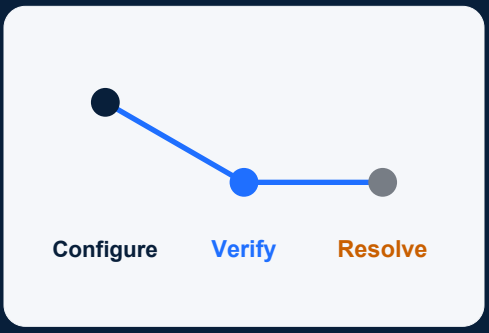
AVDACS
AUDIO VISUAL DIAGNOSTICS AND CONTROL SOFTWARE

STAGE 2 / VERIFY

AVDACS Verify

Route confidence for NVX environments: discover, route, verify, preview, and report.



Purpose

AVDACS Verify helps field teams move from discovery to route confirmation without bouncing between endpoint web pages and separate notes. It keeps the operator focused on the current subnet, the selected source, visible destination status, and the reports needed for follow-up.

Smart discovery

Flexible ranges, smart NIC matching, adapter refresh, subnet feedback, cancelable scans, and large-range warm-up before NVX probing.

Verified routing

Route selected or all decoders and confirm the requested route took effect, with failed or mismatched routes captured for review.

Session evidence

Bad-route reports, user-route history, activity logging, preview refreshes, and endpoint access stay available for handoff.

Configure. Verify. Resolve.

Prove every route before the system is handed off.

Features and Capabilities

Aligned to the bundled user guide and current application code. The feature set is centered on route verification and operator workflow.

Guided discovery

Flexible CIDR or host-range entry, smart NIC recommendation, adapter refresh, subnet compatibility feedback, cancelable scans, and large-range warm-up before NVX probing.

Visual routing

Encoder and decoder grids sit side by side. Select one source, route to selected decoders or all decoders, clear selections, and see current route columns update.

Route verification

Each route attempt is checked after the command. Failed or mismatched routes are captured with timestamp, endpoints, and reason when available.

Preview awareness

Manual preview refresh covers discovered devices. Auto preview refresh updates selected targets and route-affected decoders at the chosen interval.

Endpoint access

Double-click an IP Address cell in either grid to open that endpoint HTTPS page in the default browser for device-level follow-up.

User route monitoring

The User Routes tab watches changes made outside the app, such as touch-panel or control-processor routes, and can save session history for handoff.

Field Workflow and Value

The app is organized around the path a technician follows in the field: prepare, discover, route, verify, and hand off the session record.

Typical Field Workflow

1. **Prepare** — Enter credentials, choose NIC, and apply defaults.
2. **Discover** — Scan the subnet or range and review device tables.
3. **Route** — Send one encoder to selected or all decoders.
4. **Verify** — Confirm route state and refresh previews.
5. **Report** — Save or print bad routes and user routes.

What improves

- Reduces manual cross-checking during discovery, routing, and monitoring.
- Provides visual confirmation after route changes.
- Captures failed routes and external route changes for review.
- Keeps route records and activity evidence together for handoff.

Bottom line

AVDACS Verify gives teams a repeatable way to confirm what was discovered, what was routed, what was visually previewed, and what needs follow-up.

Operator controls and captured evidence

- Use Defaults and Default Values for repeat sites.
- Refresh NIC for late-plugged adapters.
- Cancel Scan when a range needs correction; Cancel clears selected decoders.
- Clear Activity resets the visible session log.
- Help > User Guide opens the bundled PDF.
- Report menu options include View, Save, and Print Bad Routes plus Save User Routes.
- Bad-route records include failed verification details for the current session.
- User-route monitoring captures route changes made outside the app.
- Windows installer packaging includes Start Menu and desktop shortcuts, per-user settings, and bundled Help/UserGuide.pdf.

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Professional Windows software for DM NVX deployment, verification, and troubleshooting.

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