GoldVIP provides a reference vehicle integration platform that accelerates S32G hardware evaluation, software development and rapid prototyping efforts.

It integrates NXP standard and reference software, along with open source and third-party software to provide an evaluation, development and rapid prototyping platform.

It includes a graphical user interface, real-time use cases for evaluation, real-time resource monitoring and secure cloud connectivity with partner integration that supports OTA updates, AUTOSAR™ environments, cloud services and intrusion detection and prevention (IDPS) security capabilities.
S32G Vehicle Integration Platform (GoldVIP) Block Diagram

Automotive General Block Diagram

SERVICES / APPLICATION SOFTWARE

MIDDLEWARE

OS / DRIVERS / SAFETY

HYPervisor (if available)

ARM CORTEX CORE(S)

FIRMWARE / HW ACCELERATORS

NXP TOOLS & IDE