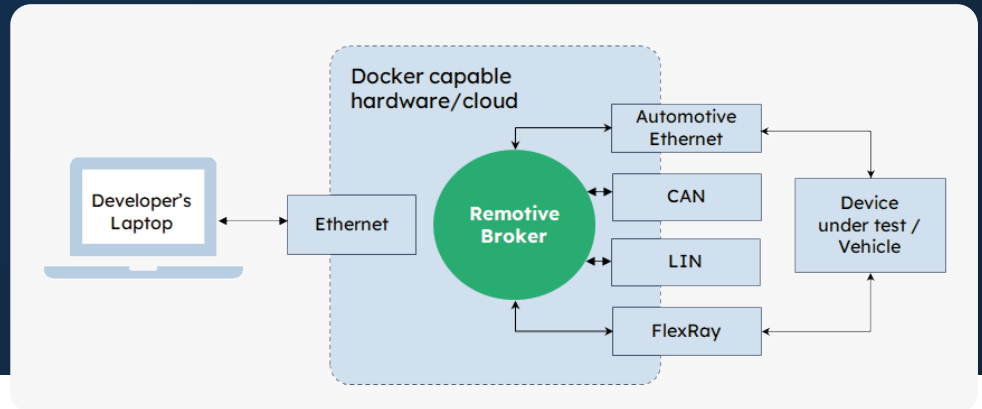# Empowering automotive developers by providing modern, lightweight and easy-to-use tooling
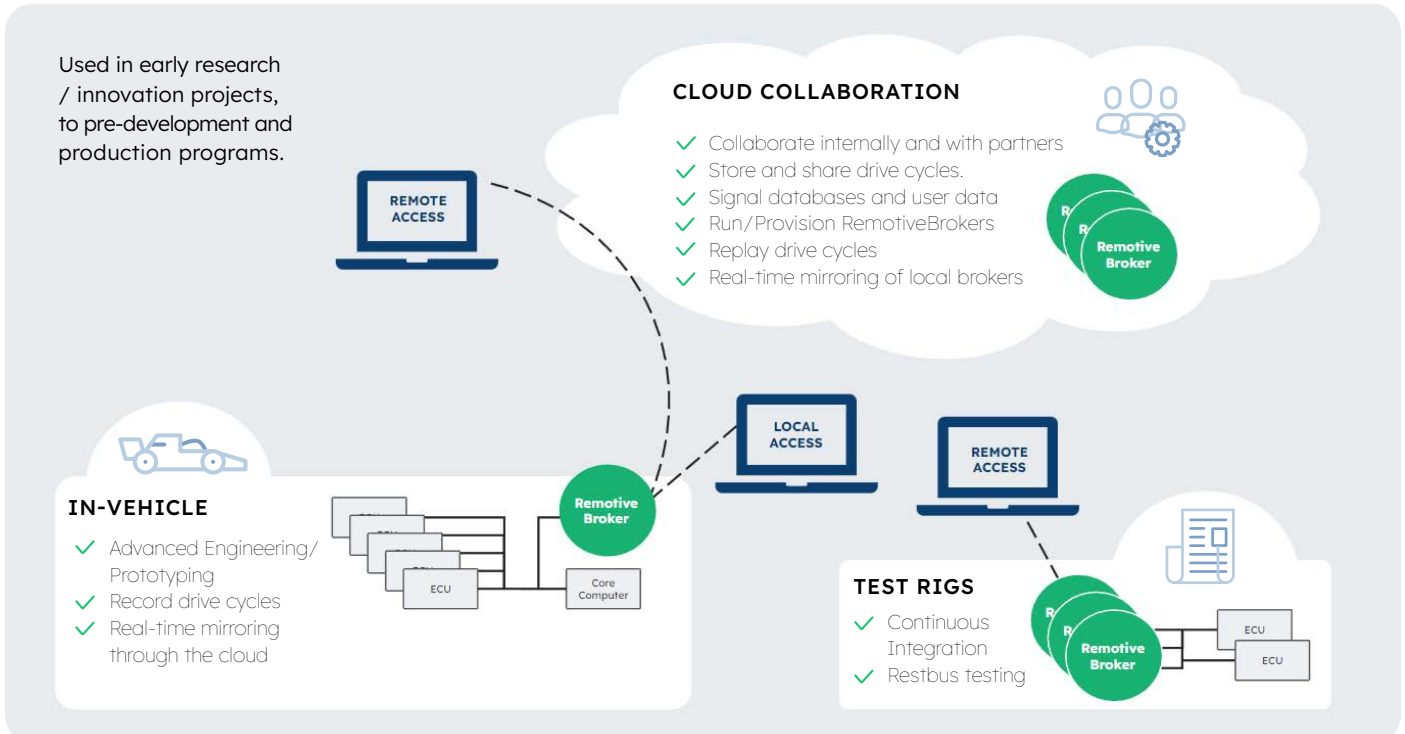
Flexible tools make it a lot easier to build and test software for vehicles that don't exist yet!

The core of the RemotiveLabs software platform is the RemotiveBroker >>

- ✓ **Supports gRPC** - Use the programming language of your choice including Python, Rust, C++ etc.
- ✓ **Supported network protocols** - CAN (.dbc), SocketCAN, FlexRay (fibex /arxml), LIN (.ldf), UDP arxml, LDF.
- ✓ **Record and Playback** - Easy to record signals - replay locally or in the cloud
- ✓ **Remote access** - Access the product from anywhere over the Internet

Platform architecture

Used in early research / innovation projects, to pre-development and production programs.

CLOUD COLLABORATION

- ✓ Collaborate internally and with partners
- ✓ Store and share drive cycles.
- ✓ Signal databases and user data
- ✓ Run/Provision RemotiveBrokers
- ✓ Replay drive cycles
- ✓ Real-time mirroring of local brokers

IN-VEHICLE

- ✓ Advanced Engineering/ Prototyping
- ✓ Record drive cycles
- ✓ Real-time mirroring through the cloud

TEST RIGS

- ✓ Continuous Integration
- ✓ Restbus testing

Use the hardware of your choice

Our RemotiveBroker can run on the hardware of your choice including RaspberryPi or any Linux/Docker based HW. Find a growing list of reference kits on our website and a guide on how to install RemotiveBroker on GitHub. Host Mobility offers two popular automotive grade hardware alternatives that are available preconfigured with our software from their web shop - see page 2.

remotiveLabs

Automotive grade telematics computers preconfigured with our software

HOST | Mobility

A Host Mobility reference kit preconfigured with RemotiveLabs software image is an easy and fast way to get started with your RemotiveBroker.

Host Mobility **HMX —** RemotiveLabs preconfigured
The next generation telematics computer for modern automotive development.

- 1.6 Ghz CPU Quad core, 64 bit, 800MHz real-time co-processor
- 4 GB RAM
- 4G/LTE or 5G, Wi-Fi
- 6x CAN-FD
- 2x Automotive Ethernet (100/1000BASE-T1)
- Linux, with root access
- GPS
- Multiple digital I/O up to 1.5 Amp

€ 895 ex VAT. Pre-order here, shipping starting from end of April 2023.

Host Mobility **MX-4 T30 FR —** RemotiveLabs preconfigured
Telematics computer with an impressive range of automotive communication interfaces.

- 1.4 GHz CPU Quad core
- 1 GB RAM
- 4G/LTE modem, Wi-Fi
- 6x CAN 2.0 B
- 2x Ethernet
- Linux, with root access
- GPS
- 6x Digital I/O, 2x Analog In
- 2x LIN
- Flexray

Price: € 895 ex VAT. Order here through Host Mobility, shipping normally within 2 weeks.

More details on HMX and MX4-T30-FR available through hostmobility-eng.setek.se. Note that in addition to the pre-configured hardware, a valid RemotiveLabs license is required to run the RemotiveBroker (2,500 Euro / year for a single hardware licence). If your company does not have a framework agreement with RemotiveLabs, you can go directly to the request a licence step in our Git Hub user guide and request an individual license.