**1. Core Package Toggles**

Turn these on/off based on the client’s selected bot package:

| **Toggle Label** | **Description** |
| --- | --- |
| 🤖 Enable VoiceBot | Full voice control and AI voice handling |
| 📞 Outbound Calling | Initiates calls via call module |
| 📩 SMS Messaging Module | Enables all outbound/inbound SMS flows |
| 📧 Email Messaging Module | Enables auto/manual email comms |
| 🧠 AI Follow-Up / Escalation | Turns on lead escalation + Slack alerts |
| 🗃️ CRM Integration | Push to Airtable + HubSpot or other CRMs |
| 📆 Calendly Sync | Logs and acts on booking events |
| 🧲 Scraper Engine | Enables Apollo / Phantombuster flows |
| 💸 Invoicing + Payment Module | Enables Stripe/QuickBooks integrations |
| 🧾 PDF Quote Builder | Enables quote automation & PDF generation |

**✅ 2. Add-On Feature Toggles**

Pulled directly from your price sheet — all should be toggleable:

| **Toggle Label** | **Notes** |
| --- | --- |
| 📊 SmartSpend™ Dashboard | Ties into ROI + spend analysis modules |
| ⚖️ A/B Script Testing | Enables alternate script testing + logging |
| 🔔 Slack Notifications | Enables Slack alerts system |
| 🧠 Custom Personality Pack | Loads pre-built tone/persona variant |
| 📚 RAG External Knowledge | Enables retrieval-augmented GPT |
| 🧾 QuickBooks Integration | Automates invoice + accounting |
| 📅 Booking/Calendar Automations | Calendly + fallback + reminder flow |
| 🧩 White Label Mode | Hides YoBot branding |
| 📈 Botalytics™ ROI Dashboard | Enables client-facing metrics interface |

**✅ 3. Diagnostic & Safety Controls**

| **Toggle Label** | **Description** |
| --- | --- |
| 🔒 Kill Switch (Fallbacks) | Globally disables any fallback/test logic |
| 🧪 Test Mode | Runs sandbox mode (no real sends or calls) |
| 🛠️ Debug Logging | Logs to console or debug table |
| 📤 Force Re-Sync All Modules | Useful for re-initializing all flows for a client |

**✅ 4. Future Proofing / Visibility Controls**

| **Toggle Label** | **Why It's Important** |
| --- | --- |
| 📉 Lead Score Display | Enables/disables score visibility per lead |
| 🎯 Auto-Assign Reps | Enables assignment logic based on territory/tags |
| 🧑‍💼 CRM Touchpoint Timeline | Shows entire client interaction timeline |
| 📬 Email Open Tracking | Tracks if client opened emails (via SendGrid etc.) |

**SECTION 1: Module Toggles (Technical Enable/Disable Switches)**

| **Toggle Label** | **⚙️ What It Controls** |
| --- | --- |
| **VoiceBot Active** | Master toggle for voice commands + speech synthesis |
| **Call Engine** | Controls whether initiate\_call.py can execute |
| **SMS Engine** | Enables/disables all outbound/inbound SMS functions |
| **Email Engine** | Enables trigger\_email.py and GPT email generation |
| **AI Escalation Logic** | Enables AI scoring + ai\_followup.py execution |
| **Lead Scraper (Apollo)** | Turns Apollo scraping on/off (useful for quotas) |
| **Lead Scraper (Phantombuster)** | Same as above — separate toggle |
| **Calendly Webhook** | Controls whether incoming Calendly events are processed |
| **Stripe/QuickBooks Sync** | Master toggle for payment/invoice logic |
| **Slack Alerts Active** | Disables noisy Slack pings when debugging |
| **Webhook Receiver Active** | Disables all external webhooks temporarily |

🔧 Stored in Replit DB as:

json

CopyEdit

{

"voicebot\_enabled": true,

"scraper\_apollo": false,

"sms\_engine": true

}

**✅ SECTION 2: System Monitors**

| **Monitor** | **Description** |
| --- | --- |
| ✅ **Live Status Indicators** | Green/red indicators for all modules (e.g. ✅ VoiceBot) |
| ⏱ **Uptime Monitor (Ping)** | Last successful request timestamp per module |
| 🧾 **Logs Feed (Last 10)** | Shows last 10 log\_command\_center\_event() entries |
| 🚨 **Slack Alert Feed (Last 5)** | Pulled from Slack webhook monitor |
| 🧠 **Active Toggles List** | Mirrors DB state live — with “Reset All” option |

**✅ SECTION 3: Developer Controls**

| **Control Button** | **Function** |
| --- | --- |
| 🔄 Force Module Resync | Re-triggers initial config sync across all toggled modules |
| 🧪 Trigger Test Call | Sends a test call to your number using initiate\_call.py |
| 📤 Push Fake Calendly Event | For simulating webhook logic without external event |
| 🚫 Reset Replit DB | Clears all toggles and resets defaults (confirmation modal) |
| 🐞 Toggle Debug Logging | Enables verbose logging into the log table |

**✅ Suggested Layout:**

* 3-column responsive layout:
  + **Left:** Toggles
  + **Center:** System Logs / Status
  + **Right:** Manual Tools & Dev Buttons

Use Tailwind + Framer Motion for snappy interface.  
Each toggle should **instantly update Replit DB** and trigger any dependent cleanup/init.

**What to Add to the Backend (Tech Control Panel)**

**🔐 Section: Module Controls (Per Client / Global)**

| **Toggle / Control** | **Behavior if ON** | **If OFF...** |
| --- | --- | --- |
| ☑️ VoiceBot Engine | Accepts + responds to voice input | Mutes voice channel entirely |
| ☑️ Outbound Call Engine | Enables /initiate\_call.py | Blocks all call attempts |
| ☑️ Email Engine | Enables trigger\_email.py & SendGrid send | Email buttons log but don’t send |
| ☑️ SMS Engine | Full SMS control (send, receive, webhook) | All SMS modules blocked |
| ☑️ Scraping Engine | Allows Apollo / Phantombuster jobs | All scrape buttons fail silently or log only |
| ☑️ Lead Follow-Up AI | Enables ai\_followup.py | No escalations or auto-pushes occur |
| ☑️ Slack Alerts | Sends system alerts | Suppresses Slack entirely (quiet mode) |

💡 **Backend logic should show which clients have each feature live.** Click = toggle Replit DB variable or Airtable toggle.

**⚙️ Section: Diagnostic Tools**

| **Button** | **Function** |
| --- | --- |
| 🧪 Run VoiceBot Test | Simulates a voice command + logs it |
| 📤 Push Fake Calendly | Triggers a dummy webhook event to test /webhook\_calendly\_event.py |
| 📬 Simulate Inbound SMS | Runs /webhook\_inbound\_sms.py locally with test payload |
| 🧠 AI Follow-Up Test | Manually triggers ai\_followup.py with sample data |
| ♻️ Reset Toggle State | Resets all toggles to default config (confirm modal first) |

**🧩 Section: Module Visibility (UI Layer Only)**

| **Toggle** | **Action** |
| --- | --- |
| ☑️ Show Scraper Button | Shows/hides “Run Lead Scrape” button in UI |
| ☑️ Show Call / SMS Panel | Controls visibility of Voice Comm buttons in Command Center |
| ☑️ Show Revenue Forecast | Hides all sales/money metrics in UI (for non-admin roles) |
| ☑️ Show Debug Logs | Enables real-time logs from log\_command\_center\_event() |

🛠️ These don’t affect backend behavior — just what’s shown.

**📊 Suggested System Metrics to Display in Backend**

* Total modules wired per client
* Last webhook received (per module)
* Last voice command executed
* Errors in past 24h by module
* API usage % of monthly cap