

## **PRS Booking & Scheduling App — Deployment, Environment & Recovery Guide**

*Printable Reference Version — Last validated: 2025-12-26*

### **Overview**

This document covers the configuration, environment requirements, recovery steps, and validation procedures required to successfully deploy and restore the PRS Booking & Scheduling App following Streamlit resets, migration events, or environment loss.

### **Environment Requirements**

- Supabase (auth, database, storage)
- Gmail API (email sending + ICS attachments)
- Google Calendar (event integration)
- Streamlit Cloud secrets.toml

### **Required Secrets Configuration**

Your deployment must include the following secret keys and structures. Values may differ by environment but TOML structure must remain exact.

```
SUPABASE_URL  
SUPABASE_ANON_KEY  
SUPABASE_SERVICE_KEY  
ADMIN_EMAILS  
PRS_ADMINNS  
[gmail_oauth]  
[gcal_ids]  
SMTP_* (optional fallback)
```

### **Deployment / Recovery Checklist**

#### **Phase 1 — Core Environment Check**

- Load secrets — confirm no TOML parsing errors
- Sign in using prsbandinfo@gmail.com
- Confirm admin pages display correctly

#### **Phase 2 — Email + ICS Validation**

- Open Enter Gig / Edit Gig
- Enable Diagnostic Mode
- Trigger Sound Tech, Agent, and Player confirmations
- Confirm audit rows show “dry-run” status
- Disable diagnostic mode and send real test email
- Confirm Gmail sends and ICS file attaches/opens

#### **Phase 3 — Calendar Validation**

Run Calendar Diagnostics panel. Expected results:

- Google auth OK

- CalendarId recognized
- events.list allowed

#### **Phase 4 — Database Integrity Check**

- Gigs list loads
- Musician list loads
- Staffing Report works
- No RLS / permission failures
- Email audit inserts successfully

#### **Recommended Files to Preserve**

secrets.toml  
lib/auth.py  
lib/email\_utils.py  
lib/calendar\_utils.py  
tools/send\_\*.py  
requirements.txt

#### **Future Enhancement**

Add automated App Health Self-Test page providing one-click validation of:  
Supabase, Admin State, Gmail OAuth, Calendar API, ICS generator, Audit writes.

#### **Next Development Topic**

Player login and schedule-only access validation.

#### **Changelog**

2025-12-26 — Deployment baseline restored and verified.