



GAIO TECHNOLOGY Co., Ltd.

Company Description

GAIO Technology Co., Ltd., established in March 1980, is a highly respected independent vendor specializing in embedded software development tools, testing solutions, and comprehensive engineering services. Over the past four decades, the company has played a pivotal role in supporting the Japanese manufacturing industry, successfully evolving from its early roots in microprocessor cross-compilers to becoming a leading expert in software quality assurance and functional safety.

As embedded systems grew increasingly complex and mission-critical, GAIO Technology proactively shifted its strategic focus toward software testing and verification. Today, the company is best known for its flagship product, "CoverageMaster winAMS," an industry-leading unit testing and coverage measurement tool. By utilizing an advanced instruction-set simulator, this tool executes tests on the exact target object code without requiring any code instrumentation. This unique and highly reliable capability has made it the de facto standard for automotive software developers aiming to achieve compliance with the stringent ISO 26262 functional safety standard.

In recent years, the automotive industry has undergone a massive transformation driven by the megatrends of CASE (Connected, Autonomous, Shared, Electric). Recognizing the exponential increase in software complexity associated with Advanced Driver Assistance Systems (ADAS) and autonomous driving technologies, GAIO Technology has rapidly expanded its product portfolio to provide comprehensive testing environments for Model-Based Development (MBD). By offering sophisticated simulation solutions—such as SILS (Software-in-the-Loop Simulation) and HILS (Hardware-in-the-Loop Simulation) integrations—the company enables clients to detect critical defects early in the design phase, drastically reducing overall development time and operational costs.

Beyond merely providing off-the-shelf software tools, GAIO Technology heavily invests in its specialized engineering services division. The company offers end-to-end consulting, ranging from initial test planning and architectural design to process improvement and safety standard certification support. This holistic approach ensures that clients not only have access to the right technological tools but also adopt the optimized workflows necessary to maximize their effectiveness on the factory floor.

Serving mission-critical sectors such as automotive manufacturing, aerospace, medical devices, and industrial automation, GAIO Technology remains deeply committed to advancing software reliability. By continuously innovating its testing technologies and consulting methodologies, the company proudly serves as an indispensable partner for global manufacturers dedicated to delivering safe, high-quality, and cutting-edge products to the modern market.

Company Details

Head Office

Japan

Main Business

組込みシステム向け開発・テストツール（C/C++クロスコンパイラ、単体・結合テストツールなど）の開発・販売。および、モデルベース開発（MBD）支援、ソフトウェアテストエンジニアリング、プロセス改善コンサルティングサービスの提供。

Established

1980年3月

Capital

298百万円

Number of Employees

101 - 500

URL

<http://www.gaio.co.jp/>

Offices

Main Office

2-2-4 Higashi-Shinagawa, Shinagawa-ku
Tokyo, Japan, 1400002