



Let's shape a new era of mobility. Together.

Let's move #LikeABosch

Bosch IP TechDay 2024

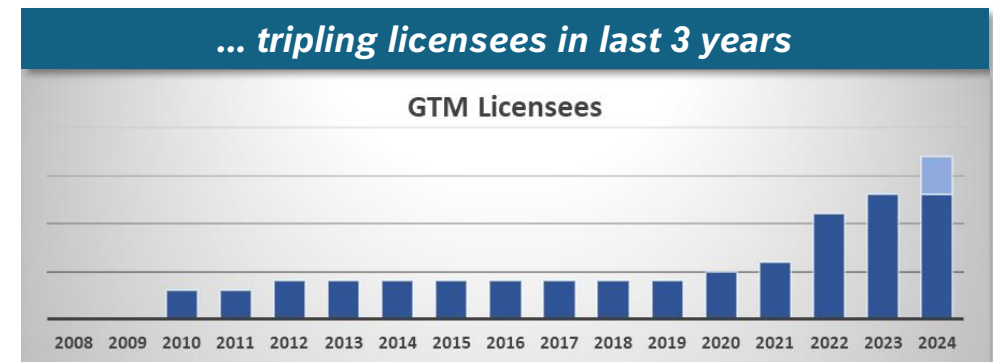
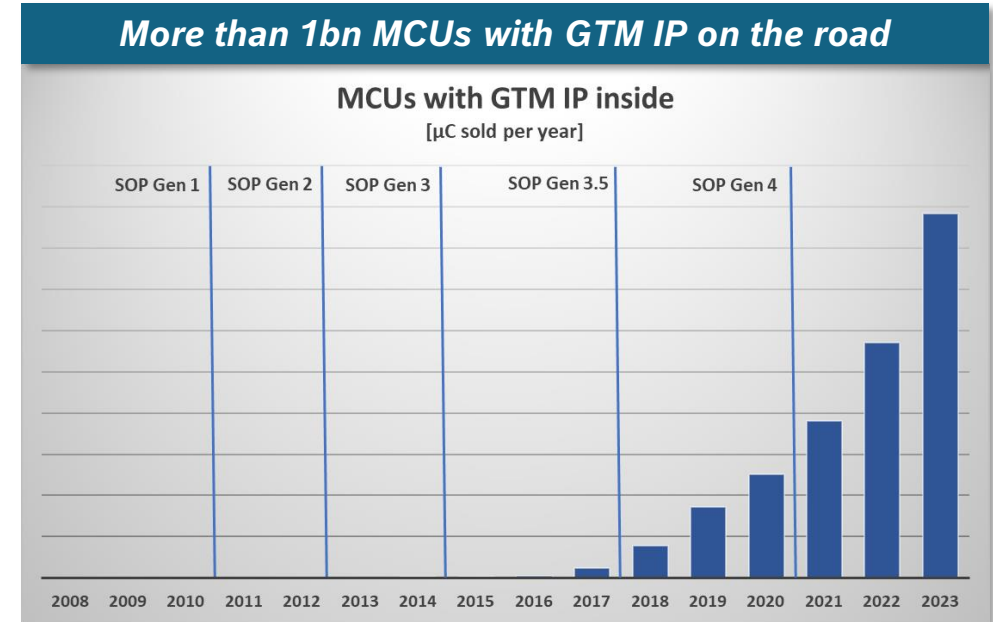
ME-IC/PRM-IP | March 14th, 2024

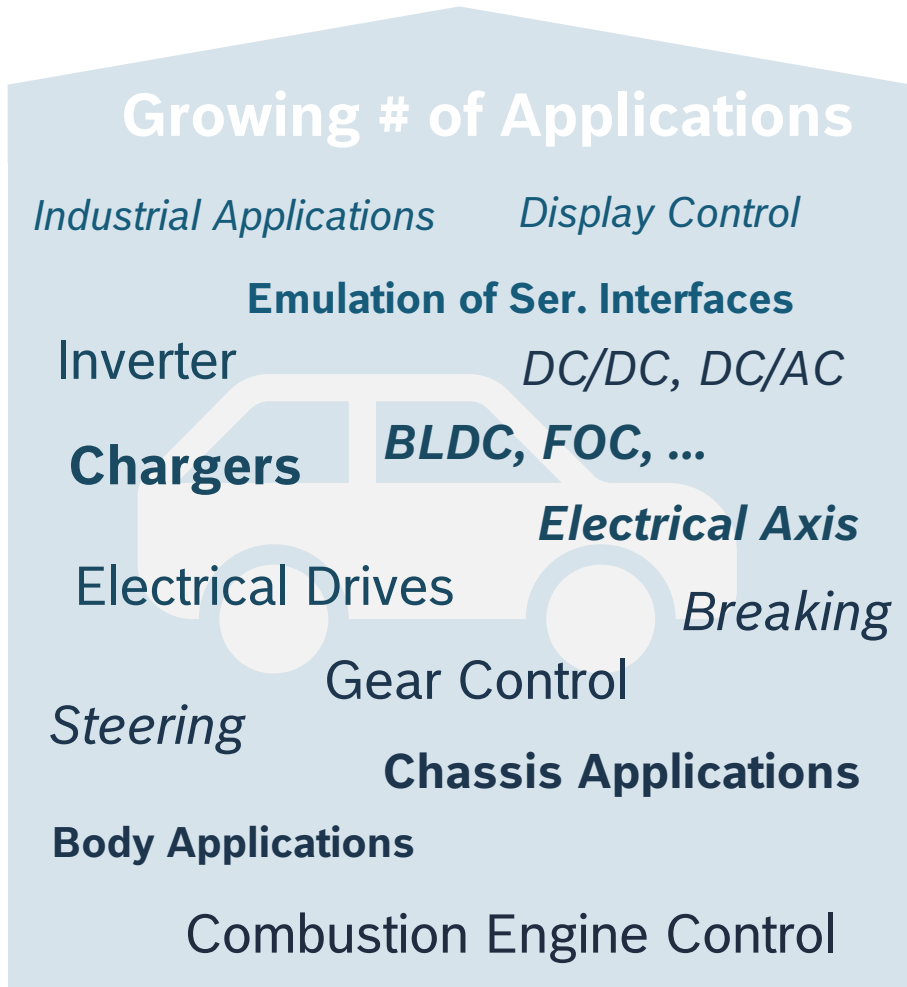


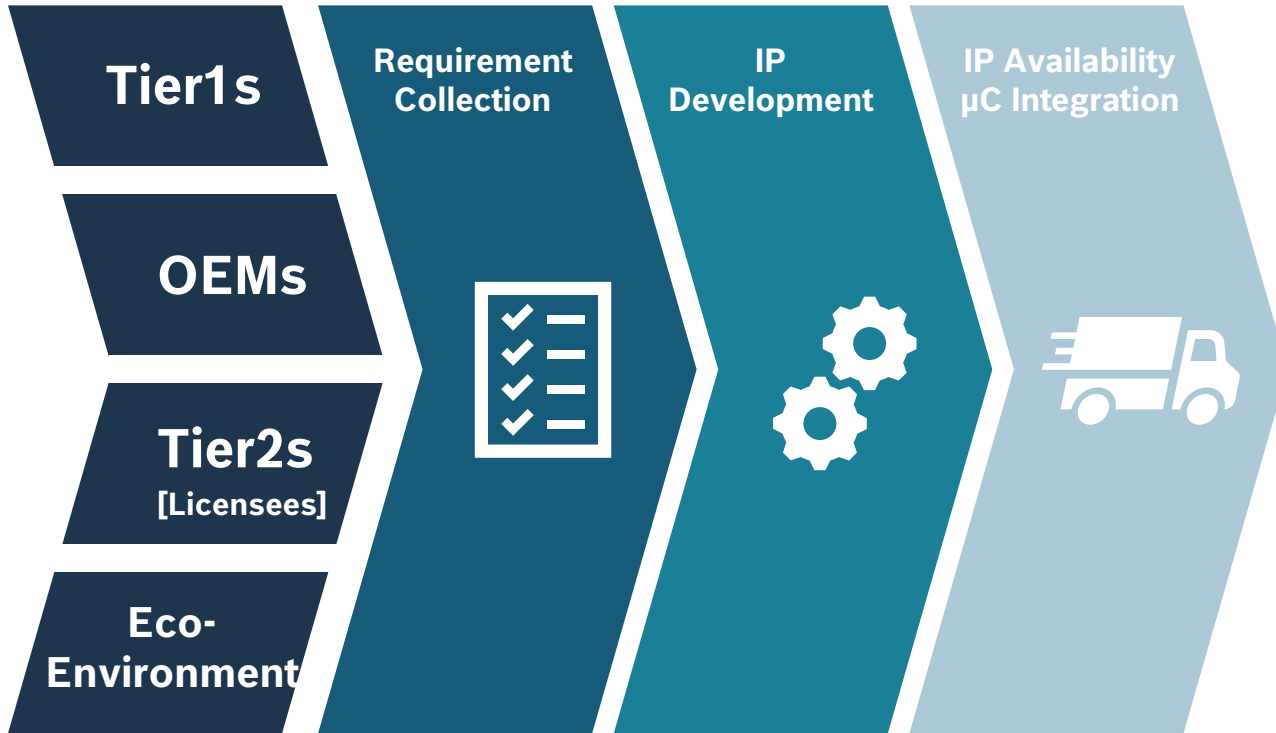
- GTM IP journey started 2008
 - driven by **small group of Tier1s**, focused on **combustion engine**
- Fast adaptation by first **Body/Chassis applications**
 - Non-powertrain requirements driving development of Gen 2
- Gen 3 ... based on **initial feedback from market**
 - Tier1s/OEMs and Tier2s collected experience
- Growing community of **partners** and stakeholders contributing to Gen 4
 - first feedback from **electrical drive applications** as well as emulation of serial interfaces (**communication**)

Multi-Dimensional growth

- Number of **parts** with GTM IP inside
- **Licensees** / Semiconductor Vendors
- **Application Domains**
- **Eco-Environment** (Tools, Simulators, Debuggers, Compilers, ...)







electrification

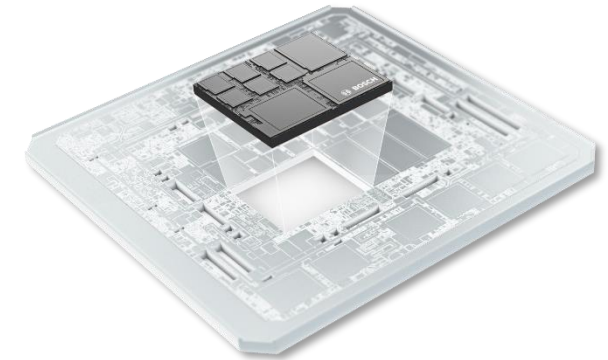
Serial Interfaces

Useability & Ease of Use

Virtualization

Core Performance

connectivity



nextGen GTM IP

- nextGen GTM IP ... **addressing the needs of the future**
 - Broad base of requirement providers ... significantly more than ever before
 - **OEMs – Tier1s – Tier2s – EcoEnvironment**
 - New features expected to be mostly driven by
 - **Electrification** – Chargers, Electrical Axis, ...
 - **Connected** – GTM IP as flexible solution for emulation of serial protocols (e.g. zone computers)
 - **Ease of use** – Lower the entry hurdle to develop GTM applications
 - **Safety & Security** – compliance with latest standards
 - Challenge to find the right set of new features, **servicing the need of the wide market**
 - Definition phase of nextGen GTM is starting now ...
 - Availability roughly targeted for 2026/2027

... stay tuned !

