Central Gateway operation with The Things Stack and Atsign

Setting up a single gateway is a challenge.

But *very* rewarding when it's done!

LoRaWAN setup in my well house

atsign

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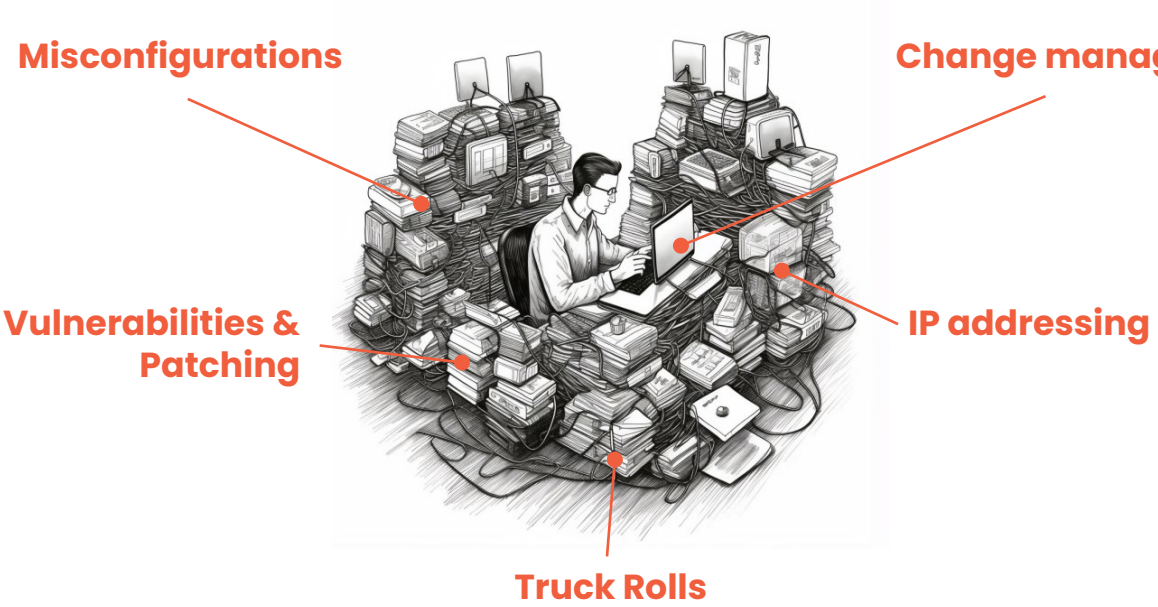
Co-founder & CTO

atsign

Managing gateways at scale is a drag…



atsign

..until now.

atsign

Efficiently and securely manage LoRaWAN gateways at scale with

Atsign

A control plane built for Scale

atsign

IP Addresses

Yes we need them

But we do not have to know them

@lw_gateway01

atsign

```
cconstab@ionos1:~/sshnoports$
```

NAT/1918/Firewall Rules/Mangles/IPTables

No one wants to manage them

So let's not worry about them

Deny All Inbound

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```
cconstab@ionos1:~/sshnoports$
```

VPNs

No one wants to manage them either

So let’s not worry about them

End to End Data Encryption + TLS v1.3

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```
cconstab@ionos1:~$
```

Management GUI's

No one wants a GUI at scale or to trust an API

So let's have a

Global Network Control Plane

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@ atsign

Standards + Tools

No one wants to be locked in

So let’s not worry about either

OpenBSD 3 license fully extendable

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Atsign ecosystem

Software

Hardware

Our SDKs

Sound interesting?

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Want to get involved ?

Yay!

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See more demos and peek into the code.

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