Communications infrastructure your AI agents operate

Send and receive across email, SMS, WhatsApp, and voice. One API, one contract, on the network that already carries 40% of the world's commercial messages.

Get started

Sign up with Google

Using Claude Code, Cursor, Codex, Windsurf, or Copilot? Copy a setup prompt and your agent installs the Bird CLI and skills for you, or connect any MCP client.

Claude Code Codex Cursor

TRUSTED EVERY DAY BY TEAMS THAT BUILD WORLD-CLASS SOFTWARE

Read more customer stories →

Airwallex · Glovo · Zillow · Uber · BINANCE · Adobe · Meta · PayPal · Pinterest · Square · ALJAZEERA · aramex delivery unlimited · بازار BAZAAR · Compara · Emma

Drop it in.
Same shape, every stack.

TypeScript, Python, and Go SDKs. REST, curl, or the CLI when you'd rather not. MCP for the agent on your shoulder.

Node.js | Python | Go | PHP | Serverless | REST | Terminal

Express | Next.js | NestJS | Fastify | Nuxt | Hono | Bun

```ts
import express from 'express';

import { BirdClient } from '@messagebird/sdk';

const bird = new BirdClient({ apiKey: process.env.BIRD_API_KEY! });
const app = express();
app.use(express.json());

app.post('/welcome', async (req, res) => {
  await bird.email.send({
    from: 'onboarding@messagebird.dev',
    to: [req.body.email],
    subject: 'Welcome to Bird',
    html: '<p>You are in.</p>',
  });
  res.json({ sent: true });
});

```

Copy Code

01 DIRECT SENDING IPS / REACT EMAIL SUPPORT / MANAGED WARM-UP

Send Email. HTML and plain text, React Email supported. Delivered on the network the ISPs already trust.

Read Email Docs

Direct sending IPs, managed warm-up, ISP-aware routing, SPF/DKIM/DMARC handled. Templates render in HTML and plain text, with React Email supported.

email.tsx 200 · 1.2s

```tsx
import { BirdClient } from '@messagebird/sdk';

const bird = new BirdClient({ apiKey: process.env.BIRD_API_KEY! });

await bird.email.send({
  from: 'onboarding@bird.dev',
  to: ['alex@example.com'],
  subject: 'Hello from Bird',
  html: '<p>Your first email is <strong>live</strong>.</p>',
});
```

→ Per-ISP delivery breakdown

→ Per-message audit log

02 A2P 10DLC / TIER-1 CARRIERS / VOICE OTP FALLBACK

Send SMS. Tier-1 carriers, 190+ countries, with the compliance overhead handled for you.

A2P 10DLC, alpha sender IDs, DLT entity registration: we file what you have to file. Smart routing per destination. Voice OTP fallback when SMS degrades. A 6-digit code lands in under three seconds on the lines that matter.

sms.ts 202 · 0.4s

```ts
import { BirdClient } from '@messagebird/sdk';

const bird = new BirdClient({ apiKey: process.env.BIRD_API_KEY! });

await bird.sms.send({
  from: 'Bird',
  to: '+31612345678',
  text: 'Your order #4821 has shipped. Track it: bird.ly/t/4821x',
  category: 'transactional',
});
```

- 10DLC application + brand vetting in 48h
- Route diversity per destination
- Voice OTP fallback (opt-in per account)
- Segment-accurate pricing in the response

03 PSTN + SIP / STREAMING TTS / DECLARATIVE FLOWS

Voice is being upgraded

Use Voice. Programmable voice, on PSTN and SIP, with TTS that doesn't sound robotic.

Outbound and inbound. Declarative flow JSON for IVR. Recording and live transcription. Streaming TTS in thirty languages with sub-250 ms first-byte audio: the model loads before the call connects.

voice.ts 201 · 0.4s

- → Streaming TTS in 30+ languages
- → Declarative flows: say, gather, dial, transfer
- → Recording + live transcript over WebSocket
- → PSTN + SIP termination, BYOC supported

04 CLOUD API / TEMPLATE MESSAGES / INTERACTIVE REPLIES

Send WhatsApp. Official Cloud API. Templates, interactive buttons, and media, on the channel three billion people already use.

Pre-approved templates, session messaging, and interactive replies. Delivery and read receipts on every message. One number, every conversation, with the same typed API as email and SMS.

whatsapp.ts

202 · 480ms

```ts
import { BirdClient } from '@messagebird/sdk';

const bird = new BirdClient({ apiKey: process.env.BIRD_API_KEY! });

await bird.whatsapp.send({
  to: '+14155550182',
  template: {
    slug: 'bird_delivery_update',
    components: [{ type: 'body', parameters: [
      { type: 'text', name: 'ref',  text: '#4821' },
      { type: 'text', name: 'date', text: 'Wednesday' },
    ] }],
  },
});
```

- Official Cloud API access
- Template + session messaging
- Interactive buttons and lists
- Delivery + read receipts

05 HOSTED PUB/SUB OVER WEBSOCKETS / PRESENCE / WEBHOOKS

Go real-time. Hosted pub/sub over WebSockets: subscribe, publish, scale.

Live chat, presence, and in-app notifications, without running the WebSocket infrastructure yourself. A channel needs no provisioning: it exists as soon as something subscribes to it.

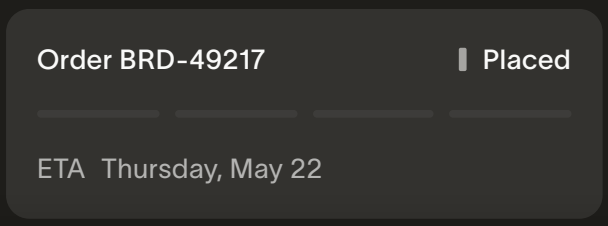
realtime.ts connected

```
import { BirdRealtime } from '@messagebird/realtime';

const bird = new BirdRealtime({ appKey: process.env.BIRD_REALTIME_APP_KEY!, region: 'us1' });

const channel = bird.subscribe('orders-42');

channel.bind('order-shipped', (data) => {
  render(data);
});
```



- Server SDKs for Node, Python, and Go
- Presence and membership events out of the box
- A webhook for every channel state change
- Free to use while Realtime is in preview

We are a team of engineers who love building tools for other engineers.

Test mode, real-time webhooks, and an MCP server for the agent on your shoulder.

Delivered delivered@bird.dev

Send

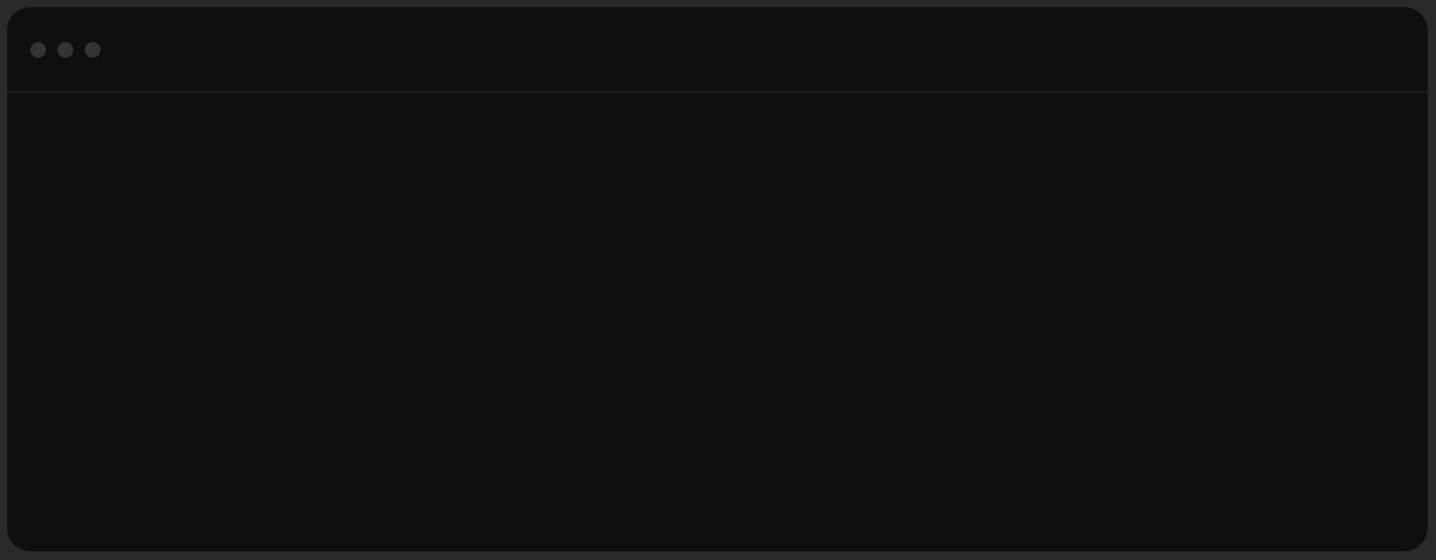
```
202 Accepted: { "id": "em_01kove1gv2hs72p4rq94zmt" }
202 Accepted: { "id": "em_01k50rmp0fe5kbyt8rah4ja" }
202 Accepted: { "id": "em_01km947y1ofmto7ilsfudgv" }
202 Accepted: { "id": "em_01k3eho76xg32xg32tk7idg" }
202 Accepted: { "id": "em_01kkju9g76dgb6psfupkna1" }
202 Accepted: { "id": "em_01k1o7qlcfexojyhwvqxw7i" }
```

Test mode. Simulate every state — delivered, bounced, complained, queued — without burning real budget or hitting a real recipient.

```
POST /webhooks/bird

15:42:16  200  sms.failed                128ms
15:42:13  500  email.delivered            42ms
15:42:10  200  whatsapp.read              55ms
15:42:07  200  voice.completed            91ms
15:42:04  200  sms.failed                128ms
15:42:01  200  email.delivered            42ms
```

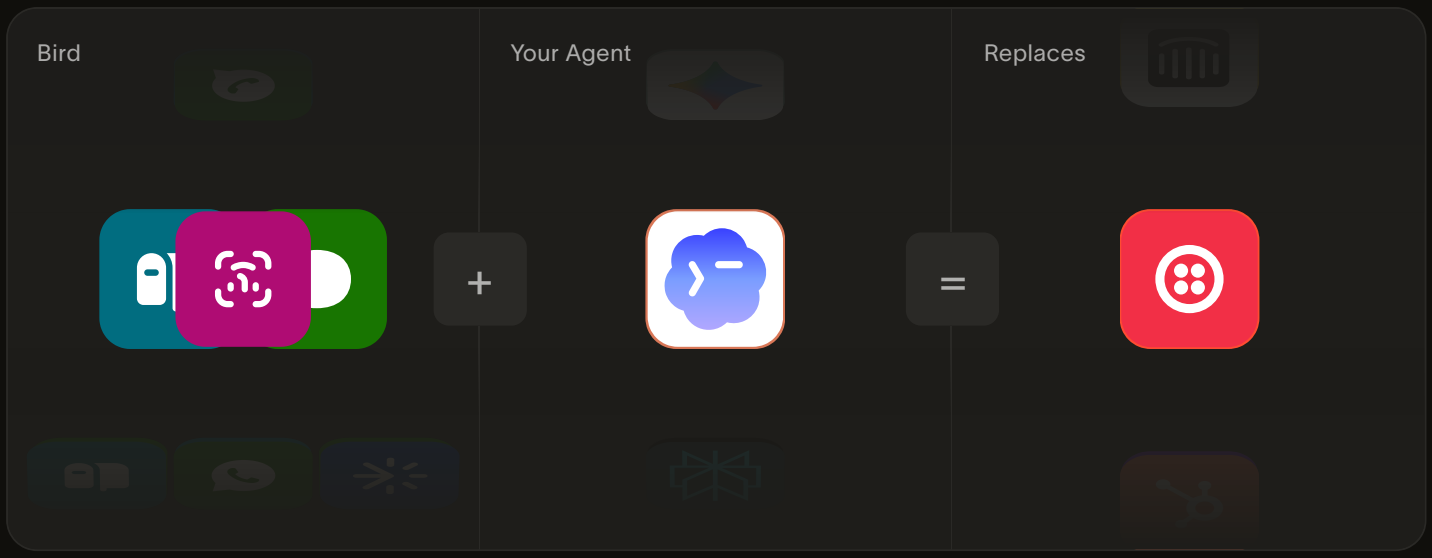
Modular webhooks. Real-time event webhooks, per channel. email.delivered, sms.failed, voice.completed, whatsapp.read. HMAC-signed. Replay-protected. Same shape every channel.



MCP for agents. Connect Claude or Cursor to Bird's hosted MCP server, or run it locally with the bird CLI. Your agent gets typed tools across every channel: scoped keys, full audit, no leakage.

Bring your own agent

Whether you want to send an email campaign or OTP over SMS, all you need is your agent and Bird. One platform. Pay only for what you use.



Five products.
One shared layer.

Email, SMS, voice, WhatsApp, and Realtime, all built on the same primitives. Learn the platform once, ship across every channel.

Auth. One key format. Scoped to send vs. manage, read vs. write. Prefix + fingerprint so you know which key did what. Multiple keys live at once, so you rotate on your schedule.



Idempotency. Idempotency-Key on every POST, PATCH, and DELETE. Replays come back free and flagged. Reuse a key with a different body and you get a 409, not a surprise.



Errors. One envelope. One closed type union. Every code ships with a docs link and a message that tells you what to do.



Webhooks. Standard Webhooks spec: HMAC-SHA256, per-endpoint secrets, 5-minute replay window: verify with any off-the-shelf library. Rotate secrets with a 24-hour dual-signing overlap. Attempt logs and replay built in.



Pagination. Cursor-based. Stable order on every list, enforced by construction. No page drift, ever.



Rate limits. IETF RateLimit headers on every response, not just the 429. You can see your budget before you hit the wall, and Retry-After when you do.



Suppressions. Bounces, complaints, unsubscribes: managed automatically, queryable and editable via API. Transactional streams can bypass marketing unsubscribes. Idempotent by design.

Your messages, actually arriving.

Real-time signals on inbox placement, bounce rates, and send volume, across every channel, every region. No guesswork.

World's commercial messages, by volume, transit the Bird network.

40%

Countries with direct carrier relationships, route diversity, and local compliance handled.

190+

Running thi infrastructu The team behind it is the team building the API.

15 years

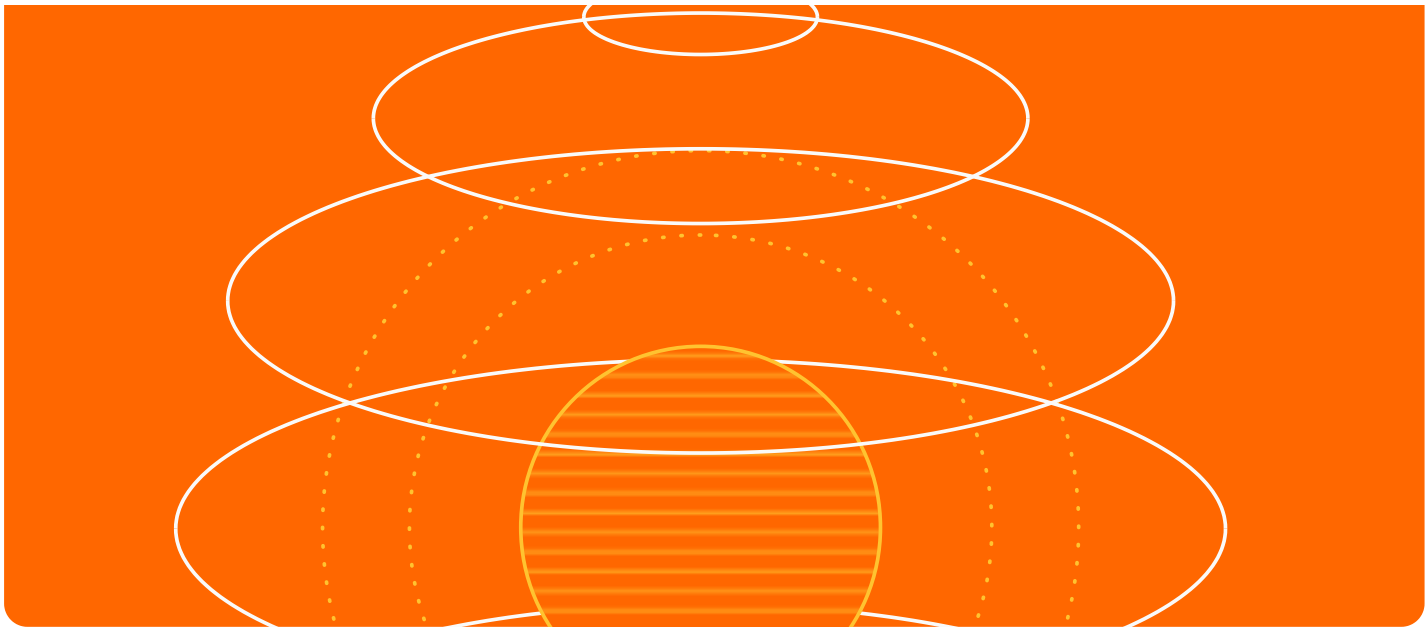
Start with one channel. Add the others when you're ready.

A test API key is yours immediately. Production unlocks when you add a payment method and verify a sender.

Get started Read docs

Using Claude Code, Cursor, or Codex? Copy a setup prompt and your agent installs the Bird CLI and skills for you. Pick yours:

Claude Code Codex Cursor



PRODUCTS

Email

SMS

Voice

WhatsApp

Verify

Lookup

RCS

Push

eSIM

Realtime

RESOURCES

Documentation

Quickstart

API Reference

MCP Server

Knowledge Base

Integrations

Customers

Guides

Learn

Changelog

Blog

Careers

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