BY MENDY / 23 SEP 2026

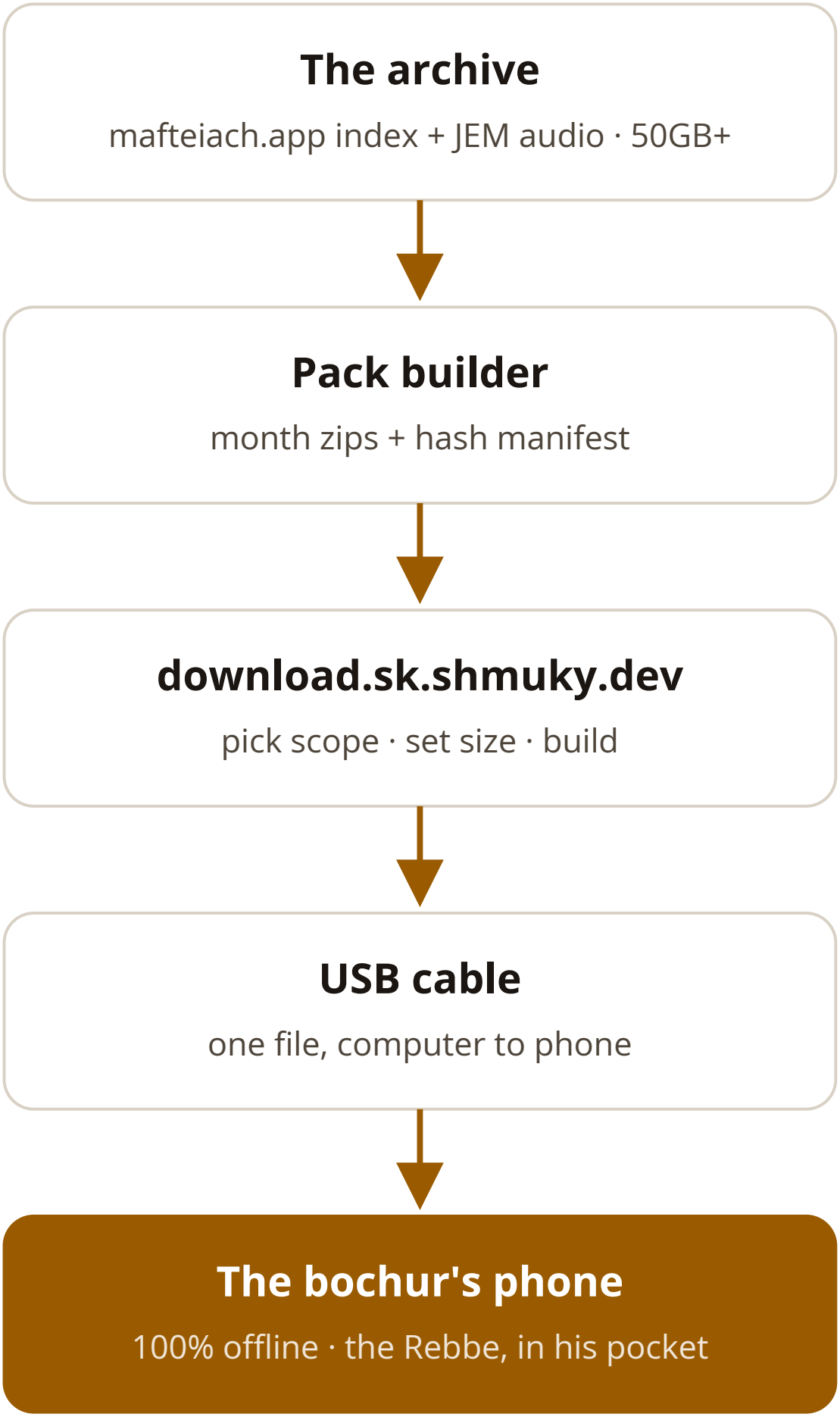
Sichos Kodesh: The Offline Vision

How a 50GB+ archive of the Rebbe's farbrengens becomes a 100MB pack on a bochur's kosher phone — with no WiFi, ever.

50GB+ archive of farbrengen audio	**2,722** hours of recordings
~115MB a typical month pack	**0** network calls on the phone

The goal is simple to say and hard to build: an app that puts the Rebbe's farbrengens into the hands of bochurim with kosher phones — devices that may never touch WiFi. No streaming, no accounts, no connection. The whole archive, distilled into packs you carry over a USB cable.

The journey of a pack


The archive
mafteiach.app index + JEM audio · 50GB+
Pack builder
month zips + hash manifest
download.sk.shmuky.dev
pick scope · set size · build
USB cable
one file, computer to phone
The bochur's phone
100% offline · the Rebbe, in his pocket

The trick that makes it simple: the app already ships its whole catalog — dates, occasions, file IDs — as tiny metadata inside the APK. The only thing that ever needs the network is the media bytes. So a pack is just media files, and the player barely changes: packs pre-seed the cache it already checks first.

Anatomy of a pack

One zip per source-year and Hebrew month — `5736-tishrei.skpack`. A single file to copy, hash-verified before the app trusts it, so a half-copied pack is rejected, never half-imported.

5736-tishrei.skpack

manifest.json

hash of every file · pack version · catalog version

audio/

the farbrengen recordings, voice-optimized

pdfs/

the hanachos — the text that plays alongside the audio

Why the sizes work

Full archive



Tishrei pack



Average month



Not to linear scale — the archive is roughly 400x a month pack. That's the point: nobody needs the archive on their phone. They need תשרי, this month, now.

Four phases, in order

1. **Pack builder**
   A new package turns the crawled archive into month zips: resolve each month's audio and hanachos, transcode speech to a small voice bitrate, hash everything, zip it. Nothing else unblocks without this.

2. **App import**
   The phone watches a folder over USB, verifies each pack's hashes, and unzips it straight into the cache the player already uses. Shippable milestone: the APK plus one hand-built Tishrei pack.

3. **Smart download site**
   `download.sk.shmuky.dev` — pick a scope, set preferences, see a live size estimate, and build a custom pack. Over the size target? Split into numbered parts or auto-trim, audio first. Popular packs pre-built and one click.

4. **Yeshiva station**
   Software for the office computer that's already there. It syncs packs overnight; a bochur plugs in, gets one-tap loading of only what's new. Later, the yeshiva's general content hub.

The station is the distribution

Every yeshiva already has the computer and the ritual: bochurim lining up with their players while someone drag-copies MP3s in Windows Explorer. No new hardware to sell, no new habit to teach — just software that turns that janky workflow into a library:

1. The station syncs new packs overnight, at office-internet speed.
2. A bochur plugs in his phone. The station recognizes it and sees what's already on it.
3. One tap copies the new month — only the new month.
4. He walks away with the Rebbe's תשרי in his pocket. No internet, no account, no friction.

> ⓘ The bottleneck was never the internet — nearly everyone has that at home. It was the *assembly*: turning a scattered index and streaming-only audio into a clean offline archive. That's done. What's left is distribution, and distribution is just this page, made real.