



Open Source
Foundation

Ambitions and Mission

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Welcome to the 2024 prpl Global Summit



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♥ We couldn't do this without you! ♥

- Thank you to our Host, Platinum, and Gold sponsors
- Special thank you to everyone who helped to organize the 2024 Paris summit (especially Arnaud Bensaid, Shelly Coen, and Livia Rosu)



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The Innovation Bottleneck



Service providers spend significant time and money on CPE middleware integration which reduces the time and money they spend on innovation

The source of the problem is a lack of open-source carrier-grade software and APIs

Middleware fragmentation increases time to market, reduces vendor choices, and creates costly deployments

Prpl's Mission & Ambition

Our mission is to build open-source carrier-grade software for service provider CPE devices

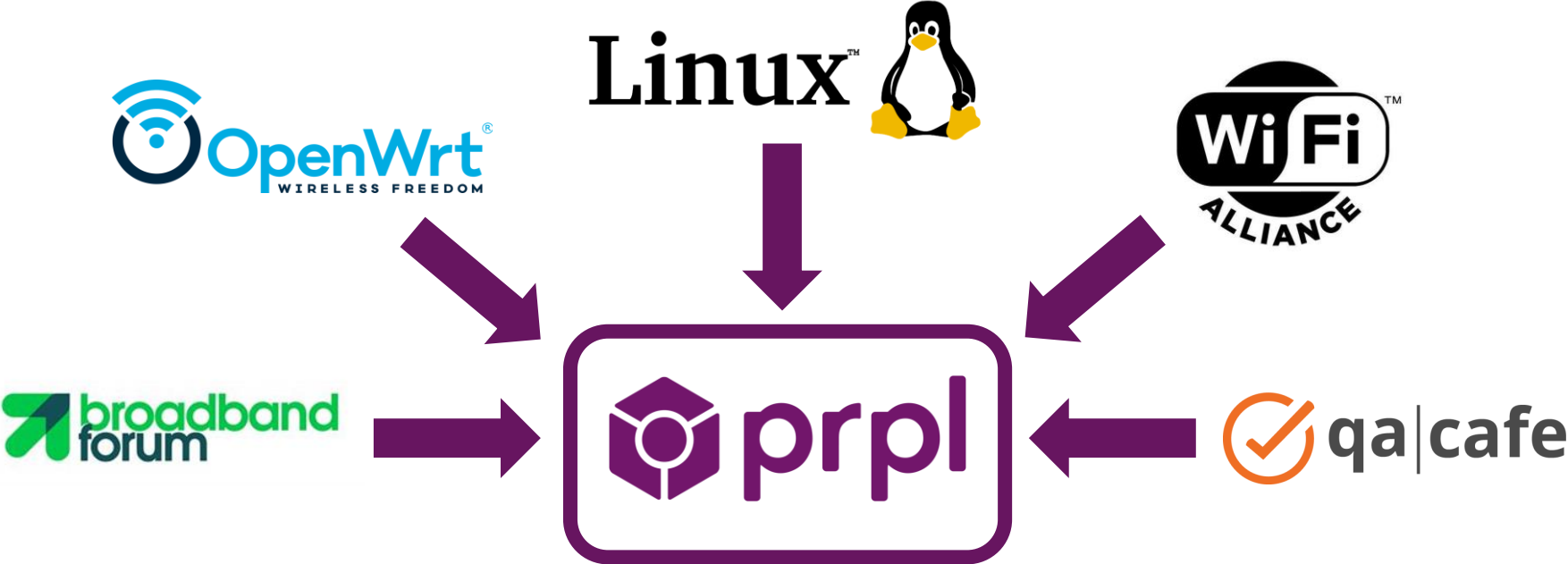


Our ambition is to decrease operator time to market and cost while increasing vendor options and accelerating innovation

What are the keys for prpl to succeed?

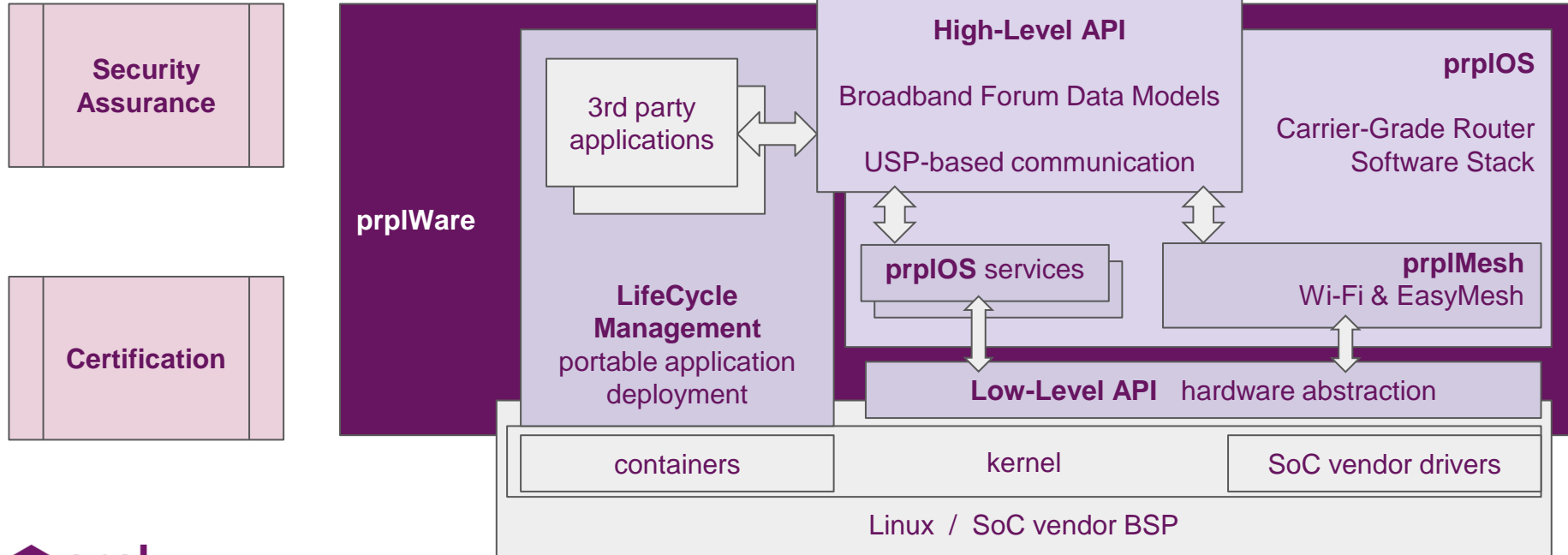


#1 prplWare Uses Proven Industry Standards



#2 prplWare Architecture

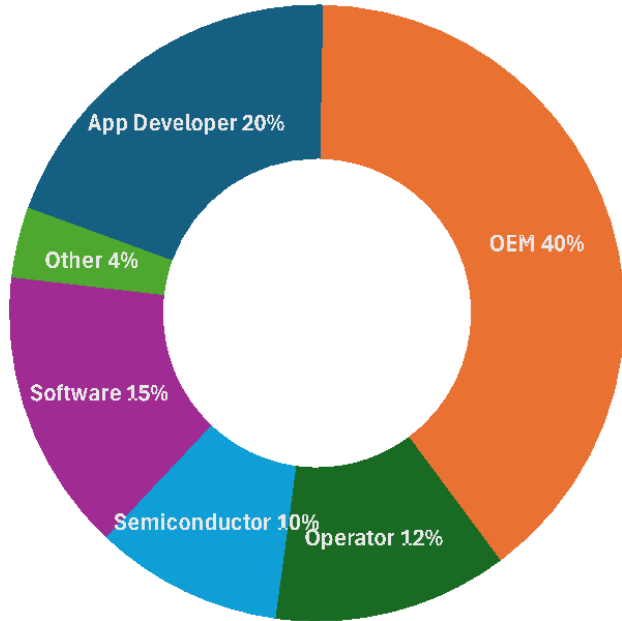
Develop open-source software and APIs for service providers



prpl open-source software components

- **prplOS:** Linux operating system based on OpenWRT with carrier grade enhancements
- **prplMesh:** Full implementation of Wi-Fi Alliance's EasyMesh protocol including a self-organizing network (SON) controller
- **prplLCM:** Life cycle management of software containers based on Linux lxc
- **prplSecurity:** Carrier grade security features
- **prpl HL-API:** API based on Broadband Forum USP TR-369 for device management
- **prplApps:** SDK and App Store for 3rd party smart home apps
- **prplWare:** A complete software build using prpl software products
- **prplCert:** Self-certification to ensure a genuine prplWare product

#3 Membership Community



Prpl is building an ecosystem of service providers, OEMs, software integrators, semiconductor vendors, and application developers



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prpl Welcomed 24 New Members in 2024



2024 prpl membership 81 companies



#4 prpl Fast Track Reference Platforms



MaxLinear/Gemtek OSPv2



Qualcomm/WNC Freedom

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#5 prplWare self-certification



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Breaking the Operator Innovation Bottleneck



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Build a CPE product with devices from our semiconductor members

Configure and build prplWare from prpl software components

Install 3rd party apps from the prpl App Store to add innovation

Self-certify prplWare on CPE device



Deploy to new technology innovations to customers



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What are the prpl Foundation's next steps?

prpl product
certifications

Operator deployments

prplWare support &
maintenance

Add more reference
platforms

Continue to grow 3rd
party App Store

2025 prplWare
roadmap & features



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