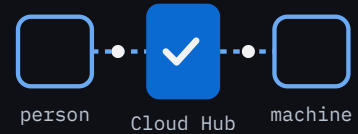


REMOTE ACCESS FOR MACHINE NETWORKS

Reach the machine. Not the whole plant.

Secure remote access to machines in factories, including sites where every machine line uses the same IP addresses. People reach exactly the machines they're allowed, from a browser or a small client, and every session is audited.



People

Staff, machine builders and integrators sign in with two-factor or single sign-on, and open machines from *My access*.



Cloud Hub

Runs in your data centre or a cloud VM. Users, rules, audit and licensing stay with you.



Cloud Connector

A small DIN-rail-friendly box at each site. Outbound-only, mutual TLS: no inbound firewall rules.

01 Connect any site

- ✓ Outbound-only: no inbound ports or public addresses at the plant
- ✓ Lines with the same addresses side by side, through 1:1 mapping
- ✓ No changes on PLCs or HMIs: no new routes or gateways
- ✓ Site-side allowlist the Hub can never widen
- ✓ Ethernet, Wi-Fi or 4G/5G mobile data, with a backup link
- ✓ No hardware lock-in: Cloud Connectors are based on Raspberry Pi. Buy ours, or bring your own from any local store

02 Reach the right machine

- ✓ In the browser: web HMIs, Remote Desktop, VNC, SSH, Telnet and serial consoles
- ✓ Any TCP port: Modbus, OPC UA, S7, EtherNet/IP and more
- ✓ Client for Windows, Mac and Linux for engineering tools; optional WireGuard VPN
- ✓ Static port forwards for SCADA and historian servers
- ✓ File drop at the site, copied to the Hub and collected over SFTP or S3

03 Control outside vendors

- ✓ Nothing visible until granted, per machine or per site
- ✓ Divisions and vendor accounts, with delegated administration
- ✓ Vendors: two-factor, access hours and an end date; sessions close when time is up
- ✓ Single sign-on: Entra ID, Google, Okta, OpenID Connect, ADFS, SAML
- ✓ Several companies on one Hub, kept fully separate

04 Run and prove it

- ✓ Audit log of every sign-in, session, change and alert, with terminal transcripts
- ✓ Mutual TLS, TLS 1.3 by default, a certificate per Cloud Connector
- ✓ Signed one-click updates, remote diagnostics and self-healing
- ✓ Alerts when a Cloud Connector goes offline or a machine stops answering, without floods
- ✓ Ember, the built-in helper, with troubleshooters that run real checks

New in 0.3.0

AVAILABLE NOW



Remote desktop in the browser

RDP and VNC to engineering stations and HMI panels in a browser window, with clipboard and Ctrl+Alt+Del. No client needed.



Browser terminal

SSH, Telnet and serial consoles in the browser. SSH with passwords or keys, and a warning if a device's key changes.



Serial consoles

USB console cables or USB-to-RS232 adapters on the Cloud Connector reach routers, switches, firewalls, drives and PLC service ports. Send break for password recovery.



4G/5G with data saving

A mobile modem as main or backup link. On standby a site uses about 15 MB a month; the tunnel opens in seconds when someone needs it.



Session transcripts

Every browser terminal session is recorded as text, kept for 90 days and linked from the audit log.



Maintenance mode and more

Hold a site's alerts for 1 hour to 1 week while people work on it. Free HTTPS certificate from the console, and VPN-only port forwards.

Introducing in 0.4.0 IN BETA

Built and in beta testing now; customers get it with 0.4.0.

Detect: threat detection

Licensed add-on for 8 GB Cloud Connectors, built on Suricata. Incidents show the remote session on the attacked machine, with one-click responses.

Machine VLANs

Up to 20 machine VLANs on one Cloud Connector, all with the same addresses.

Time for the machines

The Cloud Connector serves NTP to PLCs and HMIs, kept in step with the Hub.

Open API and SIEM export

REST API with scoped tokens, signed webhooks, and CEF, LEEF or JSON syslog.

Works with OT security platforms

One-click setup for Dragos, Claroty, Nozomi Networks, Armis, Tenable and Forescout.

Sign-in protection

Repeated failed sign-ins blocked in the Hub, and fail2ban on the server.

Coming soon: session video recording, SMS alerts, a mobile app, AI in Ember, automatic updates, and a hosted (SaaS) option.

Deployment

CLOUD HUB

One installer command on Debian 12 or 13 (amd64 or ARM). Free Let's Encrypt certificate. Works behind 1:1 NAT with only TCP 443 open.

CONNECTOR

Based on Raspberry Pi: buy ready-made CC-3/4/5 or industrial CC-4i/5i units from us, or build your own from parts at any local store.

Licensing and trial

- ✓ 30-day evaluation with up to 3 Cloud Connectors
- ✓ Hub licenses per company, or device licenses per Cloud Connector
- ✓ If a license lapses, it keeps working in a restricted mode, and security updates continue
- ✓ Public online demo with sample companies and a live machine line: request a link at firesightsystems.com