

# Gmail Management UI - Production Deployment & Monitoring Status

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## Production Deployment - LIVE

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### Production URLs

- **Main Application:** `https://solid-plants-type.loca.lt`
- **Monitoring Dashboard:** `http://localhost:3002`
- **Local Development:** `http://localhost:3000`

### ✓ Deployment Status

- **Application Status:** ✓ RUNNING
- **Authentication Fixes:** ✓ APPLIED
- **Production Tunnel:** ✓ ACTIVE
- **Real-time Monitoring:** ✓ OPERATIONAL
- **Log Aggregation:** ✓ STREAMING





## Real-time Monitoring Setup

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### Active Monitoring Components

1. **Live Log Streaming** - Real-time application logs
2. **Authentication Monitoring** - Login attempts and session tracking
3. **Error Detection** - Automatic error capture and alerting
4. **Network Monitoring** - API calls and HTTP requests
5. **Health Checks** - Production URL availability monitoring

### Monitoring Dashboard Features

-  **Authentication & Session Logs** - Live auth events
-  **Error & Warning Logs** - Real-time error detection
-  **Network & API Requests** - HTTP traffic monitoring
-  **All Application Logs** - Complete log aggregation

### Log Files Being Monitored



- `/tmp/production.log` - Main application logs
- `/tmp/localtunnel.log` - Tunnel status and connectivity
- `/tmp/auth.log` - Authentication events and errors
- `/tmp/log-monitor.log` - Monitoring system logs

## Authentication Fixes Applied

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### Fixed Issues

- ✓ Missing `name` attributes on login form inputs
- ✓ Form submission validation

-  NextAuth credential provider integration
-  Session management

## Test Credentials

- **Email:** john@doe.com
- **Password:** johndoe123

## Ready for Live Testing

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### What's Monitored in Real-time:

1. **Login Attempts** - Success/failure tracking
2. **Session Creation** - User authentication flow
3. **API Calls** - All authentication endpoints
4. **Form Submissions** - Input validation and processing
5. **Redirects** - Post-login navigation
6. **Errors** - Any runtime exceptions or failures

### Live Debugging Capabilities:

- **Instant Error Detection** - Alerts appear immediately
- **Authentication Flow Tracking** - Step-by-step login monitoring
- **Network Request Monitoring** - All HTTP calls logged
- **Performance Metrics** - Response times and load monitoring
- **Session State Tracking** - User session lifecycle

## Alert System

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- **Critical Errors** - Immediate popup alerts
- **Authentication Failures** - Real-time notifications
- **Connection Issues** - Tunnel/server status alerts
- **Performance Warnings** - Slow response detection

## Next Steps for User Testing

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1. **Access Production URL:** <https://solid-plants-type.loca.lt>
2. **Monitor Dashboard:** Keep <http://localhost:3002> open
3. **Test Login Flow:** Use provided credentials
4. **Watch Real-time Logs:** All events will appear instantly
5. **Report Issues:** Any problems will be detected immediately

## Live Debugging Process

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When you test the login:

1. Navigate to production URL
2. Enter credentials
3. Watch monitoring dashboard for real-time events
4. Any issues will trigger immediate alerts
5. Fixes can be applied instantly to production

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**Status:** ● READY FOR PRODUCTION TESTING

**Last Updated:** August 1, 2025 02:05 UTC

**Monitoring:** ACTIVE & STREAMING