

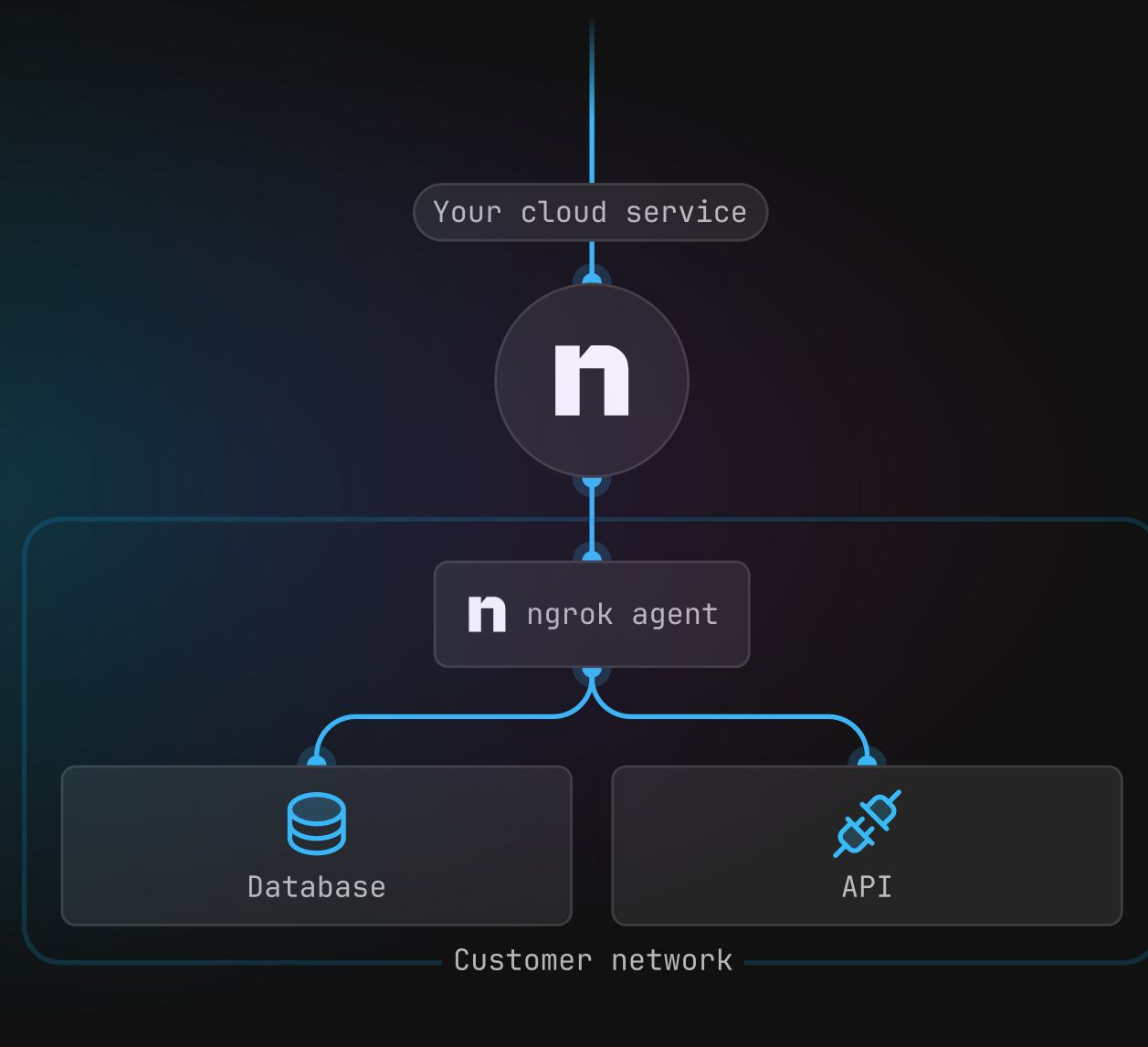
SITE-TO-SITE CONNECTIVITY

Connect to private APIs and DBs in customer networks.

Access the services you need without debugging your customer's network. Stop hopping on calls with IT teams to open firewalls and detangle VPNs.

START BUILDING

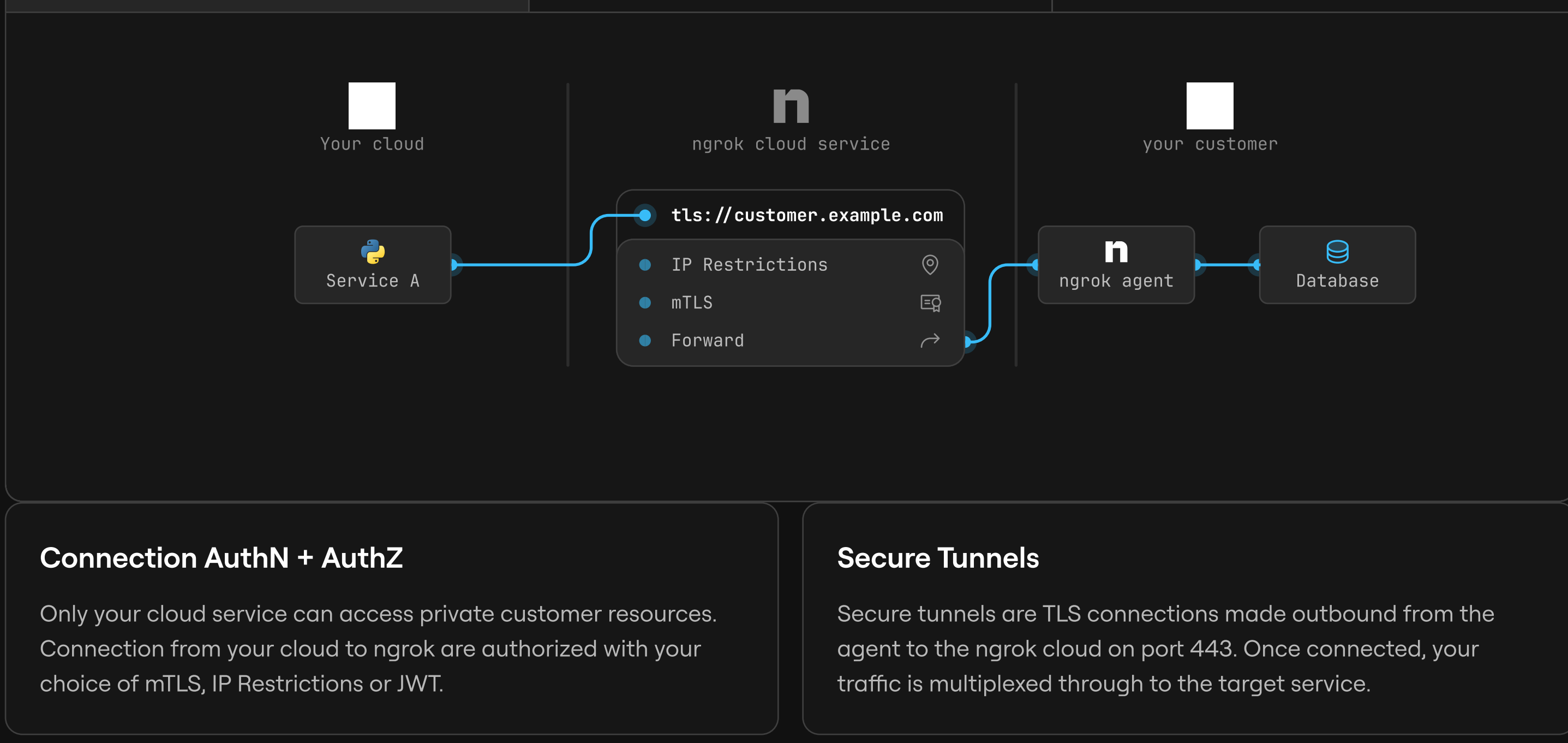
READ THE GUIDE



HOW IT WORKS

No firewall changes, no open ports, no VPNs.

Customers run a lightweight agent that creates **secure tunnels**. Your traffic is relayed to your customer through the ngrok cloud.

**Connection AuthN + AuthZ**

Only your cloud service can access private customer resources. Connection from your cloud to ngrok are authorized with your choice of mTLS, IP Restrictions or JWT.

Secure Tunnels

Secure tunnels are TLS connections made outbound from the agent to the ngrok cloud on port 443. Once connected, your traffic is multiplexed through to the target service.

Why ngrok?

Any network, one way to connect

The ngrok agent works the same way *everywhere*: any cloud and on-prem. You can stop reverse-engineering your customer's network and firewall configs.

Your customers can't screw it up

Running an agent container is straightforward, configuring VPC peering is not.

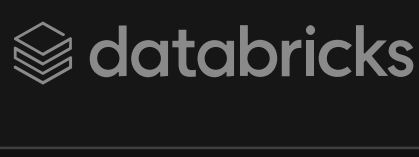
Databricks and Copado got their customers connected faster, you can too.

CASE STUDY

Ihor Leshko

Director of Engineering, Databricks

ngrok opened the door to rapidly onboard big enterprise customers. With ngrok, we get comprehensive security and the functionality we need for all of our use cases.

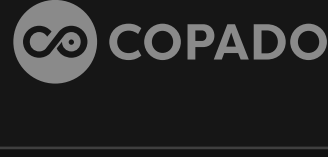


CASE STUDY

Austin Cottrell

Cloud Infrastructure Engineer, Copado

With traditional site-to-site VPNs, it would take us weeks or even months to securely connect our platform to our customers' networks. ngrok reduces the integration time to days.



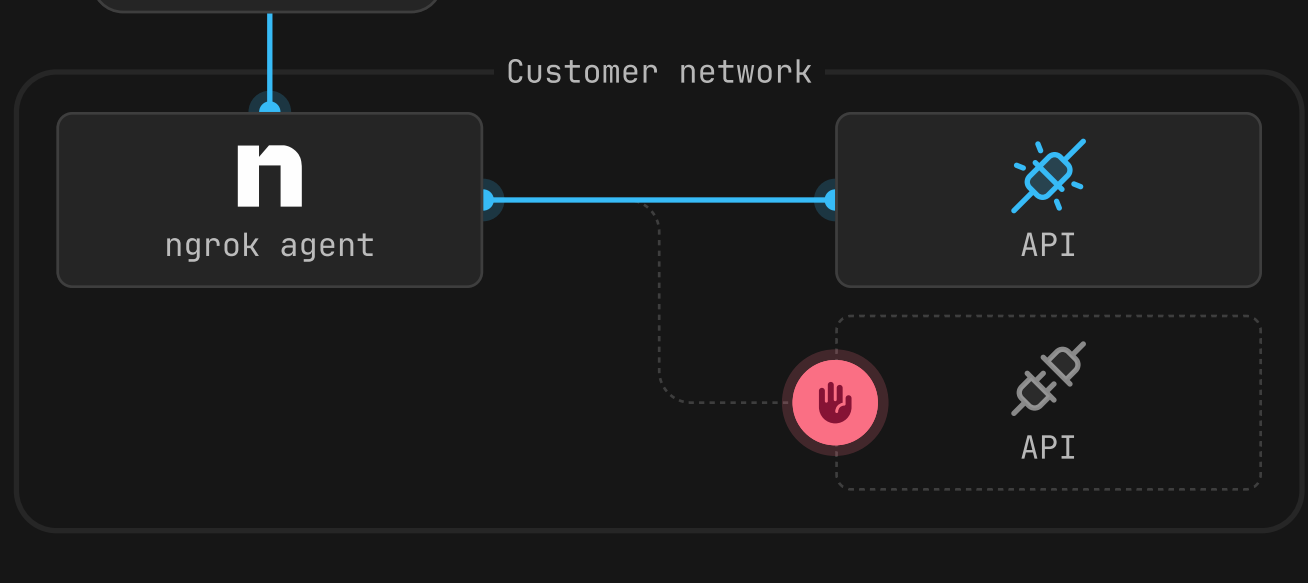
SECURITY

Sail through the most rigorous security assessments.

The ngrok agent already runs in banks, healthcare systems, and Fortune 100 networks to deliver private connectivity.

**Access a service, not your customer's whole network**

Tightly scope your access to exactly the APIs and databases you need and not a single port or process more.

**Encrypt end-to-end with your own keys**

Terminate TLS in your customer's network at the upstream service or the ngrok agent. The ngrok cloud service only sees ciphertext.

**Restrict your traffic to specific regions**

Comply with data residency requirements by selecting the exact ngrok data centers used to relay your connections.

**Safe multi-tenancy with least-privilege agent ACLs**

You can't trust agents running in your customer's network. ACLs lock them down to only create endpoints you authorize.

All the boxes you need to check

TRUST CENTER →



- SOX2 Type II
- HIPAA & BAA
- GDPR
- CCPA
- EU-US DPF



- RBAC
- SSO & SCIM
- Audit logs
- Data residency
- White-labeling

Your customers have questions. We have answers.

Send your customers a complete Q&A on how ngrok works and why it's secure.

CHECK IT OUT →

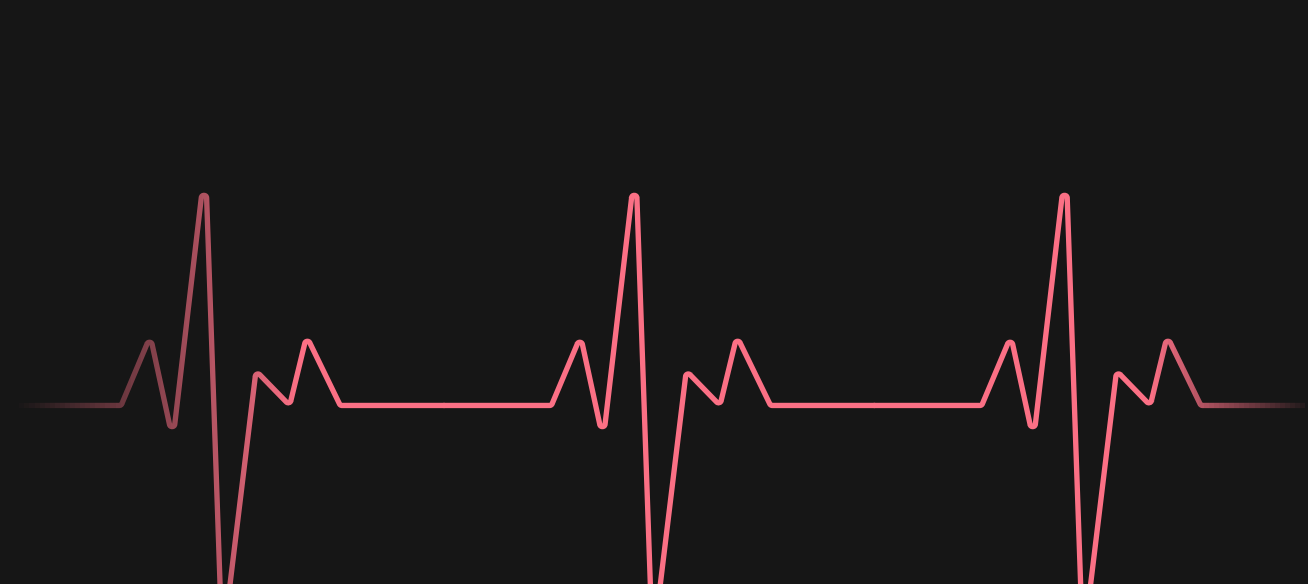
RELIABILITY

Hit all the 9s in your SLA.

Network failures are inevitable. Identify and recover from them automatically.

**Trust your connection to be always-on**

You can't control your customer's network. That's why the ngrok agent runs in the background and heartbeats its connection to recover quickly after it sees **connection reset by peer**.

**Alert on issues before customers notice**

Publish tunnel status and connection events to your telemetry platform. When a connection drops, you'll know before your customer does.

**Achieve HA with active-active agent redundancy**

Run multiple agents in your customer's network. Connections are balanced across them. You'll stay connected even when customer compute fails.

**Stay online during region outages**

You won't go down when entire datacenters fail. Agents create secure tunnels to multiple regions of the ngrok cloud service.

PRODUCTION READY

Everything you need to productize and scale.

**Automate everything with APIs**

There's an API for every thing so it's easy to scale across all your customers. We've also integrated ngrok into the declarative IaC tools you use to manage the rest of your production infra.



Multi-platform CLI



Docker Desktop app



Docker images



Kubernetes Operator



Agent SDKs



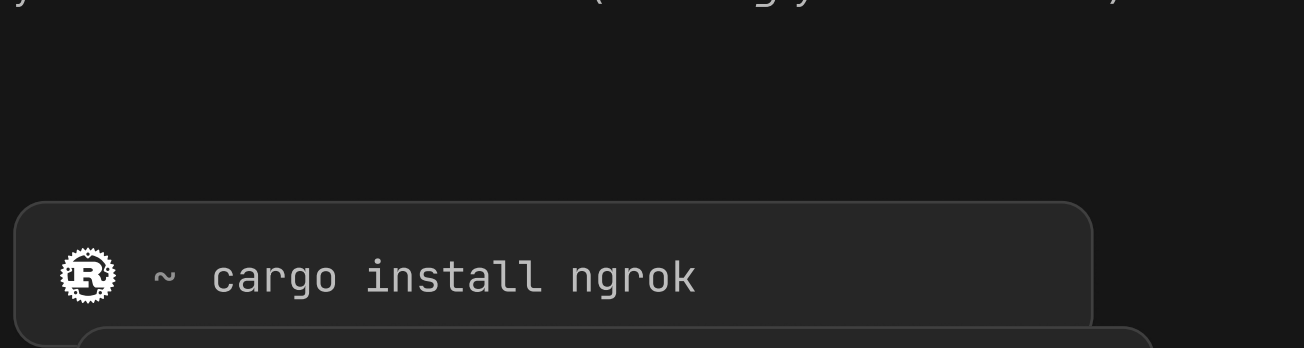
API client libraries



Terraform provider

**import ngrok**

Skip redistributing another binary and embed the ngrok agent in your own code. Great for when your software is already running in your customer's environment (like *bring-your-own-cloud*).

**Dead-simple agent distribution**

The ngrok agent is lightweight and dependency-free. We've packaged it as a Docker image, standalone binary and Kubernetes Operator to make distribution easy for you.

**White-label everything your customers see**

Brand your URLs and the address the agent connects to with your own domains. You can assign them dedicated IPs, too.

Need to self-host ngrok?

INQUIRE ABOUT PRIVATE EDITION →