

How Fijoport works




Fijowave


Mama-Telecom
The Mother of Telecommunication

Contents

About Fijoport

How it works

Fijoport for security



About Fijoport

Fijoport gives you remote access to equipment management and control over a secure IP network



No unnecessary call outs



Simple to install



Zero trust cybersecurity

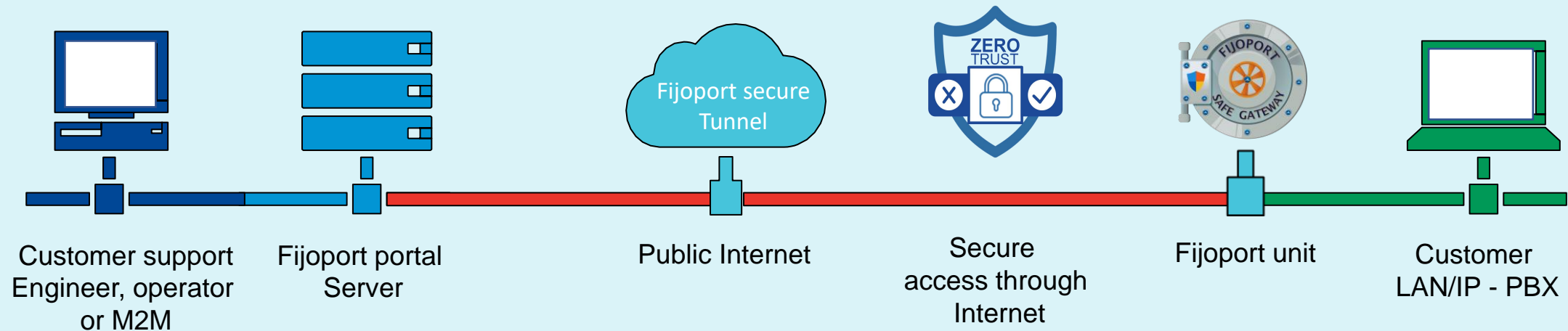


No need for customer involvement
(unattended access)



How it works

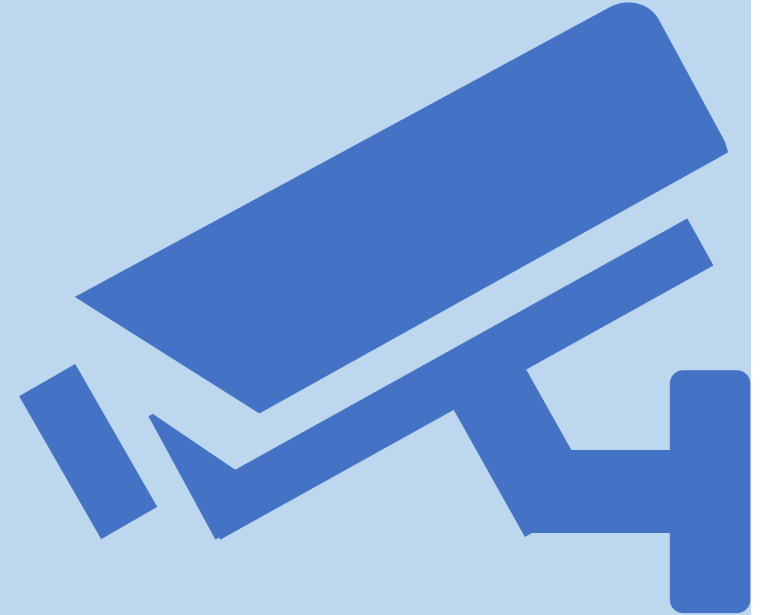
- We create an outbound secure connection from your Fijoport unit to a Fijoport server.
- We then create a secure tunnel.
- The secure tunnel can only be accessed by authorized users such as customer support engineers operators, Machine to Machine (M2M)
- They have access to specified equipment only. (Fijoport protects other equipment.)
- It's protocol independent.



Fijoport for security

Fijoport puts security first

- Fijoport has been designed with 'separation of concerns' at its core..
- The system uses authentication, authorization and accounting (AAA) throughout.
- Public communications are encrypted for confidentiality and signed to prove integrity/authentication.
- Control decisions are made by the Fijoport portal server appliance, through specific, secured interfaces.



Fijoport for security

Initial connection outbound to portal server (port 443).

- Customer firewall unchanged.

Secure communications

- SSH2, AES encryption.

Authentication and authorisation

- Each Fijoport has a unique public key fingerprint used to authenticate it with the portal server
- A pre-shared public key authorizes the portal server connection to Fijoport.

Accounting

- A record of remote access sessions is kept in the portal server database



Fijoport for security

Secure portal

- A customer support engineer logs into the secure portal.
- Bring up and down remote access sessions to customer site..
- Access to authorized customer sites only.
- Access to customer approved devices only

Remote access control list.

- Configure devices that may be remotely accessed via Fijoport



- **Fijoport secure remote access solution offers a new, secure way to access customer premises equipment.**

