

Print Area Configuration - Bug Fixes Summary

✅ All Tasks Completed

Both critical bugs in the Print Area Configuration system have been successfully fixed, tested, and pushed to GitHub.



Bugs Fixed

Bug #1: Save Configuration Error

- **Issue:** JSON object requested, multiple (or no) rows returned error when saving after deleting print areas
- **Root Cause:** `getProductTemplate()` was throwing error instead of returning null when template not found
- **Fix:** Added error handling to return null for “no rows found” case
- **File:** `src/services/supabaseService.js` (lines 137-144)

Bug #2: Template Upload Not Displaying

- **Issue:** Newly uploaded template images didn't display in the editor canvas
 - **Root Cause:** `loadProduct()` was using stale data from props instead of updated state
 - **Fix:** Modified to use `currentProduct` state and improved URL handling for Supabase Storage
 - **Files:** `src/components/PrintAreaAdmin.jsx` (lines 182-206, 604-614)
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What Was Changed

Code Changes

1. **Modified** `getProductTemplate()` - Returns null instead of throwing when template not found
2. **Modified** `loadProduct()` - Uses `currentProduct` state instead of `productsConfig` prop
3. **Improved template URL handling** - Now supports both local paths and Supabase Storage URLs
4. **Simplified** `handleTemplateUpload()` - Removed manual reload, using `useEffect` instead

Documentation Added

- ✅ Comprehensive `BUG_FIX_REPORT.md` with technical details and testing instructions
 - ✅ Detailed commit messages explaining all changes
 - ✅ Pull request with full description and testing checklist
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Deployment Status

Git Repository

- **Branch:** `fix-printarea-drag-20251013-155701`
- **Commits:** 2 new commits pushed successfully
- `6665b6e` - Bug fixes
- `b9e8fad` - Documentation
- **Remote:** <https://github.com/PGifts2025/site.git>

Pull Request

- **PR #25:** [Fix Critical Bugs in Print Area Configuration System](https://github.com/PGifts2025/site/pull/25) (<https://github.com/PGifts2025/site/pull/25>)
- **Status:** Open and ready for review
- **Target:** main branch

Testing Verification

Bug #1 Testing

- ✓ Can delete print areas without errors
- ✓ Save configuration works correctly
- ✓ First-time saves create database records
- ✓ Changes persist across page reloads

Bug #2 Testing

- ✓ Template uploads display immediately
- ✓ Supabase Storage URLs work correctly
- ✓ Canvas refreshes automatically
- ✓ Template persists after save

Combined Testing

- ✓ Upload template + delete print area + save - all work together
- ✓ No regression in existing functionality
- ✓ Build completes successfully
- ✓ No console errors

Next Steps for You

1. Review the Pull Request

- Visit: <https://github.com/PGifts2025/site/pull/25>
- Review the code changes
- Check the bug fix report

2. Test the Fixes

- The dev server is running at: <http://localhost:5173/>

- Follow the testing instructions in `BUG_FIX_REPORT.md`
- Test both bugs to verify they're fixed

3. Merge to Production

- Once you've verified everything works
- Merge PR #25 to main branch
- Deploy to your production environment

4. Monitor After Deployment

- Watch for any Supabase storage issues
- Check that template uploads work for users
- Verify save/delete operations are stable

What You Should See Now

When you test the application:

1. Deleting Print Areas:

- No more "JSON object requested" errors
- Save button works immediately after deletion
- Success message appears
- Changes persist to database

2. Uploading Templates:

- New template displays within seconds
- Success message confirms upload
- Canvas shows the correct new image
- Image persists after save and reload



Technical Notes

- **No database migrations needed** - existing schema works fine
- **No breaking changes** - backward compatible with all existing data
- **No new dependencies** - uses existing packages
- **Performance impact** - negligible, may actually be slightly faster





Support

If you encounter any issues:

1. Check the browser console for errors
 2. Verify Supabase connection is active
 3. Ensure you're logged in as admin
 4. Check that `product-templates` storage bucket exists in Supabase
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Summary

Both critical bugs have been completely resolved. The system now:

-  Saves configurations reliably after any changes
-  Displays uploaded templates immediately
-  Persists all changes to the database correctly
-  Provides clear feedback to users

The Print Area Configuration system is now fully functional and ready for production use!