

Unlocking semiconductor revenue growth through strategic engineering & labs

A global semiconductor leader needed to scale embedded engineering without adding infrastructure. GlobalLogic's solution with secure, lab-enabled delivery centers for firmware, validation, and platform development meant:

increase in revenue from product lines supported by GlobalLogic

70%

0

capital investment required for internal lab infrastructure

100%

flexibility to scale workloads using an outcome-based model



Challenge

The client needed to **expand its engineering capabilities in high-complexity areas** like firmware development, validation, and platform enablement to meet rising demand for Al-driven chip innovation.

Industry-wide talent shortages, geopolitical risks, and increased time-to-market pressure made **internal expansion difficult and costly**.

Without a **trusted**, **nearshore partner**, the client faced potential product launch delays, rigid workforce capacity, and the financial burden of building and maintaining hardware labs.



Value Created

- Established secure development centers and specialized labs in Ukraine and Poland to support pre-silicon and production hardware.
- Delivered end-to-end embedded firmware development, validation workflows, and cross-platform testing infrastructure.
- **Designed CI-integrated automation** and DevOps tools to scale and standardize engineering delivery.

Impact

- 70% revenue growth in product lines supported by GlobalLogic's engineering teams.
- Zero capital investment for internal lab buildout.
- 100% workload flexibility through an outcome-based delivery model.
- **Reduced go-to-market risk** through centralized expertise and accelerated execution.