floatbridge
Complete Control. Zero Compromise

Manufacturer-independent web platform for central management and monitoring of charging infrastructure

FLOATBRIDGE

Technical backend (web interface)

Enables complete control and monitoring of the e-mobility infrastructure

Manufacturer-independent

Compatibility with different hardware manufacturers offers full flexibility in use.

Compatibility with billing service providers

Ensures seamless integration with all common billing service providers.

Integration of various charging technologies

Fully compatible with AC & DC charging stations (OCPP).

Flexibility

Enables rapid adaptation to new market requirements.

Scalable solutions

An open system for every application, from small to very large projects.

Web interface

Enables central control and monitoring of the charging infrastructure.
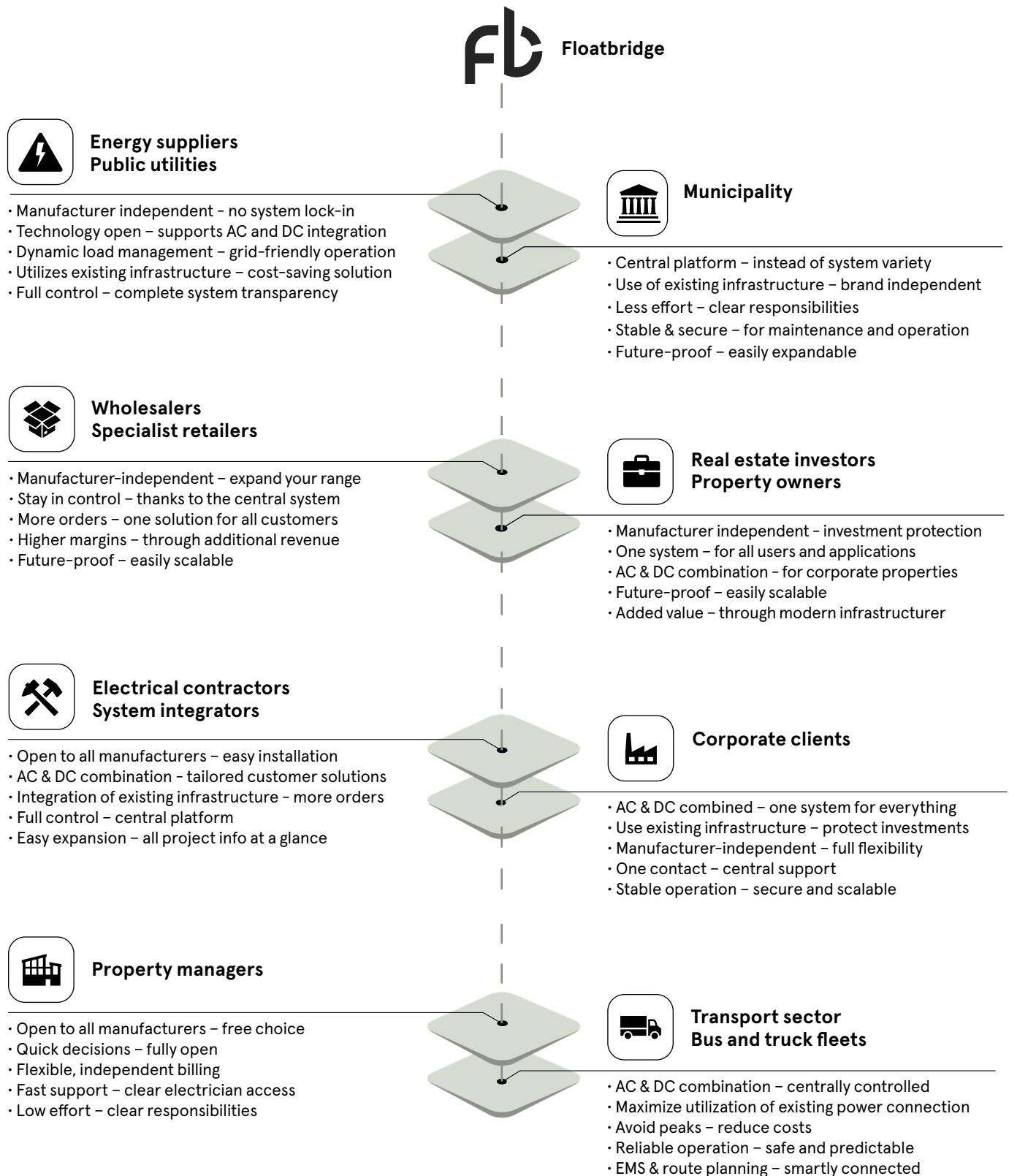
More info

FLOATBRIDGE – PLATFORM FOR CHARGING INFRASTRUCTURE

Switch to Floatbridge – and combine simplicity with efficiency.

With Floatbridge, you control and monitor your charging infrastructure centrally and independently of the manufacturer. Whether in residential buildings, municipalities, companies or the transport sector - Floatbridge adapts flexibly to your requirements.

At the same time, you enhance efficiency and tap into new revenue streams with a solution that offers flexible integration, effortless scalability, and long-term operational stability.
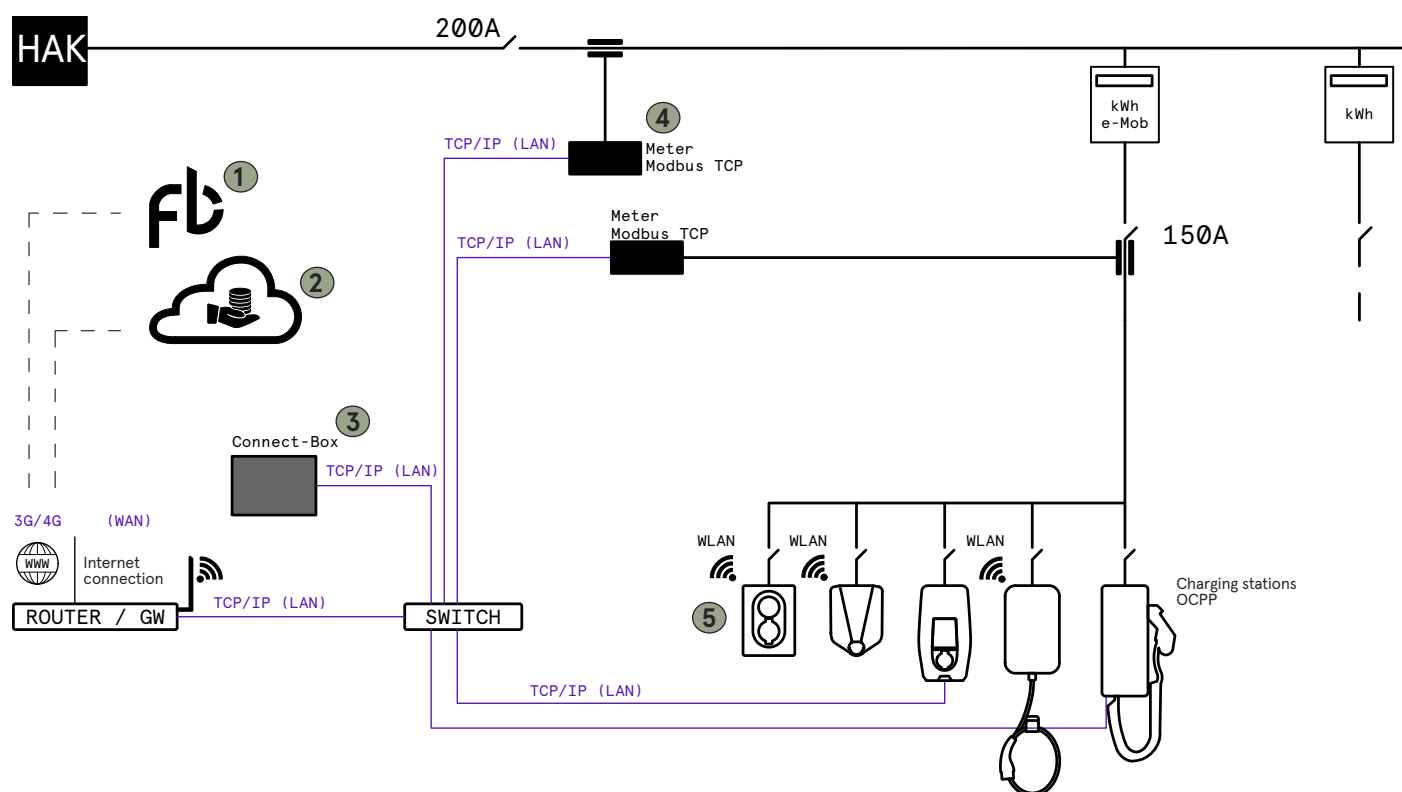
Floatbridge

Energy suppliers
Public utilities

· Manufacturer independent – no system lock-in
· Technology open – supports AC and DC integration
· Dynamic load management – grid-friendly operation
· Utilizes existing infrastructure – cost-saving solution
· Full control – complete system transparency

Municipality

· Central platform – instead of system variety
· Use of existing infrastructure – brand independent
· Less effort – clear responsibilities
· Stable & secure – for maintenance and operation
· Future-proof – easily expandable

Wholesalers
Specialist retailers

· Manufacturer-independent – expand your range
· Stay in control – thanks to the central system
· More orders – one solution for all customers
· Higher margins – through additional revenue
· Future-proof – easily scalable

Real estate investors
Property owners

· Manufacturer independent - investment protection
· One system – for all users and applications
· AC & DC combination - for corporate properties
· Future-proof – easily scalable
· Added value – through modern infrastructurer

Electrical contractors
System integrators

· Open to all manufacturers – easy installation
· AC & DC combination - tailored customer solutions
· Integration of existing infrastructure - more orders
· Full control – central platform
· Easy expansion – all project info at a glance

Corporate clients

· AC & DC combined – one system for everything
· Use existing infrastructure – protect investments
· Manufacturer-independent – full flexibility
· One contact – central support
· Stable operation – secure and scalable

Property managers

· Open to all manufacturers – free choice
· Quick decisions – fully open
· Flexible, independent billing
· Fast support – clear electrician access
· Low effort – clear responsibilities

Transport sector
Bus and truck fleets

· AC & DC combination – centrally controlled
· Maximize utilization of existing power connection
· Avoid peaks – reduce costs
· Reliable operation – safe and predictable
· EMS & route planning – smartly connected

TOPOLOGY

How Floatbridge works

In the Floatbridge topology, all key components - charging stations, energy meters, backend systems, and billing providers - are interconnected and communicate via the local network.

Floatbridge provides central control and monitoring. It distributes the power load efficiently and ensures stable operation of all systems, independent of the manufacturer.

HAK

200A

kWh e-Mob

kWh

(1)

(2)

TCP/IP (LAN)

(4) Meter Modbus TCP

TCP/IP (LAN)

Meter Modbus TCP

150A

(3)

Connect-Box

TCP/IP (LAN)

3G/4G (WAN)

WLAN   WLAN   WLAN

Internet connection

ROUTER / GW   TCP/IP (LAN)   SWITCH

(5)

Charging stations OCPP

TCP/IP (LAN)

Glossary

	(1)	Floatbridge Partino – web interface (technical backend)
	(2)	Various billing providers
	(3)	Connect-Box (Partino server)
	(4)	Fuse monitoring
	(5)	Manufacturer-independent charging stations (OCPP)