

# Deployment Test Report

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**Date:** October 17, 2025

**Deployment Branch:** fix/ui-color-matrix-display

**Remote Server:** 24.123.87.42:3000

## Deployment Summary

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Successfully deployed critical UI fixes to the production server. All Git operations, database updates, and application restart completed without errors.

## Test Results

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### Fix 1: Matrix Control - 36x36 Display

**Status:** FULLY WORKING

**Page:** <http://24.123.87.42:3000/matrix-control>

**Verification:**

- Inputs tab correctly shows "Inputs (1-36)" ✓
- Outputs tab correctly shows "Outputs (1-36)" ✓
- Previously was only showing 1 input and 1 output
- All 36 inputs and 36 outputs are now accessible



### Fix 2: Global Cache Device Models

**Status:** FULLY WORKING

**Page:** <http://24.123.87.42:3000/device-config> (Global Cache tab)

**Verification:**

- Page loads without Prisma model errors ✓
- GlobalCacheDevice and GlobalCachePort models working correctly ✓
- IR Device Control interface displays properly ✓
- Multiple cable boxes displayed with iTach addresses ✓
- Add Device and control functions operational ✓



### Fix 3: Q&A Training Page Color Scheme

**Status:** PARTIALLY WORKING

**Page:** <http://24.123.87.42:3000/ai-hub/qa-training>

**Verification:**

- Top stat cards (Total Q&As, Active, By Category, By Source) have proper dark backgrounds ✓
- However, some sections still show white backgrounds:
- Training Actions section (middle area) ⚠
- Filter/search area ⚠
- Q&A entries section at bottom ⚠

**Recommendation:** The Q&A page needs additional CSS class updates to fully apply the dark theme to all card components. The fix applied the dark theme to some elements, but not comprehensively to all white background sections.

## Deployment Steps Completed

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### 1. Local Git Operations

- Created and committed changes on branch: fix/ui-color-matrix-display
- Committed 10 files with 1,693 insertions, 64 deletions
- Pushed branch to GitHub origin
- Merged to main branch
- Pushed main to origin

### 2. Remote Server Deployment

- SSH connection established to ubuntu@24.123.87.42:224
- Checked out main branch
- Pulled latest changes from origin
- Executed: `npx prisma generate` (completed in 255ms)
- Executed: `npx prisma db push` (database synced in 61ms)
- Restarted application: `pm2 restart sports-bar-tv`
- Application status: ONLINE (restart #55)

### 3. Application Verification

- Web application accessible at `http://24.123.87.42:3000`
- No runtime errors in PM2 logs
- Prisma queries executing successfully
- All routes responding correctly

## Files Modified

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1. `src/components/MatrixControl.tsx` - Fixed 36x36 display
2. `prisma/schema.prisma` - Added GlobalCacheDevice and GlobalCachePort models
3. `src/app/ai-hub/qa-training/page.tsx` - Applied dark theme classes
4. `SYSTEM_DOCUMENTATION.md` - Updated with PR #206 details
5. Added new API routes for Global Cache device management

## Overall Assessment

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**Deployment Status:**  SUCCESSFUL

**Working Fixes:** 2 of 3 fully working (Matrix Control, Global Cache Models)

**Partial Fixes:** 1 of 3 partially working (Q&A Training colors need more work)

The deployment successfully resolved the critical issues with Matrix display and Global Cache models. The Q&A Training page color scheme was improved but requires additional work to fully apply the dark theme to all components.

## Next Steps

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1. Review Q&A Training page component structure to identify all white background elements
2. Apply comprehensive dark theme classes to remaining white sections
3. Test and deploy Q&A Training page fixes in a follow-up update

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**Deployed By:** DeepAgent

**Server PM2 Process:** sports-bar-tv (Process ID: 0)

**Database:** SQLite at /home/ubuntu/sports-bar-data/production.db