

The Gateway to Decentralised Networks

Introducing Beechat Rune



beechat

Current Problems

CENTRALISED INFRASTRUCTURE

One failure can crash
the entire system.

SLOW & LOW RANGE RADIO TECHNOLOGY

Built decades ago for
sensor data.

QUANTUM THREAT

ECC and RSA to be
broken between 2027
and 2035.*

**Source: Aggarwal, D., Brennen, G. K., Lee, T., Santha, M., Tomamichel, M. (2017). Quantum attacks on Bitcoin, and how to protect against them. arXiv:1710.10377 [quant-ph]*

Introducing Rune.®

- encrypted voice and video calls
- designed for modern applications
- advanced mesh networking



Introducing Rune

**Up to 9.6
Mbit**

10X current radios

**Up to 4 data
streams**

allowing simultaneous real
time data

**FPGA chip
onboard**

advanced anti jamming

Applications

DRONE CONTROL

Control, video and telemetry.

EMERGENCY SERVICES

Real time communications and status.

SECURITY SYSTEMS

Wireless video systems without Internet.

DECENTRALISED COMMUNITIES

Easy to integrate private networks.

Introducing Volla Hub

Private Backup

encrypted with post-
quantum cryptography

Private Cloud

distributed encrypted data
across the network

Volla OS integration

for excellent user
experience

Future

Technology Roadmap



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