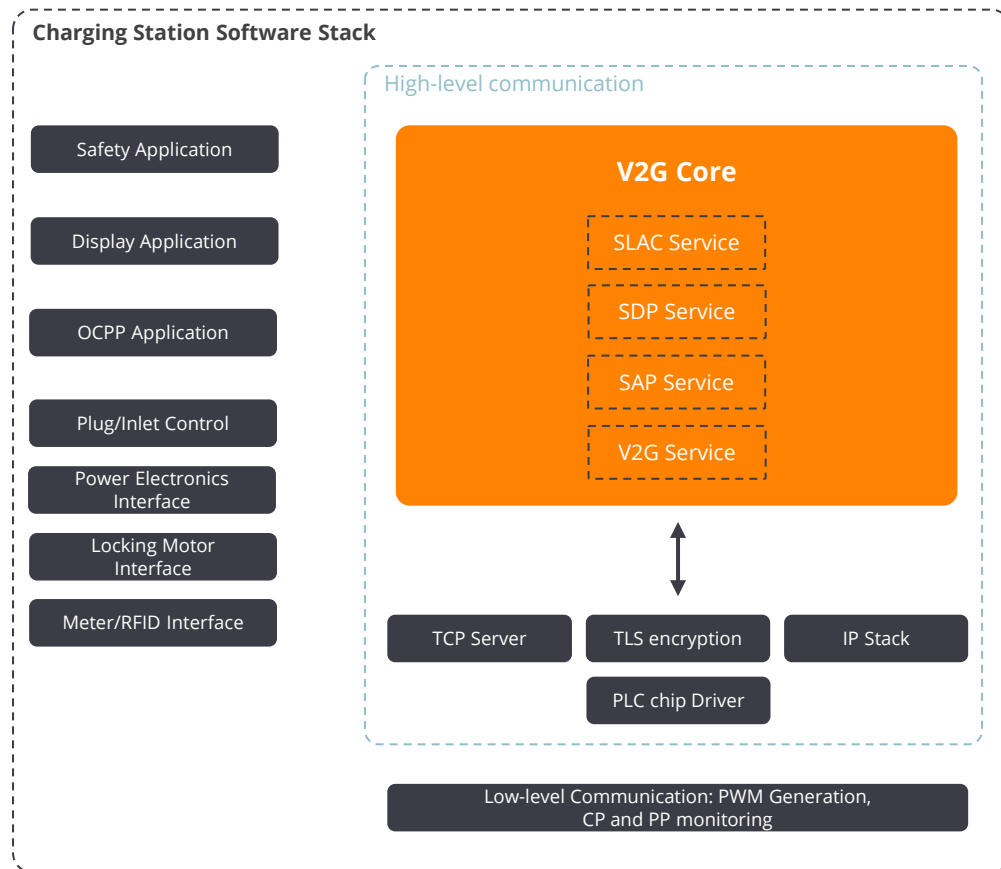


Software Architecture

The V2Gcore is a v2g-software-stack for ISO 15118 and DIN 70121 in the EVSE.

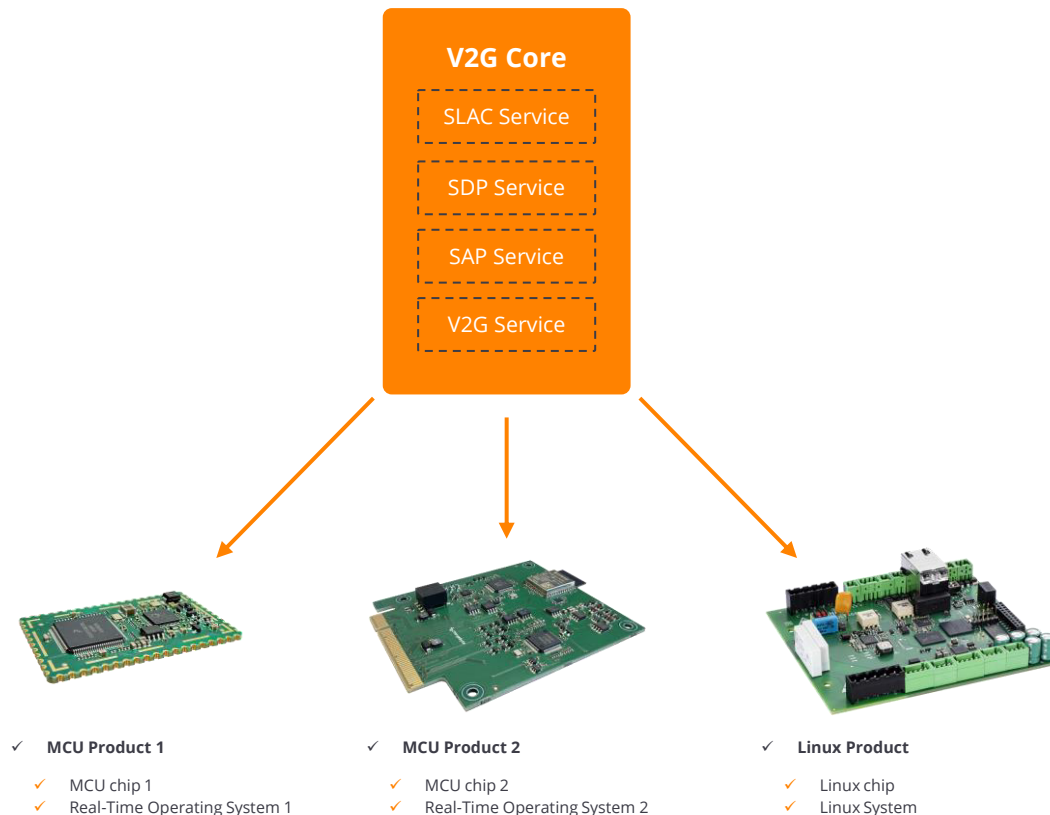
- Charging Station side
- Small Footprint
- OS Independent
- Written in Plain C
- HW Independent



Software Architecture

OS and HW independent.

- Embrace flexibility. Whether you're running Windows, Linux, or any other operating system, our software effortlessly adapts to your platform of choice.
- Break free from hardware constraints. The software stack is engineered to be hardware-independent, providing you with the freedom to choose the best-suited hardware for your charging communication needs.



Design - Files

The stack is provided as a static library as shown in the file structure.



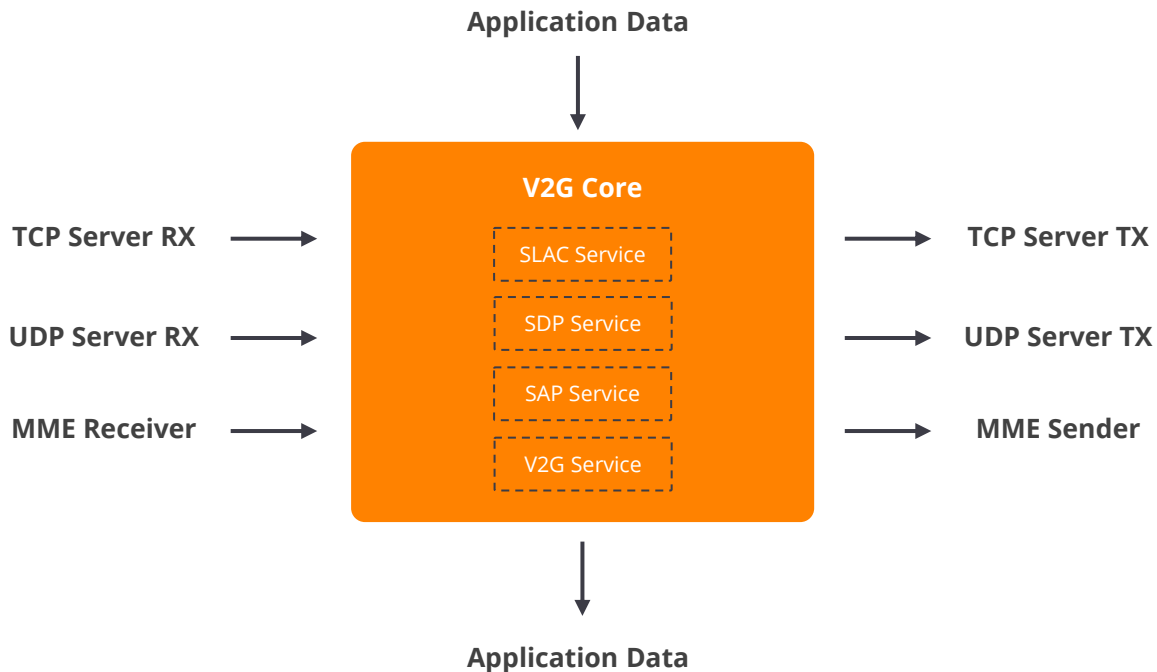
Name	Size
 cmake	
 CodeCoverage.cmake	31 KB
 inc	
 v2g_core.h	8 KB
 readme.txt	1 KB
 lib	
 libv2g_core.a	943 KB
 readme.txt	1 KB
 test	
 ccp_example_din_requests.h	12 KB
 ccp_example_slac_requests.h	9 KB
 v2g_core_cfg.h	2 KB
 test_v2g_core.cpp	17 KB
 CMakeLists.txt	1 KB
 readme.txt	1 KB
 CMakeLists.txt	1 KB
 README.md	2 KB

Design - Module



Memory Requirements:

1MB Flash, 256kB RAM



Pricing Model



The software is available as static library with at a unit price, perfectly tailored to your quantities and needs.

Software type	Price model	<i>Firmware updates and Support</i>
Static Library	Scaled prices per units	<i>Optional maintenance license (support and library update) accordingly pro rata of units per year as annual license</i>
Static Library	Royalty free	<i>Optional maintenance license (support and library update) as fixed annual license</i>