



Cyril Cherpion

AV Systems & AI Architect

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Profile

"AV Systems & AI Architect (and occasional reluctant magician) – 10 years of making technology behave (or at least look like it does). My gig? Turning "that'll never work" into "how did we ever live without this?" I speak fluent tech-to-human, juggle budgets like a pro, and keep clients smiling—or at least nodding in relief. Improv is my middle name, and "I'll figure it out" is my life motto. Self-taught by necessity, versatile by choice, and always one step ahead of the next crisis. My real talent? Making it all seem effortless. (Spoiler: it's not.)"

Key Achievements

- Casino Barrière Royan – AV & Control Project (€450,000)
- AIRBUS Safety Promotion Center – €550,000
- ATR Showroom – €300,000
- FRAC Arthothèque de Limoges – €550,000

Skills

- 3D Design with SketchUp AV Design & Pre-Sales AV over IP: SDVoE, NDI, Dante Budgeting & Cost Estimation
- Certified AMX MUSE Trainer
- Control Systems: Crestron, Extron, Kramer, AMX, MUSE
- Network: LAN/WAN
- Video Mapping & LED Walls
- VC Rooms: Teams/Zoom, Polycom, Cisco

Tools & Software

Audio:

Logic Pro Pro Tools Ableton Live

Graphics & Video:

Autocad Illustrator Photoshop
SketchUp Twinmotion Premiere Pro

Programming:

CSS3 HTML5 JavaScript Node.js
NodeRed AMX Muse Crestron Extron

Office:

Excel (VBA) PowerPoint Word Visio

Skills

- Versatile, dynamic & autonomous
- Customer relationship
- Self-educated
- Emerging technologies
- Team management

Professional Experience

- **2024–Present** – AROCOM – Application Engineer
- **2020–2023** – ABAQUES – Head of AV Design
- **2019–2020** – ABAQUES – AV Designer
- **2018–2019** – VIDELIO IEC – AV Project Manager
- **2017–2018** – Freelance – AV Consultant
- **2017–2018** – OWENTIS – AV Engineer
- **2012–2017** – FACILITESS – AV & Event Manager
- **2011–RAVAYANA** – Sound Engineer
- **2010–QUAD Studio NY** – Assistant Sound Engineer
- **2009–VITAMIX** – Sound & Lighting Technician

Education & Certifications

- **ISTS ESRA NY** – Sound Engineering (2010–2011)
- **ISTS ESRA Nice** – Sound Engineering (2007–2010)
- **Enneagram** – Personal Development Modules 1 & 2
- **AMX** – MUSE Certification
- Certifications: Crestron, Dante Levels 1–3, Poly, Samsung, Leyard, Shure
- Udemy: HTML, CSS, JavaScript, Node.js

Languages

- English: Fluent
- French: Native



Cyril Cherpion

Application Engineer – Audiovisual & IT

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Professional Experience

2024 – Present | AROCOM – Application Engineer

Location: France (remote + travel)

Responsibilities:

- Specialization in AMX product range (MUSE, SVSI, Varia) for integrators and partners.
- Development of detailed technical proposals and preparation of quotes and cost estimates.
- Pre-sales support: system sizing, BOM preparation, configuration recommendations.
- Certified AMX MUSE Trainer: delivering technical training and certification sessions to partners and clients.
- Conducting technical demonstrations, assisting in system design and AMX product integration.
- Integration support: initial configuration, diagnostics, firmware updates.
- Development of scripts and automations (Node-RED, REST/JSON API) for AMX system control and management.
- Post-sales support: troubleshooting, performance optimization of existing installations.
- Technology watch on AMX product evolution and AV-over-IP network integrations.

2020 – 2023 | ABAQUES – Head of AV Design

Location: Toulouse & France-wide

Key Projects:

- Casino Barrière Royan – Complete AV and control system redesign (€450k).
- AIRBUS Safety Promotion Center – High-security AV integration (€550k).
- ATR Showroom – Immersive design for VIP reception and demonstrations (€300k).
- FRAC Arthothèque de Limoges – AV design for a cultural space (€550k).

Responsibilities:

- Led technical design (schematics, wiring diagrams, as-built documentation, BOM).
- Supervised design team and coordinated with architects, consultants, IT teams, and installers.
- Programmed and configured control systems (AMX, Crestron, QSC) and DSPs.
- On-site commissioning: testing, calibration, final acceptance, and user training.
- Managed complex projects in France and internationally (Europe, Middle East).

2019 – 2020 | ABAQUES – AV Designer

Responsibilities:

- Produced detailed AV system designs: cabling diagrams, signal flow matrices, installation layouts.
- Conducted technical studies (acoustics RT60, isolation STC, lighting DALI/DMX).
- Provided installation support: compliance checks, system testing, commissioning.

2018 – 2019 | VIDELIO IEC – AV Project Manager

Responsibilities:

- Managed AV projects in the corporate and education sectors (digital campuses).
- Coordinated stakeholders, monitored site progress, and acted as client liaison.
- Produced handover documentation and delivered user training.
- Configured systems from Extron, Crestron, Shure, and QSC.

2017 – 2018 | Freelance – AV Consultant / OWENTIS – AV Engineer

Responsibilities:

- Conducted feasibility studies for AV integrators and sensitive projects (government, finance).
- Configured IP networks for AV-over-IP solutions (Dante, NDI, VLAN management).
- Delivered client training and post-installation support.

2012 – 2017 | FACILITESS – AV & Event Manager

Responsibilities:

- Managed technical aspects and logistics for corporate events.
- Supervised sound, lighting, and video installations.
- Led technical teams of 2 to 6 staff members.

Before 2012

RAVAYANA, QUAD Studio NY, VITAMIX

- Sound engineering and event technical operations (live & studio).