






Fresh Deployment Guide - Anwar Sales Ecosystem

Overview

The fresh deployment system always creates new folders and spreadsheets, automatically updates the CONFIG file, and ensures a clean environment for every deployment.

Key Features ✨

-  **Always Fresh:** Creates new folders and spreadsheets with timestamps
-  **Auto CONFIG Update:** Automatically updates CONFIG.SPREADSHEET_IDS in memory
-  **Organized Structure:** Creates organized Google Drive folder structure
-  **Cleanup Tools:** Optional cleanup of old deployments
-  **Email Reports:** Comprehensive deployment summary via email

Quick Start 🚀

1. Simple Fresh Deployment

```
// Run this function for a complete fresh deployment
createFreshDeployment()
```

This will:

- Create timestamped folders in Google Drive
- Create 20 fresh spreadsheets with new IDs
- Automatically update CONFIG.SPREADSHEET_IDS
- Send comprehensive email report

2. Check Current Status

```
// Check existing deployments and CONFIG status
checkDeploymentStatus()
```

3. Emergency Fresh Start

```
// Creates fresh deployment AND cleans old folders
emergencyFreshStart()
```

Advanced Functions 🔧

Master Deployment Functions

```
// Main deployment function (used by createFreshDeployment)
deployFreshAnwarSalesEcosystem()

// Force completely fresh deployment
forceFreshDeployment()

// Original comprehensive deployment
deployCompleteAnwarSalesEcosystem()
```

Cleanup Functions

```
// Clean folders older than 7 days
cleanupOldFolders(7)

// Clean folders older than 30 days (default)
cleanupOldDeployments(30)

// List all existing deployments
listExistingDeployments()
```

What Gets Created

Folder Structure

```
Anwar Sales Ecosystem - 2025-08-03-143055/
├── Forms/                (For Google Forms)
├── Spreadsheets/         (All spreadsheets organized here)
├── Documentation/        (Project documentation)
├── Reports/              (Deployment reports)
├── Test Results/         (Test execution results)
└── Configuration Backup/ (CONFIG backup documents)
```

Spreadsheets Created (20 total)

1. **CRM Master Database** - Central data hub
2. **Engineer Registration** - Engineer registration approvals
3. **Engineer Updates** - Engineer update requests
4. **Potential Sites** - Site management
5. **Potential Site Updates** - Site update requests
6. **Retailer Registration** - Retailer approvals
7. **Partner Updates** - Partner update management
8. **Partner Registration** - Partner approvals
9. **Order Creation** - Order management
10. **Dispute Creation** - Dispute handling

11. **Site Prescription** - Site prescriptions
12. **Project Updates** - Project status updates
13. **Visits** - Visit tracking
14. **Visit Updates** - Visit update management
15. **IHB Registration** - Individual House Builder registration
16. **IHB Updates** - IHB update management
17. **Retailer Updates** - Retailer update management
18. **Partner Updates Enhanced** - Enhanced partner management
19. **Retailer Point Requests** - Retailer point requests
20. **Demand Generation Requests** - Demand generation management

CONFIG Update Process

The system automatically updates `CONFIG.SPREADSHEET_IDS` with new spreadsheet IDs:

Before Deployment:

```
CONFIG.SPREADSHEET_IDS = {  
  CRM: '1-old-id-here',  
  ENGINEER_REGISTRATION: '1-old-id-here',  
  // ... other old IDs  
}
```

After Deployment (Automatic):

```
CONFIG.SPREADSHEET_IDS = {  
  CRM: '1-new-fresh-id-2025-08-03',  
  ENGINEER_REGISTRATION: '1-new-fresh-id-2025-08-03',  
  // ... all new fresh IDs  
}
```

Form Creation

After spreadsheet deployment, create forms manually:

```
// Quick form creation (recommended)  
createFormQuick()  
  
// Or use standalone form creation  
createAllFormsStandalone()  
  
// Or manual form creation  
createFormManually()
```

Best Practices 💡

1. Regular Fresh Deployments

- Run `createFreshDeployment()` for major updates
- Use `emergencyFreshStart()` for critical issues
- Regular deployments ensure clean, updated environment

2. Cleanup Management

- Run `cleanupOldFolders(7)` weekly to remove old test deployments
- Keep 2-3 recent deployments for backup
- Use `listExistingDeployments()` to monitor folder count

3. Testing Workflow

1. Run `createFreshDeployment()`
2. Run `createFormsQuick()` to add forms
3. Test with sample data
4. Deploy to production when satisfied
5. Clean up old test deployments

4. Production Deployment

1. Run `checkDeploymentStatus()` first
2. Run `createFreshDeployment()` for clean production environment
3. Create forms with `createFormsQuick()`
4. Set up triggers and test thoroughly
5. Send team the new spreadsheet links

Troubleshooting 🔧

Common Issues

1. Permission Errors

- Ensure Google Apps Script has necessary permissions
- Check Google Drive API access
- Verify Gmail API for email notifications

2. CONFIG Not Updated

- The system updates CONFIG in memory automatically
- Check `deploymentReport.configUpdated` status
- Review backup documents in Configuration Backup folder

3. Forms Not Created

- Forms require UI context
- Run `createFormsQuick()` from Apps Script editor

- Use standalone form creation if needed

4. Old Folders Accumulating

- Run `cleanupOldFolders(7)` regularly
- Monitor with `listExistingDeployments()`
- Manual cleanup via Google Drive if needed

Debug Functions

```
// Test deployment system
testDeploymentSystem()

// Validate spreadsheet IDs
validateSpreadsheetIds()

// Check CONFIG status
checkDeploymentStatus()
```

Email Reports

Every deployment sends a comprehensive email to asim.ilyus@anwargroup.com with:

- Deployment summary and status
- All new spreadsheet IDs
- Form creation instructions
- Next steps and recommendations
- Configuration backup information

Security & Backup

- **Automatic Backups:** Old CONFIG saved in backup documents
- **Timestamped Folders:** Easy identification and recovery
- **Email Reports:** Complete deployment documentation
- **Error Handling:** Graceful failure with detailed error reports

Support

For issues or questions:

1. Check Google Apps Script execution logs
2. Review email deployment reports
3. Use debug functions for troubleshooting
4. Contact system administrator with deployment report details

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