

Error Summary - Initial Diagnosis

Date: October 20, 2025

Observed Errors

1. Zones Status API Error (500 Internal Server Error)

- **Endpoint:** `/api/audio-processor/2910c2c1-3c00-4c92-b02b-68390db910bf/zones-status`
- **Status Code:** 500
- **Error Message:** "Failed to fetch zones status from Atlas processor"
- **Impact:** Audio Zone Control page shows "Configuration Error"

2. Video Input Selection API Error (404 Not Found)

- **Endpoint:** `/api/matrix/video-input-selection`
- **Status Code:** 404
- **Error Message:** "Not Found"
- **Impact:** Video matrix functionality unavailable

3. Configuration Loading Error

- **Error:** "Error fetching dynamic Atlas configuration: Error: Failed to fetch zones status from Atlas processor"
- **Location:** Browser console
- **Impact:** Application cannot load Atlas configuration

Network Information

- **Application Server:** 24.123.87.42:3001
- **Atlas Processor IP:** 192.168.5.101
- **Atlas Processor Port:** 5321 (TCP JSON-RPC)
- **Atlas Web Interface:** `http://192.168.5.101`

Next Steps

1. Document Atlas configuration from web interface
2. Test network connectivity from application server to Atlas processor
3. Review API route implementations
4. Fix zones-status endpoint
5. Create or fix video-input-selection endpoint
6. Add verbose logging for debugging