

Meeting Preparation Guide: NRDC x BOA x DPO

Context: Meeting on Monday 2:30 PM with BOA (Bank of Africa), DPO (Data Processors Limited), and BOA Digital Department. **Role:** You are **Evans Mumo**, the Lead Developer for **Nutrition for Refugee & Displaced Communities (NRDC)**.

1. Primary Objectives

1. **Automated Reconciliation:** Transition from manual "Email Proof of Payment" to real-time bank transaction notifications (Webhooks).
 2. **Payment Gateway Integration:** Align on DPO's role in processing Card and Mobile Money payments for NRDC.
 3. **Sandbox Access:** Secure access to a testing environment to begin integration.
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2. Technical Talking Points (The "Ask")

A. Real-Time Webhooks

- **Our Requirement:** We need an automated notification when a credit transaction hits the NRDC bank account with a specific reference (e.g., NRDC-BT-XXXX).
- **Discussion Point:** Ask BOA Digital Team: *"What is the standard schema for your transaction webhooks? Do you support specific narration/reference field extraction?"*

B. Security & Authentication

- **Our Standard:** We prefer OAuth2.0 (Client Credentials) or Shared API Keys with HMAC signatures for integrity.

- **Discussion Point:** "What are your preferred security protocols for securing the callback URL? Do you require IP whitelisting?"

C. DPO Integration

- **Context:** DPO is likely the payment gateway (Network International).
 - **Discussion Point:** "Will DPO handle the card/mobile money switch while BOA handles the settlement and reconciliation API, or is it a unified platform?"
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3. Key Questions to Ask

1. **Documentation:** "Can you share the Technical Reference Guide (API Docs) for the Merchant API?"
 2. **Sandbox:** "How do we get credentials for the Sandbox/UAT environment to test the notification flow?"
 3. **Narration Limit:** "Is there a character limit on the reference field when a donor makes a bank transfer? (Crucial for our NRDC-BT- IDs)."
 4. **Latency:** "What is the expected latency between a deposit and a webhook trigger?"
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4. Platform Readiness (What to tell them)

- **Tech Stack:** Built on **Next.js 15+** with a **Prisma/PostgreSQL** backend.
 - **Ready to Integrate:** We have already implemented the [Technical Requirements](#) specification on our side.
 - **Compliance:** "We are currently completing the [Merchant Onboarding Forms](#) and KYC requirements for submission."
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5. Meeting Checklist

- ☐ Record the meeting (if Arnold allows).
- ☐ Ask for a technical point of contact (WhatsApp or Email) for integration support.
- ☐ Confirm if they require a specific static IP for NRDC servers.

*[!!IMPORTANT] Keep the focus on **Automated Reconciliation**. Manual verification is our current bottleneck for transparency and scaling.*