

INALP

SwarmGuard Industrial

Secure Connectivity and Remote Access

SwarmGuard Industrial redefines industrial communication by providing secure and trusted connectivity and remote access to any device and application from anywhere in the world.

Digital
Version



/ Key Features



Connect Anything from Anywhere

Securely connect your devices, applications and networks even if your infrastructure is behind NAT or firewall barriers.



Cutting-edge Security

Access management is made especially secure by our unique key distribution method and your data exchange is end-to-end encrypted with WireGuard.



Cloud Independent by Design (On-Prem)

Avoid a centralized cloud solution by converting any of your devices into an ingress gateway. Optionally take full control by hosting your controller on-premises.



Easy Setup and Operation

Onboarding devices is as easy as scanning their QR code with our mobile app. All the intricate tasks are handled automatically.



Maximum Availability

Convert multiple devices into ingress gateways to establish a redundant access network for your swarm.



Scalable as Required

Customize the swarm to fit your needs by adding devices to your overlay network at any time.

/ Security



Unique Key Distribution:

Our patent pending unique key distribution method (DRAKE) guarantees an easy but secure exchange of public keys, so that no third party can infiltrate your swarm and access sensitive data.



WireGuard®¹ Security Protocol:

One of the most secure VPN protocols available today that provides fast, reliable, and robust end-to-end encryption.



Multilevel Security:

Our multi-layered protection concept ensures that a single successful attack is not sufficient to break through the swarm's defences.

Device Connectivity

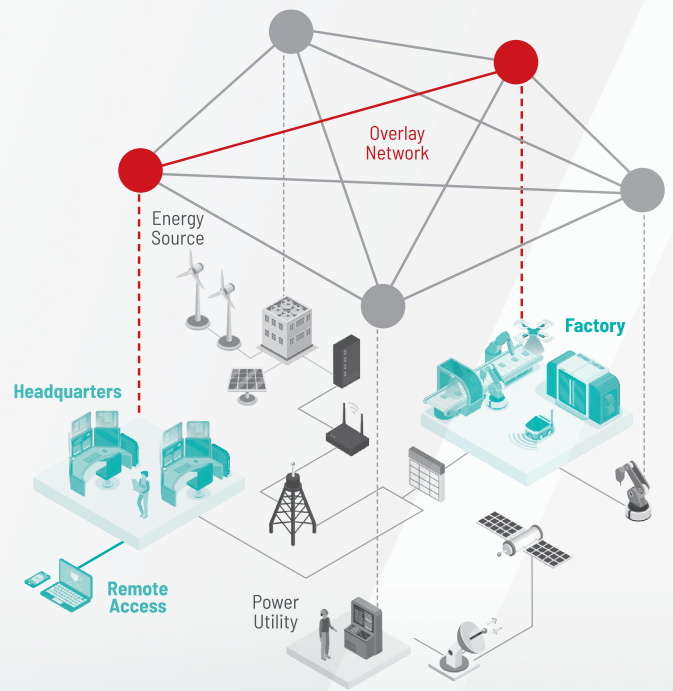
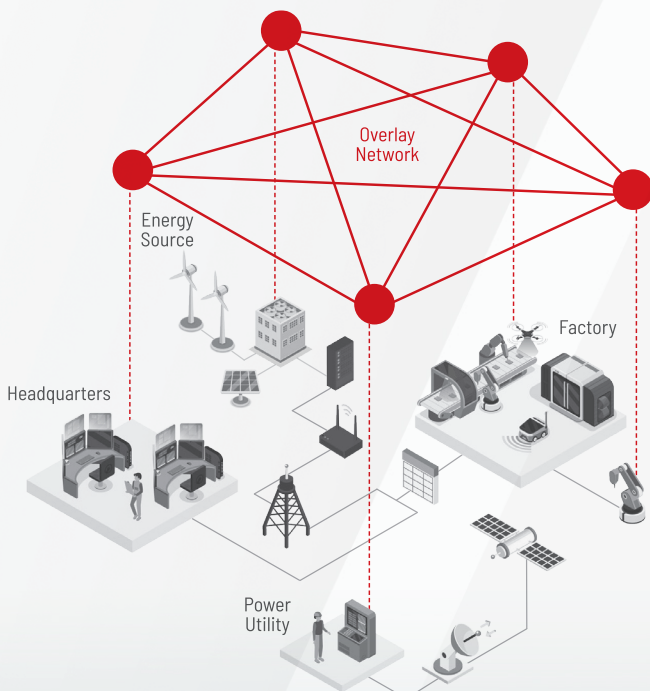
Effortlessly connect your industrial devices even behind firewalls and NATs.

- connect devices and networks across the world
- ensure secure and trusted communication
- enable centralized management and enhanced control

Remote Access

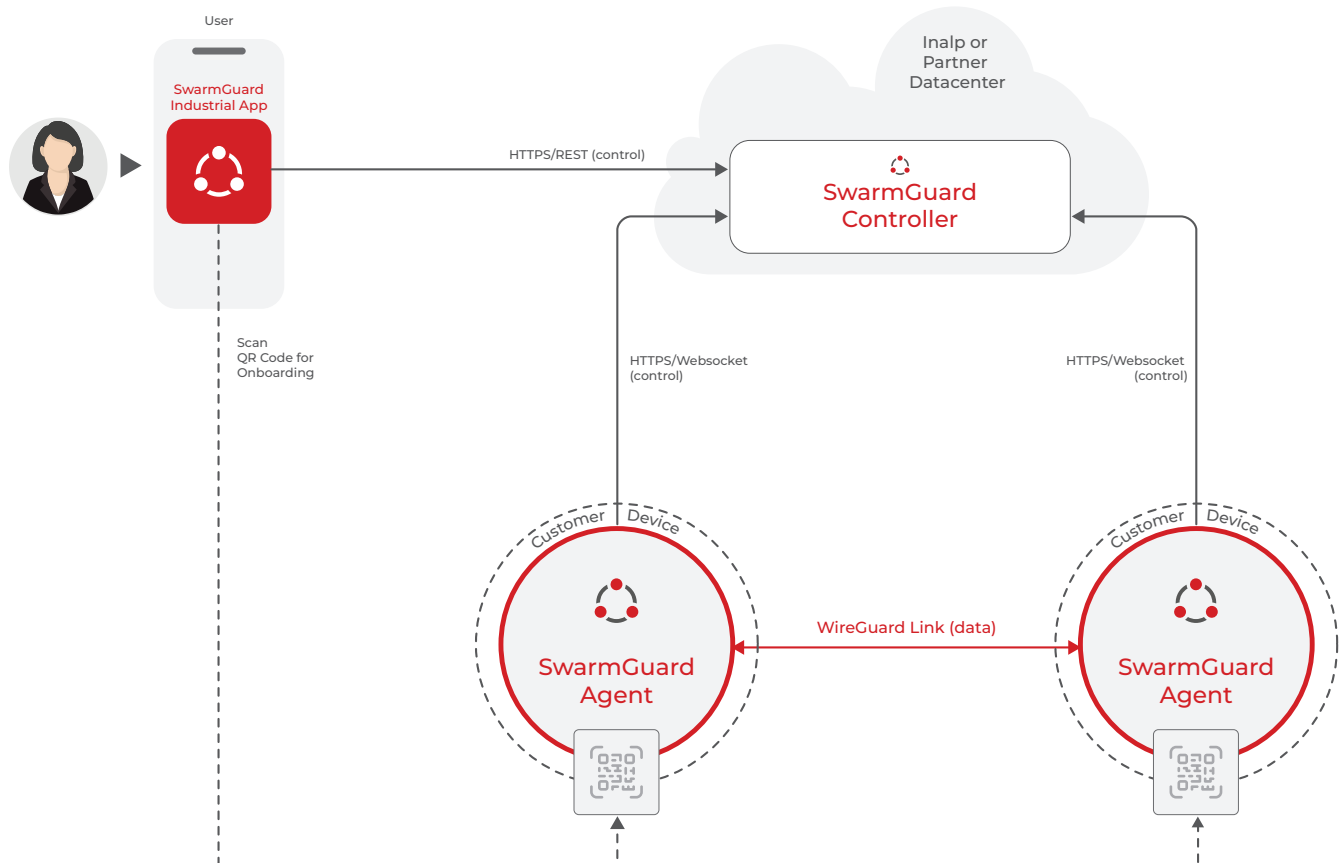
Monitor, maintain, and troubleshoot your systems securely from anywhere with SwarmGuard's ingress gateway.

- **Web-proxy²:** access devices via web or REST interface
- **SSH-proxy²:** secure CLI access for technical personnel
- **Layer-4 Gateway:** communicate using various protocols
- **Direct link²:** direct channel from a remote console to devices



¹WireGuard is a registered trademark of Jason A. Donenfeld.
²Roadmap feature
³Ask for more

/ System Architecture



/ Core Elements

SwarmGuard Industrial App

Network setup & administration

SwarmGuard Controller

Network management (SaaS, On-Prem)

SwarmGuard Agent

Connector software (client)

SwarmGuard Ingress Gateway

Remote Access (optional)

/ Specifications

Supported operating systems	Linux, Windows ² , Mac OS ²
Compatible CPUs	ARM64, ARMv7, x86-64bit, MIPS64, MIPS ³
Disk space requirement	min. 4 MB
Platform	Runs as native OS application or within containers on platforms like Docker, Kubernetes, etc.

SwarmGuard Agent (swarmd)

Kubernetes			
Docker	dpkg/opkg/apk		
Linux		Mac	Win

/ Easy Setup

1. Sign up

for free at swarmguard.io/industrial/sign-up/

2. Download the app

from Google Play Store or Apple App Store

3. Install SwarmGuard Agent

on your device or use a pre-equipped device

4. Register your device

by scanning a QR code with the mobile app

5. Repeat

step 4 to grow your swarm

[Setup Guide](#)



swarmguard.com/industrial/setup

/ Subscription plans

Test it now
for free without
subscription.

FREE

Limited time only!

FREE



FREE



Starter

Perfect fit for your PoC

- ✓ Max. 5 devices
- ✓ 5 users
- ✓ 1 ingress gateway



Standard

Start your first mesh network

- ✓ Up to 64 devices
- ✓ 25 users
- ✓ 2 ingress gateways



Advanced

The full experience for your network

- ✓ Unlimited number of devices
- ✓ Unlimited number of users
- ✓ 5 ingress gateways



Enterprise

Let's talk about your individual solution

- ✓ Unlimited number of devices
- ✓ Unlimited number of users
- ✓ Number of ingress gateways on request

Pricing (net values)				
Pricing per device per day	0 CHF/€	0,05 CHF/€	0,10 CHF/€	on request
Devices				
Devices total	5	64	unlimited	unlimited
Networking				
Peer-to-peer connections	✓	✓	✓	✓
End-to-end encryption	✓	✓	✓	✓
IPv4 and IPv6 routing	✓	✓	✓	✓
User-defined DNS host names	✓	✓	✓	✓
Failover through relay routing	✓	✓	✓	✓
Controller as a service	✓	✓	✓	✓
Controller on-prem	-	-	-	on request
Multiple networks total	0	0	25	✓
Custom Topology				
Based on ACL policies	-	-	✓	✓
Access Control				
Network-level access policies (ACLs)	-	-	✓	✓
On-demand remote access (debug client)	✓	✓	✓	✓
Remote Access				
Ingress gateway on-prem (L4) total	1	2	5	on request
Redundant ingress gateways	-	✓	✓	✓
Users				
User number total	5	25	unlimited	unlimited
User management	✓	✓	✓	✓
Visualization				
Admin app (mobile - iOS, Android)	✓	✓	✓	✓
Management portal (web)	✓	✓	✓	✓
Security & Monitoring				
WireGuard security protocol	✓	✓	✓	✓
Secure key exchange (DRAKE)	✓	✓	✓	✓
Device onboarding via QR code	✓	✓	✓	✓
Network & device monitoring (web)	✓	✓	✓	✓
Interfaces				
API	-	-	✓	✓
Customization				
White labeling	-	-	-	✓
Services				
Customer support	5x8	5x8	5x8	24/7
Support reaction time	best effort	best effort	8h	on request
Payment Options				
Pay by credit card	-	✓	✓	✓
Pay by invoice	-	-	-	✓
Annual billing	-	-	-	✓
14-day free trial	-	✓	✓	-

Features and prices are subject to change without notice.