



Based on stability and trust
A total IT service provider that delivering optimal solutions

COMPUTER MATE

The key partner in digital transformation (DX),
bringing new value to customers' businesses.

computerMATE

COM
P-U
TER
MATE

Headquarters 23, Alpha City 1-ro 35-gil, Suseong-gu,
Daegu (Daheung-dong), 42250, Republic of Korea
Tel. +82-53-812-3008 | Fax. +82-53-813-8038

Gyeonggi Branch Room 509, 5th floor, Dongtan IT Tower, 878
Dongtansunhwan-daero, Hwaseong-si, Gyeonggi-do, 18469, Republic of Korea
Tel. +82-31-376-3379 | Fax. +82-31-376-3019

Sales Direct. +82-70-8856-4079
+82-70-8856-4088 | sales@computermate.co.kr

Site. Main. www.computermate.co.kr
Blog. blog.naver.com/computermate | AI Demo. ai.computermate.co.kr



COM P-UTER

Total IT Service Provider, **COMPUTERMATE**

COMPUTERMATE is a total IT service provider that delivers AI and smart factory solutions customized to customer needs, creating an optimal digital environment.



Providing the Ultimate Solution

Through AI solutions and smart factory implementations, we enable data-driven intelligence and automation, bringing new value to our customers' businesses.



DX Key Partner, A Partner Based on Proven Performance and Trust

Since its inception in 1992, it has grown alongside customers preparing for the future of manufacturing, accelerating digital innovation through customized technical support and consulting built on stability and trust.

Establishing a technology lab to continue investing in R&D, driving innovation for future growth, and providing optimal solutions that reflect the diverse needs of our customers.

MATE

CONTENTS

COMPUTERMATE, A Company with Over 30 Years of Experience with Customers	Vision & Mission	03
	Company Overview	04
	Organizational Chart	05
	Competitive Advantage	06
	Company History	07

Providing the Best IT Solutions ULTIMATE SOLUTION	Business Areas	09
	System Architecture	10
	Smart Manufacturing Management Solutions	11
	Data Analytics and Management Solutions	12
	AI Solutions	13
	Integrated Business Solutions	14

Why COMPUTERMATE is Unique LEGITIMATE	Research & Development	15
	Patents & Copyrights	16
	Awards and Accolades	17
	Customer Support Services	19
	Customer Support System	20
	References	21

COMPUTERMATE

A Company with Over 30 Years of Experience with Customers

Vision & Mission

Vision

- **A trusted total IT services partner driving digital innovation**
COMPUTERMATE provides customized business solutions based on reliability and trust, and AI and smart factory technologies enable customers to innovate their businesses and achieve long-term growth.

Mission

- **Securing top-tier IT expertise**
Continuously trains skilled technical personnel to support the advanced digital environment, and provides the optimal solutions customers require based on the latest IT technologies.
- **Delivering solutions that drive digital innovation**
Improve productivity, efficiency, and quality through AI and IoT-based smart solutions, strengthening the competitiveness of various industries, including manufacturing.
- **Customized support for customer success**
Aiming for customer growth and success, we increase competitiveness and accelerate business innovation through customized technical support and consulting optimized for customer needs.
- **Creating a stable digital environment**
We pursue sustainable growth with customers by creating a digital environment for long-term stability.
- **Customer satisfaction-driven management**
We continuously improve service quality by prioritizing customer satisfaction, and fulfill our role as a trusted partner.

Company Overview

COMPUTERMATE is a technology innovation-driven small and medium-sized enterprise established in 1992. The company opened its Gyeonggi branch in 2018 and relocated its headquarters to Suseong Alpha City in 2019. It continues to pursue growth and technological innovation. In 2020, the company achieved sales of 10 billion KRW, overcoming the severe economic downturn caused by the COVID-19 pandemic. With a strong recovery, it has reached sales of 9.75 billion KRW again in 2024, thanks to multiple international projects.

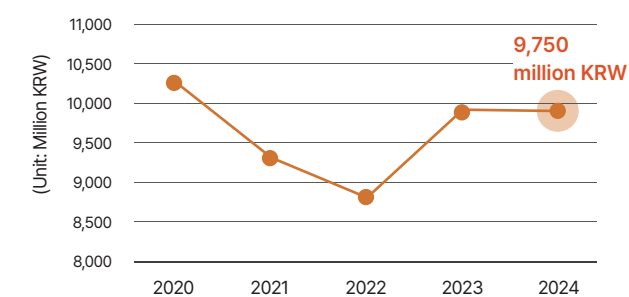
CEO	Sangin Seo, Sungho Kim	Established	Originally Established in 1992 (incorporated in 2007)
Capital	KRW 100 million	Credit rating	BB+ (NICE Information Service)
Features	Technology Innovation SME (INNO-BIZ) Establishment of Corporate R&D Center (2005) Star Company 100	Key facts	Relocation of Headquarters to Suseong Alpha City (2019) Established Gyeonggi Branch (2018)

Recent Financial Status

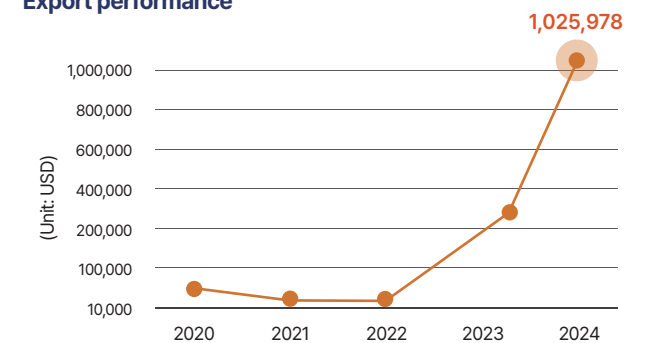
(Unit: Million KRW)

Category	2020	2021	2022	2023	2024
Total assets	9,568	10,525	10,562	11,702	12,072
Current assets	3,968	5,073	5,343	6,566	6,964
Current liabilities	754	1,158	1,719	2,139	1,871
Fixed liabilities	2,400	2,260	980	700	390
Total capital	6,414	7,106	7,863	8,862	9,810
Capital	100	100	100	100	100
Revenue	10,185	9,161	8,620	9,810	9,749
Number of employees	57	61	60	70	78

Yearly Sales Trends



Export performance



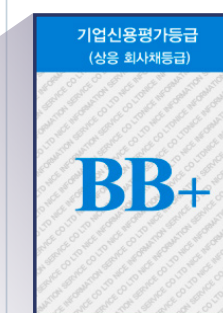
Credit Rating Confirmation Certificate

신용평가등급 확인서

(주)컴퓨터메이트 귀중

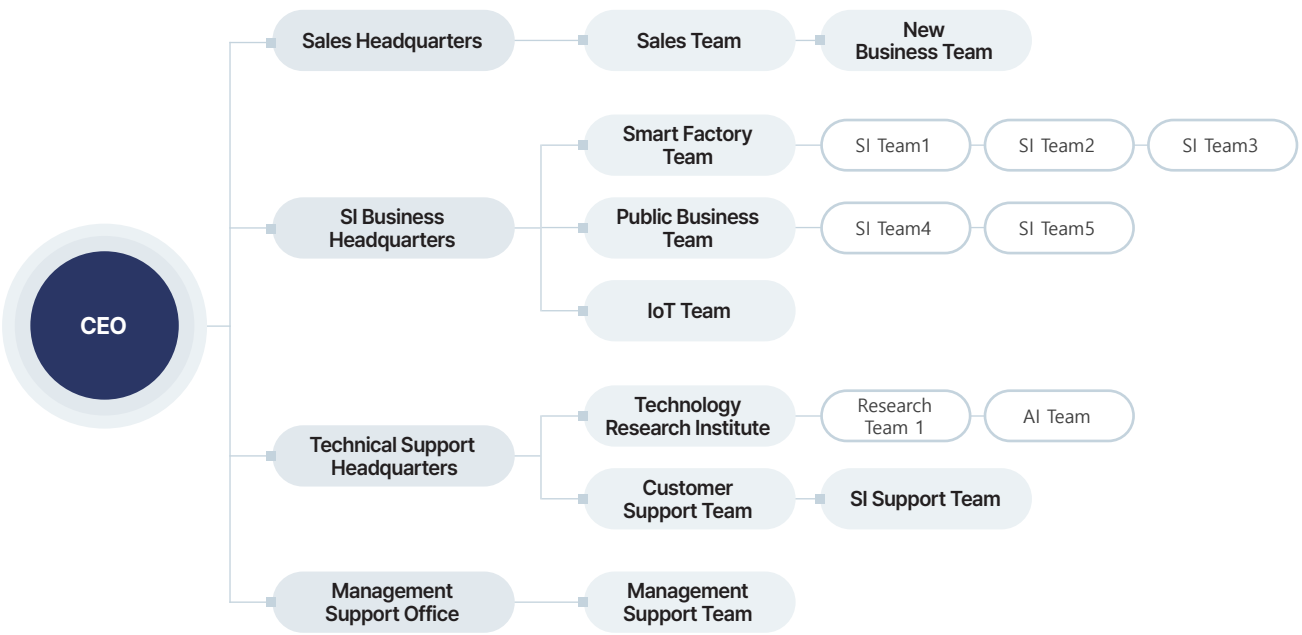
귀사의 외핵에 따라 평가된 신용평가등급은 아래와 같음을 확인합니다.

회사명	(주)컴퓨터메이트	기업신용평가등급 (상용 회사채등급)
대표자	서정민/김영호	BB+
법인등록번호	174811-0043789	
사업자번호	515-81-31630	
주소	(42250) 대구광역시 수성구 달파시티1로35길 33(대우동)	
제출일	2023.12.31	
유효기간	2024.12.10	
종류(유효기간)	2025.06.30	
출도 및 제출처	적자입사 및 공공기관채용	

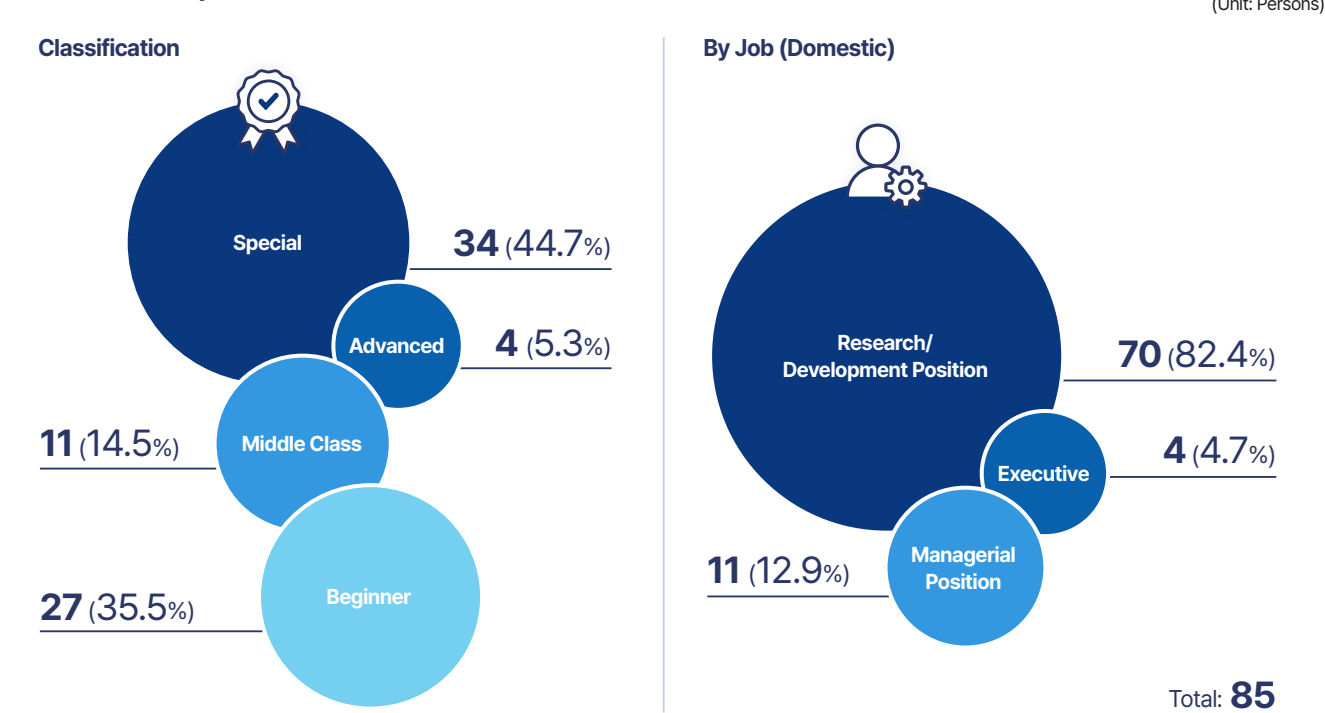


Organizational chart

COMPUTERMATE’s organization is based on efficient operation and professionalism. It is divided into four divisions: Sales Headquarters, SI Business Headquarters, Technical Support Headquarters, and Management Support Office. Each division is subdivided into various teams. The Sales Headquarters consists of the Sales Team and the New Business Team, promoting strategic sales tailored to customer needs. The SI Business Headquarters, which includes the Smart Factory Team, Public Business Team, and IoT Team, focuses on developing optimal solutions tailored to customers' needs. The Technical Support Headquarters, Customer Support Team, and Technology Research Institute are responsible for developing innovative technologies and enhancing customer service satisfaction. The Management Support Office focuses on maximizing management efficiency.



Personnel Composition Status



Competitive Advantage

COMPUTERMATE has a wealth of experience and expertise in the fields of smart factories, factory automation, MES, ERP, AI, and IoT-based industrial solutions, enabling it to systematically address customers' complex needs. With over 30 years of experience, it provides customized solutions to various industries, including automotive parts and electrical/electronics, and delivers tailored services that align exactly with customers' needs. In addition, it provides digital transformation solutions that maximize corporate efficiency and productivity by utilizing AI, big data analysis, and machine learning. COMPUTERMATE maintains competitiveness in the global market through scalable solutions, and responds quickly to continuous technological innovation and market changes.

Manpower

- Composition of skilled human resources in IT technology fields.
- Retention of expert staff in specialized personnel for government-supported information technology projects and public institution projects.
- Retention of expert staff in facilities and electrical personnel for on-site installation and maintenance.

Understanding

- High level of understanding of manufacturing sites and various industrial groups with over 30 years of experience.

Reliability

- Holder of the INNOBIZ Certificate.
- Recognized as a Daegu Star Company.

Soundness

- Integrity Management.
- Debt-free Management.
- Excellent financial health, with a credit rating of BB+ (2024).

Certain

Unique

computerMATE

Reliable

Responsiveness

Technological expertise

- Responding to changing market trends through continuous R&D investment and acquisition of the latest technology.
- Possessing patents and original technologies, ensuring the capability to develop unique solutions.

Know-how

- Over 1,000 references in the manufacturing sector, including automotive, electronics, and machinery industries.
- Accumulating diverse field experience and knowledge.

Service

- Provision of systematic services :
 - Operating a maintenance department.
 - Utilizing customer support systems.

Adapting to technological changes

- Proactively integrating the latest technologies to enhance system performance.
- Building adaptable systems to respond to market changes.

Customized industry-specific services

- Tailoring solutions to meet specific customer requirements.

Global expansion potential

- Entering international markets based on scalable solutions with global applicability.

History

Since the establishment of our R&D center in 2005, we have registered over 20 software programs and copyrights, and filed and granted more than 10 patents through continuous research and investment. In particular, we are leading the latest technological trends by undertaking various government-funded R&D projects in the fields of smart factories and AI, thereby strengthening our technological capabilities and laying a solid foundation for future innovation. Leveraging these research achievements, COMPUTERMATE continues to provide optimized solutions for digital transformation related to manufacturing.

2025

- Certificate of Performance Sharing Company (Minister of SMEs and Startups)
- Inno-Biz Certification (Minister of SMEs and Startups)
- Certificate of Designation Star Company(Daegu)
- Recognized by the President of the Korean Chamber of Commerce
- Patent Registration (Electronic Devices and Methods of Controlling Them)
- Attending Hannover Messe 2025 in Germany

2024

- Selected as a participating company in the Regional Specialization Project Legend 50+
- Certificate of commendation from the Superintendent of Daegu Metropolitan Office of Education
- Selected as an excellent company for smart factory supplier capability diagnosis (Level 3)
- Certificate of Appreciation for Contribution to Social Participation of Local Women (President of Daegu YWCA)

2023

- 2023 Daegu Metropolitan City Suse ong-gu Job Creation Excellent Company Award
- Certificate of commendation from the Daegu Regional Head of KOSME (The Korea SMEs & Startups Agency)
- Participation in 2023 Smart City Expo World Congress Barcelona
- Participation in 2023 Daegu Metaverse Expo

2022

- Recognized as a Youth-Friendly Strong Small Business
- Participation in the 2022 Daegu International Machinery Industry Fair (DAMAX)
- Participation in Smart Factory + Automation World Online Edition

2021

- Institute Family Business Designation
- Awarded the Daegu Family-Friendly Business Award from the Mayor of Daegu
- Recognized as an Excellent Company for Job Creation in Suseong-gu, Daegu
- Exhibited at the 2021 Daegu International Machinery Industry Exhibition (DAMAX)
- Certificate of commendation from the Minister of the Korea SMEs & Startups (KOSME) for the Technology Innovation Sector in the Small and Medium Business Technology Innovation Contest

2020

- Patent Registered: Cloud-Based Smart Factory Operating System for the Automotive Parts Industry through Big Data Analysis
- Exhibited at the 2020 Daegu International Machinery Industry Exhibition (DAMAX)
- Certified as a Family-Friendly Company
- Recipient of the Excellence Award at the Small and Medium Enterprises Awards
- Awarded the 2020 Grand Prize for Youth Employment Promotion
- 2020 Daegu Metropolitan City Suseong-gu Job Creation Excellent Company Award
- Gwangju Smart Factory Supply Company Council Member Registration

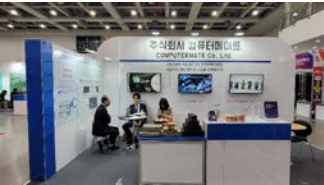
2019

- Gwangju Branch Established
- Relocated Headquarters
- Appointed as Co-CEO
- Exhibited at the 2019 Smart Factory Exhibition
- Exhibited at the Gwangju International Root Industry Exhibition
- COMPUTERMATE Solution Day event held
- Daegu Export Company Certification
- Exhibited at the 2019 Daegu International Machinery Industry Exhibition

Growth Period



2023 Barcelona Exhibition



2023 Metaverse Expo



2019 Smart Factory Exhibition



2019 Relocated Headquarters

2018

- Recognized as a Venture Company
- Certificate of commendation from the Director of the Daegu Regional Employment and Labor Administration
- Selected as a Daegu Star Plus Company
- Gyeonggi Branch Established
- Participation in 2018 Smart Factory Exhibition
- Participation in Tokyo Smart Factory Expo 2018

2017

- Certified as an Export Company in Daegu
- Participation in 2017 Internet of Things International Exhibition
- Participation in SW Convergence Hackathon Competition
- Participation in Smart Factory Expo + Automation World

2016

- NOVAMES BI Renewed and Recognized as one of the 100 Daegu Star Companies
- Registered with the Korea Smart Manufacturing Industry Association

2015

- Established a Subsidiary in China (QINGDAO COMMATE INFORMATION TECHNOLOGY CO., LTD.)
- Computer Mate CI change
- Recognized as a Daegu Star Company

2014

- Certificate of Commendation from the Director of the Daegu-Gyeongbuk Regional of the Korea SMEs & Startups (KOSME)
- Recipient of the Excellent Technology Award

2013

- SAP PARTNER

Leaping Period

2011

- China Branch Established

2010

- Certificate of Commendation from the President of the Small and Medium Business Technology Innovation Association (CEO)

2009

- Recipient of the Venture Company Award at the 9th Daegu-Gyeongbuk Advanced Venture Industry Awards
- Designated as a Special Case Company for Military Service

2008

- Certified for IMS Standards
- Designated as a Samsung Partner Company
- Japan Branch Established

2007

- Patent Registered: Production Management Method for Rubber Products
- ES Certification for MATE-CIM V2.0
- KEPCO IT POOL registration
- Corporate name changed to "COMPUTERMATECo., Ltd."

Foundation Establisher

2006

- Recognized as a Management Innovation-type Small and Medium Enterprise
- Awarded the Minister of the Korea SMEs & Startups (KOSME)
- Designated as a partner company of Hyundai Motor Company
- ISO 9001:2000 Certified

2005

- Recognized as an Inno-Biz Technology Innovation SME
- Recognized as a Venture Company
- Recipient of the Excellent Company Award from the Minister of Commerce, Industry, and Energy at the Korea e-Business Awards
- Established a corporate research institute

2002

- Participation in government-supported projects

2001

- Signed an Industry-Academia Collaboration Agreement with Kyungwon University

1992

- Founded COMPUTERMATE on May 1, 1992

Founding and Pioneering



2018 Tokyo Exhibition

Providing the Best IT Solutions

ULTIMATE SOLUTION

A Total IT Solution Company Leading Digital Transformation

COMPUTERMATE drives digital innovation in the manufacturing sector through smart factory implementation, AI solution development, and IT infrastructure management. It provides integrated solutions such as the MATE series, including MES, ERP, and groupware, and maximizes productivity and efficiency through cloud-based services and AI-driven systems. Additionally, it establishes customized optimization strategies through smart factory and digital transformation consulting, offering a range of IT services and training, including data collection, analysis, and cloud infrastructure management. By supporting government-backed initiatives like AI vouchers and metaverse factory projects, COMPUTERMATE actively facilitates digitalization in the era of the Fourth Industrial Revolution.

Business Areas



System Architecture



Smart Manufacturing Management Solutions

MATE-MES (Manufacturing Execution System)

MATE-MES is a specialized Manufacturing Execution System (MES) solution developed by COMPUTERMATE Co., Ltd., leveraging the company's accumulated expertise. This field support and management system reflects the realities and conditions of the manufacturing industry, enabling systematic management of planning and execution information on the production floor. It optimizes production activities occurring on the shop floor through a series of directives and management processes. This management support system facilitates rapid and seamless responses to dynamic shop floor conditions.



- Defines Management Elements such as Equipment, Materials, and Operators by Individual Processes
- Tracks and Manages all Materials
- Digitalizes Detailed Execution Results and Measurement Data of Products by Each Process
- Systematically Manages All Factory Resources

MATE-MES for Cloud (Cloud-based Manufacturing Execution System)

MATE-MES for cloud implements MES operation and functionality in a cloud environment, standardized and optimized based on over 30 years of experience and the know-how gained from delivering MES for over 1,000 companies.



- Public Cloud - Accessible Anytime, Anywhere
- Quick to Apply - Easy to Implement with Simple Configuration
- Reasonable Pricing - Pay Only for What You Use
- Provide Options - Offer Flexible Features to Save Time and Enhance Cost Efficiency

MATE-POP (Point of Production System)

MATE-POP is a standardized production point management system for manufacturing plants. It is a solution designed to eliminate many inefficiencies caused by the inability of many manufacturers to quickly and accurately collect production-related information.



- Real-time Collection, Analysis, and Monitoring of Various Information Generated on the Production Floor
- Production information can be collected in both semi-automatic and fully-automatic modes.
- Mobile sales management enables sales tasks to be handled anytime, anywhere.
- Ensure Data Reliability

MATE-Compounding management system

This system enables the automation of the chemical weighing process, one of the most important steps in the rubber manufacturing process. It allows for efficient process management, including compounding management and work management. We hold proprietary technologies in rubber manufacturing, including GS certification for the rubber compounding and patents related to production management methods for rubber products.



- Improvement of Work Processes
- Improvement of Work Environment
- Reduction of Work Errors
- Simple and User-Friendly Automation System

MATE- Initial/In-process/Final Product Management System

This system enables real-time self-inspection monitoring and efficient management of data for Initial/In-process/Final products. It is a self-inspection management system that ensures data reliability and maintains a quality system through defect analysis. It facilitates sampling, measurement, review, verification, storage, and analysis of inspection data for initial, in-process, and final stages of production processes.



- Enhancement of Basic Quality Control
- Prevention of Large-scale Defects with Anomaly Alarms
- Ensuring Quality Traceability through the Database Management of Measurement Data
- Prevention of Inspection Omissions and Rapid Response to Process Defects

MATE-QMS (Quality Management Systems)

MATE-QMS monitors quality processes to proactively respond to potential quality issues, ensuring that, in the event of a quality problem, it can promptly and accurately provide the required quality information to customers. It efficiently manages quality issues by monitoring, managing, and documenting quality processes across the organization. It tracks product history and ensures consistent quality results by managing quality standards, achievement levels and goal management functions.



- Continuous Monitoring of Quality Information
- Automation of Quality LOT Tracking
- Various Analysis Functions to Identify the Root Causes of Quality Issues
- Generation of Various Quality-Related Reports, Including Defect Causes

MATE-WMS (Warehouse Management System)

MATE-WMS is a web-based professional WMS system designed to support and optimize warehouse or delivery center management. It allows you to plan, organize, support, supervise, and control facility operations in the movement and storage of products in and out of the warehouse.



- Provides Interfaces of ERP and MES.
- Enables Lot Management Using Barcodes and RFID.
- Supports for Mobile Functions.
- FIFO (First In, First Out) Operation for Easy Production and Shipping Management

Data Analytics and Management Systems

MATE-BI (Business Intelligence)

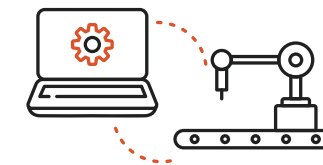
MATE-BI is a technology designed to collect and analyze data generated internally and externally to enhance corporate competitiveness in rapidly evolving markets. It empowers business users to directly analyze the business environment using Microsoft Excel, a familiar analytical tool, and provides dashboard analysis reports for executives to understand the overall status and flow of operations.



- Provides a function for critical decision-making information into a single view
- Provides monitoring of critical business metrics.
- Controls screen access based on user permissions.
- Delivers analytical capabilities through integration with ERP and MES solutions.

RPA (Robotics Process Automation)

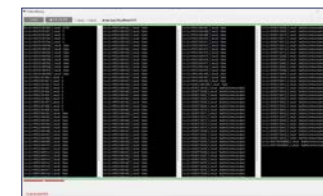
RPA is one of the emerging innovative software technologies driven by the Fourth Industrial Revolution and advancements in artificial intelligence. It is a solution that automatically performs structured and repetitive tasks that are typically handled by humans on PCs. It enables the automation of numerous tasks such as financial and accounting operations, human resource management, as well as inventory management.



- Simple and Repetitive Tasks are Performed by Bots
- Increases Efficiency and Productivity
- Enhances Accuracy and Quality of Work.
- Delivers Substantial Savings in Manpower and Operational Costs

MATE-DA (Data Acquisition)

MATE-DA is a solution for the real-time collection of manufacturing data from sensors, PLCs, and other sources. It processes and stores data such as sensor information, equipment details, production results, and alarm histories through OPC UA communication, leveraging the OPC Server's key feature of tag information.



- Collection of Diverse Data Types
- Real-Time Data Synchronization and Storage
- Real-Time Monitoring of Equipment and Energy Usage
- Data-driven Process Improvement

AI Solutions

MATE-AI for ADUP (Anomaly Detection Universal Platform)

MATE-AI for ADUP resolves atypical defect detection and false defect issues in rule-based vision inspection and can be adapted for other industries and product types through generative AI techniques and a universal platform, providing AI reliability and efficiency.



- Increased efficiency with transfer learning
- Model Management (MLOps) and Visualization

MATE-AI for AD (Anomaly Detection)

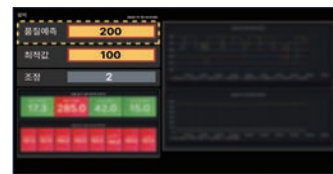
MATE-AI for AD detects real-time anomalies using AI and notifies operators. As an AI solution equipment anomaly detection, it detects and notifies in advance about equipment stoppages, failures, repairs, and replacements to prevent production delays. The system provides comprehensive management of equipment with a predictive alert system.



- Reducing downtime caused by interruptions or halts in product testing

MATE-AI for QP (Quality Prediction)

MATE-AI for QP offers AI-driven quality prediction services leveraging process data. As a quality prediction AI solution, the AI model trained on process data delivers real-time quality predictions for active processes. It also features AI model training management capabilities to continuously improve the quality prediction AI solution.



- Real-Time Predictive Monitoring
- Providing Intelligent Decision-making

Mate-AI for OPC (AI Solution for Optimal Process Conditions)

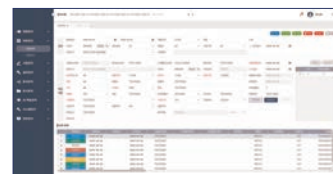
MATE-AI for OPC is an AI solution that provides optimal condition values for equipment. As an AI solution that delivers optimal process conditions, its AI model offers real-time process condition values for quality prediction based on equipment data. This solution supports the foundation for a Digital Twin.



- Real-time Monitoring of Process Data
- Defect Determination in Key Processes

MATE-AI for TMS (Test Management System)

MATE-AI for TMS enables AI-driven scheduling for comprehensive monitoring of testing processes. As a test management system, it delivers real-time monitoring of equipment utilization rate and operational performance based on AI-driven test planning. It also provides reliable test services through deep learning-based automatic performance aggregation and analysis.



- Quantification and Visualization of Test Data
- Response to Test Equipment Abnormalities and Emergency Situations

MATE-CPS (Cyber-Physical System)

MATE-CPS constructs a 3D-modeled virtual environment replicating real-world production sites. Based on real-time process data collected from the production site, it synchronizes the virtual site, visualizes and monitors the operational status, and sends alerts in the event of abnormalities, making it easier to manage manufacturing processes.

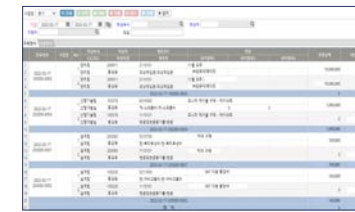


- Equipment Status Information (PLC Data)
- Inventory Status Information (Inbound and Outbound Data)
- Production Status Information (Performance, Defects, Downtime Data)
- Environmental Status Information (OpenAPI Data)

Integrated Business Solutions

MATE-ERP (Enterprise Resource Planning System)

MATE-ERP is a package that prioritizes user convenience and minimizes input by pre-reflecting requirements based on implementation experience and implementing core functions with a sense of field reality. It covers all business processes across the enterprise, including accounting, human resources, purchasing, sales, materials, and quality.



- Enhancement of Work Efficiency and Connectivity
- Integration-based Information System
- Strengthening Management Information and Sharing
- Accessibility and a user-friendly interface

E-HR (Human Resources Management System)

The E-HR system consists of recruitment management, organization/jobs, personnel management, time and attendance management, year-end settlement, welfare benefits, evaluation management, training management, and system management modules, and supports integrated operations through organic linkage with existing systems. Supports integrated management operations of headquarters and affiliates.



- Built for Manufacturing
- Flexible Time and Attendance
- Real-time Data Analytics
- Mobile support

MATE-SCM (Supply Chain Management System)

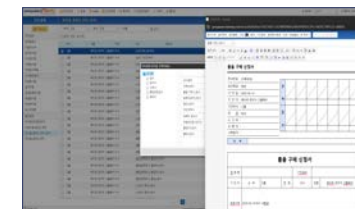
MATE-SCM is a system that supports simplified and standardized ordering tasks to manage procurement processes accurately and in real-time over the internet. It facilitates real-time information sharing among trading partners using IT including component suppliers, manufacturers, and customers, enabling agile responses to market demands and consumer needs. It databases all information related to orders, such as receipts, outstanding payments, overpayments, suppliers, and materials, to ensure smooth production and delivery.



- Standardization of Operations, Utilization of Information Technology, and Cost reduction
- Accurate Performance Management and Utilization of Business Information
- Support for Production and Delivery
- Increase Trust Between Suppliers

MATE-Groupware

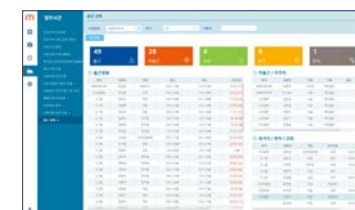
MATE-Groupware develops a knowledge-based system to efficiently manage and share dispersed information within the company, enhancing work efficiency. It streamlines the approval process by systematizing workflows with e-approval functionality and facilitates rapid decision-making and ensures swift and accurate task communication.



- Executives can Readily Assess the State of Operations
- Systematically Structured Database
- Quick Processing and Delivery of Tasks
- Enhanced Collaboration and Communication

MATE-BizTime (Time & Attendance Solution)

MATE-BizTime offers an optimized solution for managing work hours by integrating attendance and task management into a single system, enhancing workforce management efficiency and improving productivity. It supports decision-making and collaboration through its task management tools and comprehensive dashboards. Additionally, it improves employees' work-life balance, boosting morale and fostering a positive corporate culture.



- Facilitates Efficient HR Management through Systematic Attendance Tracking
- Supports Integration with Mobile Clock-in/out, Location-based Business Trip Management, and Other Features
- Enables Real-time Work Reporting and Sharing, Making it Easy to Track Work Progress
- Increased Focus on Work and Enhanced Efficiency

Why COMPUTERMATE is Unique

LEGITIMATE

Research & Development

Since the establishment of our R&D center in 2005, we have registered over 20 software programs and copyrights, and filed and granted more than 10 patents through continuous research and investment. In particular, we are leading the latest technological trends by undertaking various government-funded R&D projects in the fields of smart factories and AI, thereby strengthening our technological capabilities and laying a solid foundation for future innovation. Leveraging these research achievements, COMPUTERMATE continues to provide optimized solutions for digital transformation related to manufacturing.

Separation	Business Name	Assignment Name	Business Period	Lead Agency
Government R&D	Next Generation Leading Technology Development Project	Development of cloud-based smart factory operation system technology for the automotive parts industry	2017.07.01 ~2019.04.30	Daegu Technopark
	NAVER CLOUD PLATFORM Linked Support Project	Developed core functions of cloud-based smart factory operation system for SMEs	2018.09.01 ~2018.11.30	Daegu Digital Industry Promotion Agency
	2019 SW Engineering Technology Field Application Support Project	Improvement of 'MATE_MES' product quality by building SW process based on SW engineering technology	2019.05.01 ~2019.11.30	Information and Communication Industry Promotion Agency
	Local Business Innovation Growth Support (R&D) Program	Cloud-based smart factory vertical MES package development	2019.06.01 ~2020.05.31	Small Business Administration
	Support Project for Industrial-based ICT Convergence Technology Advancement in the Greater Daegu Region (20ZD1100)	Development of cloud-based manufacturing industry data collection/analysis integrated platform technology	2020.03.01 ~2020.12.31	Korea Electronics and Telecommunications Research Institute
	Regional Specialized Industry Development + (R&D) - Regional Star Enterprise Development Project	Cloud-based smart factory vertical cyber physical MES package development	2020.05.01 ~2021.04.30	Korea Advanced Institute of Industrial Technology
	2020 SW Engineering Technology Field Application Support Project	Enterprise-wide SW standardization process for smart factory market competitivenessInternalization Business	2020.05.01 ~2020.11.30	Information and Communication Industry Promotion Agency
	On-site demand smart factory technology development project(Cloud-based data platform)	Developed 3D SDK and cloud-type monitoring control simulation service for CPPS implementation of formulation process	2020.06.25 ~2022.06.24	Small Business Technology Information Agency
	AI Convergence (AI+X) Regional Specialized Industry Support Project (2nd year)	Daegu Transportation EquipmentMachineryMaterial Parts AI Convergence Support	2023.01.01 ~2023.12.31	Information and Communication Industry Promotion Agency
	AI Voucher Support Program	AI-based rubber cutting process quality prediction and process intelligence	2023.04.01 ~2023.10.31	Information and Communication Industry Promotion Agency
	Metaverse-based regional SME manufacturing process innovation support project	Development of intelligent metafactory services based on Metaverse, XR, and AI to improve productivity of water seal process	2023.07.01 ~2023.12.31	Daegu Technopark
	AI Solution Demonstration Support Project	Solutions for Optimization and Anomaly Detection in Extrusion (Core/Cover) Processes	2023.08.01 ~2023.11.30	Korea Advanced Institute of Science and Technology
	AI Solution Demonstration Support Project	AI solutions for heat treating process quality prediction	2023.08.01 ~2023.11.30	Korea Advanced Institute of Science and Technology
	1st Year of Demand-customized AI Solution Development and Demonstration Support Project	Developing a deep learning-based vision inspection universal platform for zero defects	2024.07.01 ~2024.12.31	Daegu Digital Innovation Promotion Agency

Patents & Copyrights

Classification (certified/patented)	Name	Number	Authentication Date	Registrar
GS Certification	MATE MES.NET v3.0	14-0085	2014.04.14	Telecommunications Technology Association (TTA)
	MATE-ERP C#.NET v1.0	10-0226	2010.12.07	Telecommunications Technology Association (TTA)
	Rubber Kneading Process ControlSW	10-0028	2010.08.06	Korea Testing Laboratory (KTL)
	Enterprise Resource Planning ver.4.0, MATE-ERP ver.4.0	07-0195	2007.12.11	Telecommunications Technology Association (TTA)
Patent Registration	Cloud-based smart factory operation system for automotive parts industry through big data analysis	Patent No. 10-2091875	2020.03.16	Patent and Trademark Office
	Production Control Methods for Rubber Products	Patent No. 10-0782573	2007.11.29	Patent and Trademark Office
	Electronic devices and how they are controlled	Patent No. 10-2774893	2025.02.25	Patent and Trademark Office
Patent Applications	Automatic Rubber Cutting Machine with AI	10-2023-0019567	2023.02.14	Patent and Trademark Office
	Electronic devices and how they are controlled	10-2022-0072350	2022.06.14	Patent and Trademark Office
	Smart factory management devices and how to control them	10-2021-0054380	2021.04.27	Patent and Trademark Office
Copyright Registration	MATE-DA	C-2024-025552	2024.07.23	Korea Copyright Commission
	MATE-AI for QP	C-2023-023997	2023.06.02	Korea Copyright Commission
	MATE-AI for AD	C-2023-023996	2023.06.02	Korea Copyright Commission
	MATE-AI for OPC	C-2023-023995	2023.06.02	Korea Copyright Commission
	MATE-TMS	C-2023-023912	2023.06.01	Korea Copyright Commission
	MATE-CPS	C-2023-023911	2023.06.01	Korea Copyright Commission
	MATE-SCM WEB	C-2022-009477	2022.02.14	Korea Copyright Commission
	MATE-BI	C-2022-006808	2022.01.25	Korea Copyright Commission
	MATE MES Ver4.0 for SMT	C-2021-038146	2021.09.24	Korea Copyright Commission
	MATE-GROUPWARE V1.0	C-2021-021725	2021.05.27	Korea Copyright Commission
	QMS (Quality Management System)	C-2017-010397	2017.04.27	Korea Copyright Commission
Enroll in the Program	MATE-MES for Cloud ver.1.0	C-2020-035734	2020.10.19	Korea Copyright Commission
	MATE-MES Ver4.0	C-2016-020910	2016.08.29	Korea Copyright Commission
	MATE-MOBILE ANDROID v1.0	2011-01-189-001534	2011.03.16	Korea Copyright Commission
	MATE-ERP C#.NET V1.0	2010-01-151-001475	2010.03.17	Computer Program Protection Board
	MATE-SCM (X-Internet)	2008-01-154-005630	2008.10.31	Computer Program Protection Board
	MATE-ERP v4.0	2008-01-151-001093	2008.02.28	Computer Program Protection Board

Awards & Certifications



Localized Project Legends 50+ Confirmation of Selection (2024-03-06)

Daegu Metropolitan City Regional Specialization Project Legend 50+ Participating Companies Selection (2024.02.29-2026.12.31)



Certificate of Job Creation Excellence (2023-12-26)

Daegu Metropolitan City Suseong-gu Office Job Creation Excellent Company Certification (2024.01.01-2026.12.31)

Daegu Metropolitan City Suseong-gu Job Creation Excellent Company Certification.



Family Friendly Certificates (2023-12-01)

Family-Friendly Enterprise Certification by the Ministry of Gender Equality and Family (2023.12.01-2025.11.30)

We have been certified as a family-friendly enterprise by the Ministry of Gender Equality and Family by establishing a family-friendly management system and operating a family-friendly system to support the work-life balance of employees.



StarCompany100 Designation (2023-05-01)

Daegu Metropolitan City selects and designates them as star companies through the Star Company Development Project (2015.07.10~Present)

Star companies are global companies that achieve employment and sales based on technological competitiveness and learning ability, and vitalize the local economy. They are selected through a two-stage comprehensive review of credit and growth potential, including financial evaluation and on-site investigation, and are recognized as trustworthy companies in terms of public credibility and external credibility.



Youth Friendly Small Business Certification (2023-01-01)

Selection of Youth-Friendly Small and Medium Enterprises (2023.01.01- .12.31)

The Ministry of Employment and Labor has selected Computer Mate Co., Ltd. as a youth-friendly small and medium enterprise.



Youth Employment Promotion Citation (2020-12-23)

Daegu Metropolitan City Youth Employment Promotion Award (2020.12.23)

Received the Youth Employment Promotion Award for contributing to the development of the local economy and youth job creation through technology development and management innovation.



Small Business Award of Excellence (2020-12-02)

Selected as Daegu Metropolitan City Small and Medium Business Target Company (2020.12.02)

Computer Mate Co., Ltd. received the Excellence Award as the 2020 Daegu Metropolitan City Small and Medium Business Target Company for its contribution to the development of the local economy through technology development and management innovation.



Technology Innovation Small and Medium Enterprise Certification Certificate (2020-11-07)

Technology Innovation Small and Medium Enterprise Certification Certificate (2020.11.07-2023.11.06)

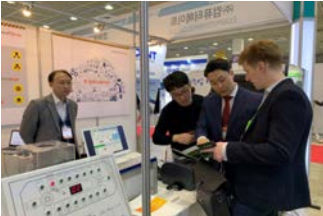
Recognized for technological and management innovation Inno-Biz certificate in recognition of our technological and management innovation.

Item	Content	Date	Organizations
Certificate of Listing	Selected as an Outstanding Company at the Korea eBusiness Awards	2005.11.10	Ministry of Trade and Industry
Certificate of Commendation	Small Business Administration Recognition	2006.09.28	Small Business Administration
Outstanding Technology Award	Outstanding Technology Award_Lab Director Sungho Kim	2008.07.01	Daegu-Gyeongbuk Regional Small Business Administration
Venture Prize	"9th Daegu Cervical Cancer Unit Venture Industry Award" Venture Business Award	2009.12.08	(Daegu Gyeongbuk High-tech Venture Enterprise Association
Certificate of Commendation	Recognized by the President of the Small Business Technology Innovation Association	2010.03.25	Small Business Technology Innovation Association
Certificate of Commendation	Awarded by the Daegu-Gyeongbuk Regional Small Business Administration	2014.03.13	Daegu-Gyeongbuk Regional Small Business Administration

Item	Content	Date	Organizations
Certificate of Commendation	2014 Outstanding Technical Achievement Award_Dongil Kim	2014.03.13	Daegu-Gyeongbuk Regional Small Business Administration
Certificate of Commendation	2015 Outstanding Technical Achievement Award_Sungyoon Jung	2015.12.18	Daegu Metropolitan City
Certificate of Commendation	Awarded by the Daegu Regional Employment and Labor Commissioner	2018.03.08	Daegu Regional Employment and Labor Office
Corporate Affiliated Laboratory Accreditation	Corporate Affiliated Laboratory Accreditation	2019.04.08	Korea Association for the Promotion of Industrial Technology
For small businesses	Small Business Award of Excellence	2020.12.02	Daegu Metropolitan City
Certificate of Commendation	Youth Employment Promotion Citation from the Mayor of Daegu Metropolitan City	2020.12.23	Daegu Metropolitan City
Certificate of Commendation	Awarded by the Minister of SMEs and Startups for Technology Innovation at the SME Technology Innovation Competition	2021.10.27	Minister of Small Business and Entrepreneurship
Certificate of Commendation	Awarded by Daegu Metropolitan Mayor for contributions to fostering the local SW industry_Kim Yong-hwan, Director of R&D Center	2021.12.16	Daegu Metropolitan Mayor
Certificate of Commendation	Awarded by Daegu Gyeongbuk Free Economic Zone Commissioner_Director Kim Mi-young	2021.12.16	Daegu-Gyeongbuk Free Economic Zone Authority
Certificate of Commendation	Daegu Family Friendly Business Award	2021.12.17	Daegu Metropolitan City
Confirmation of participation in the Work-Life Balance Campaign	Confirmation of participation in the Work-Life Balance Campaign	2023.06.15	Daegu Regional Employment and Labor Office
Inno-BiZ (Technologically innovative small and medium-sized enterprises) certificate	Inno-BiZ (Technologically innovative small and medium-sized enterprises) certificate	2023.11.07	Small Business Administration
Family Friendly Certificates	Family Friendly Certificates	2023.12.01	Department of Women and Families
Certificate of Commendation	SBA Citation	2023.12.21	SMBA Daegu Regional Headquarters
Certificate of Job Creation Excellence	Certificate of Job Creation Excellence	2023.12.26	Daegu Suseong-gu Office
Youth Friendly Small Business Certification	Youth Friendly Small Business Certification	2024.01.01	Department of Labor
Certificate of Commendation	Awarded by the Superintendent of Daegu Metropolitan City	2024.02.29	Daegu Metropolitan Office of Education
Localized Project Legends 50+ Confirmation of Selection	Localized Project Legends 50+ Confirmation of Selection	2024.03.06	Small Business Administration
StarCompany100 Designation	StarCompany100 Designation	2024.05.01	Daegu Metropolitan City



COMPUTERMATE CEO Sang-in Seo, 1st graduate of Yeongnam University's computer engineering department, Alma Mater Development Fund



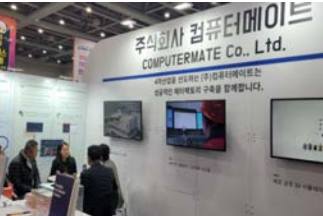
Daegu R&D Support Project, 9 years Sales of 54.6 billion won, Employment of 371 people (Next-generation leading technology development project_(Computer Mate Co., Ltd.)



Daegu Transportation Corporation Workplace Daycare Center Joint Childcare Agreement Signed



Korean AI Convergence Solution Companies Complete Export Contracts Totalling \$840,000



Participation in the 2023 Daegu Metaverse Expo



Participation in 2023 Smart City Expo World Congress



2023 Daegu Public Facilities Management Corporation Next-Generation Information System Construction Service Award Ceremony

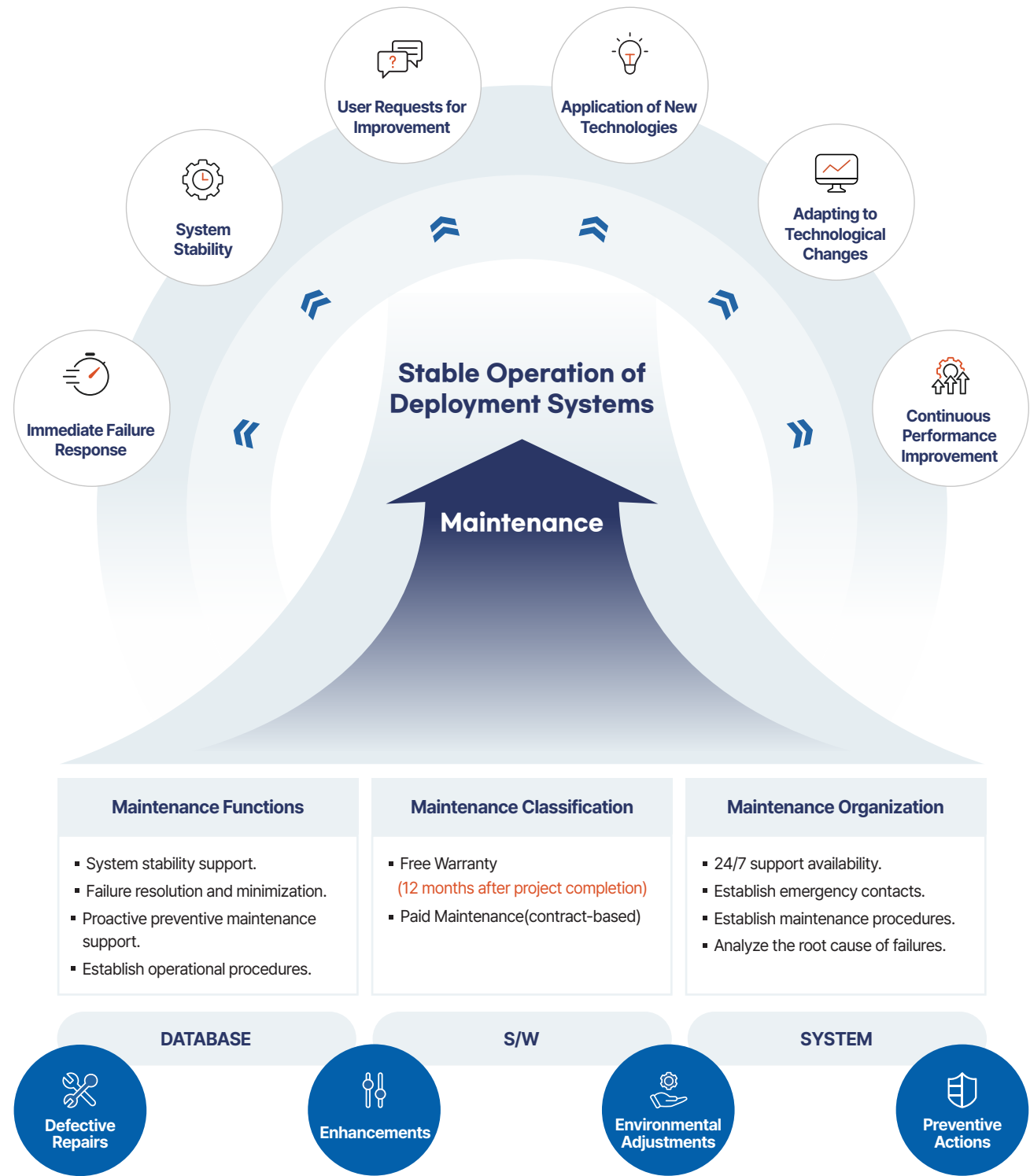


Daegu Suseong-gu, 3 Excellent Job Creation Companies Selected

Customer Support Services

COMPUTERMATE's maintenance services support the stable operation of your system, eliminate and minimize failures, and include proactive management and the establishment of operational procedures. Our support team is available 24/7 and has established an emergency contact network to provide prompt service. This ensures system stability, immediate failure response, improved performance, and preparation for the application of new technologies.

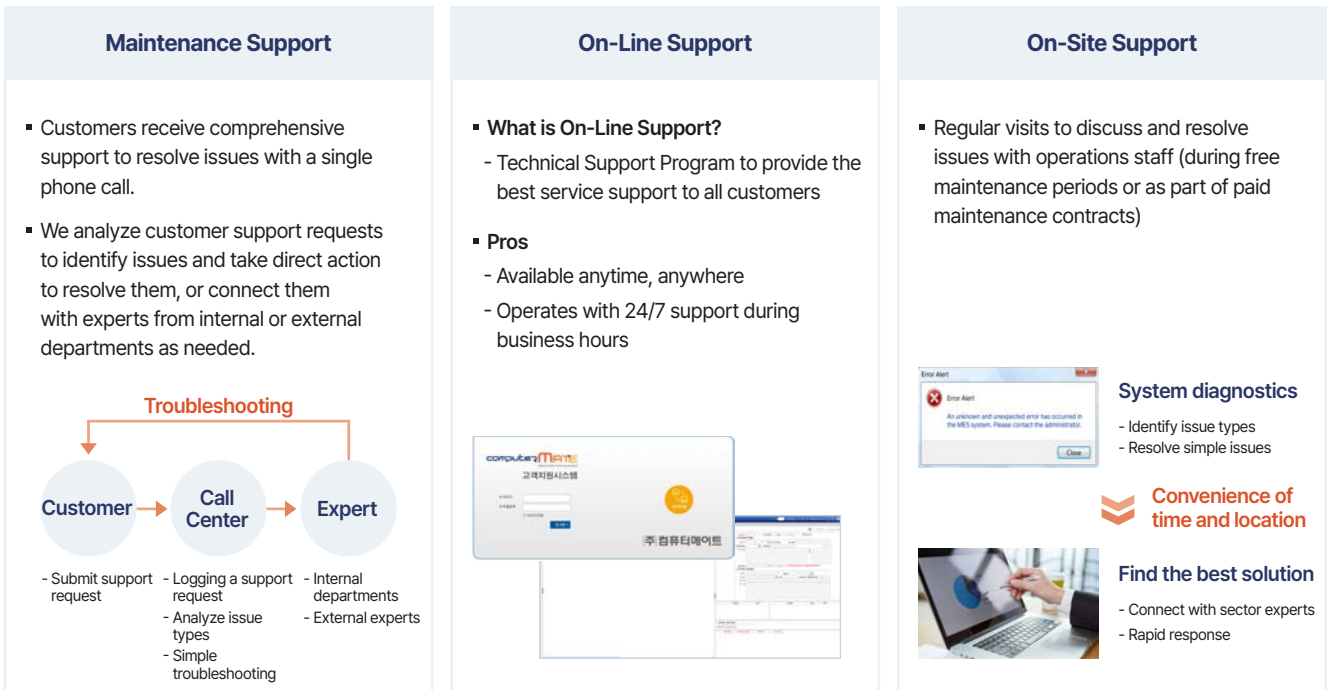
Customer Support Services Overview



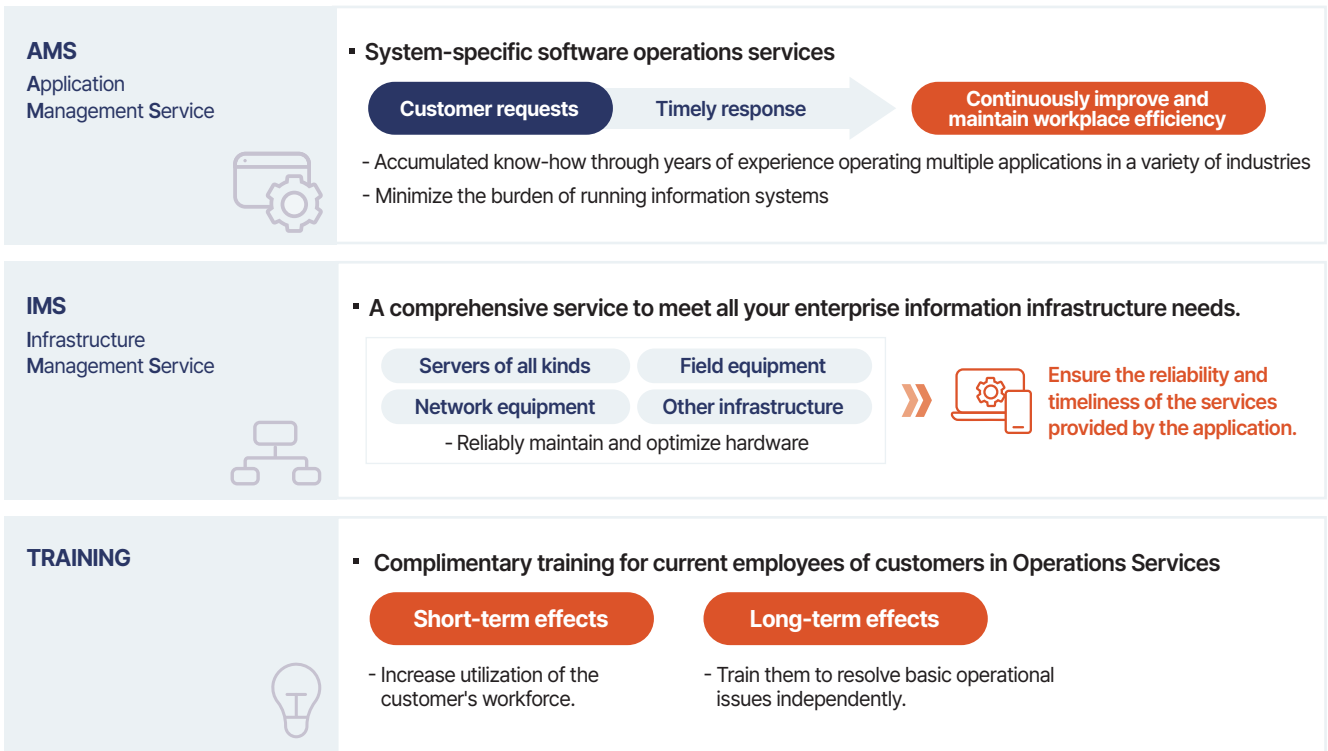
Customer Support System

COMPUTERMATE's customer support system is designed to resolve issues quickly and efficiently. Customers can receive immediate problem analysis and resolution with a single call, and if necessary, connect directly with internal and external experts for additional support. We offer AMS and IMS system management services to meet a wide range of software and IT infrastructure needs, and provide free training services to enhance our clients' capabilities.

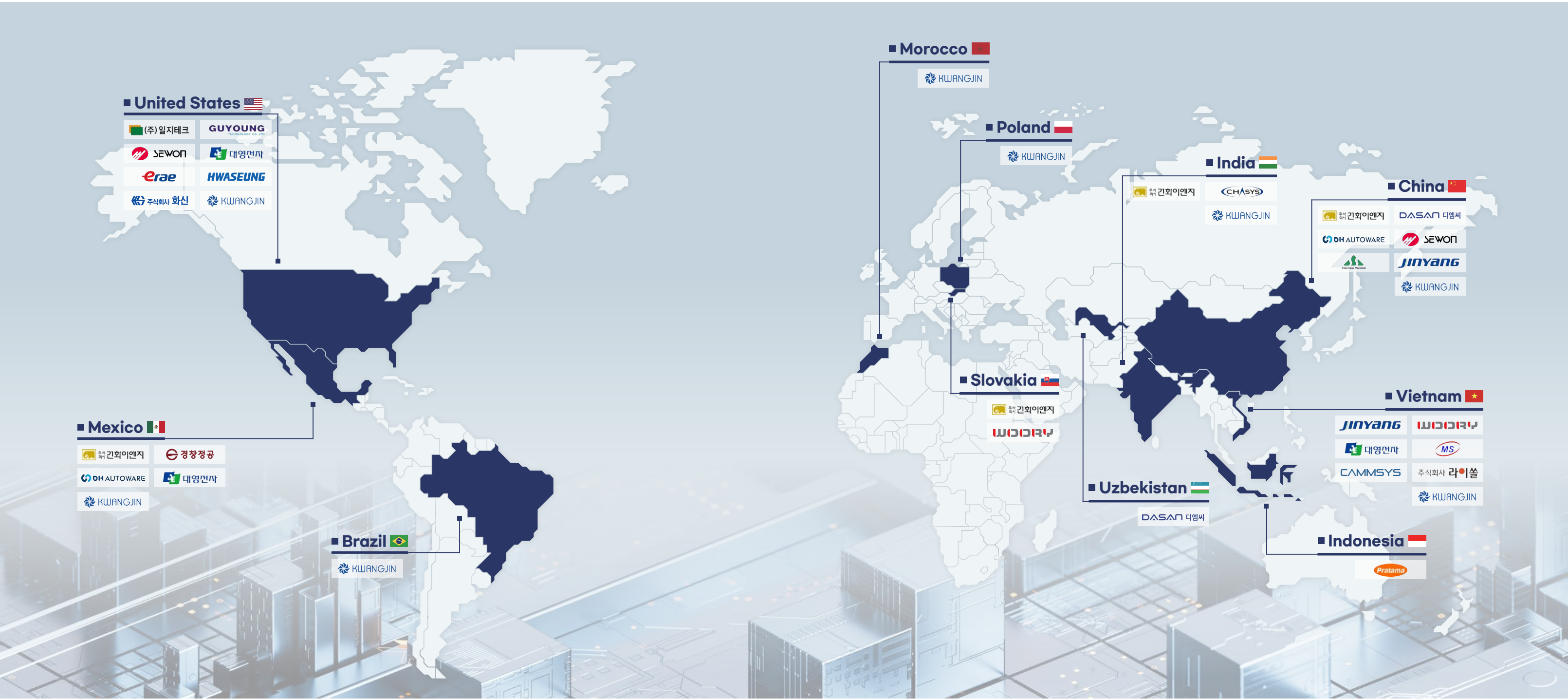
Customer Support System Overview



Classification of Customer Support Systems



References



Domestic

Automotive Parts

경창산업
KWANGJIN
GUYOUNG
SEWON
주식회사
WIDORY
(주)일지테크
주식회사 화신
CHASYS
MS
KBWS
DH AUTOWARE

Electrical/Electronics

대영전자
대영전기
JNTG
Worldplus Electronics
ME
CAMMSYS

Rubber/Chemical

Jinyang
NEXN
SFT
서울화인테크(주)
YRC
유일고무(주)
DASAN 디엠씨
(주)세광기업
주식회사인화이엔지

General

동일알루미늄(주)
LOTTE ALUMINIUM
SAMICK THK
NUCO
YMA
SIEMENS Healthineers
신양특수강
TOP ENGINEERING
TAEKYUNG
대구공공시설관리공단
Pratama
daedong