04	Acoustic Shell	Fabric Wrapped Acoustic Panels (NRC 0.85+)	120	Sq.ft

Sample RFP Evaluation Checklist

- Integrator Financial Solvency & Annual Turnover
- On-roll AVIXA CTS/CTS-D/CTS-I Certified Engineers
- SLA Response Matrix & Extended Warranty Costing
- OEM Authorization Certificates (MAF)
- Project Past Performance (Similar Scope & Size)
- Compliance verification of Data Privacy/Security std.



Let's build the **future of work.**

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HEADQUARTERS

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