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

# **Providing** Ultimate **Solution**

## 

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

## **Providing The Ultimate Solution**

COMPUTERMATE Co., Ltd. is a total IT service provider delivering Customized Business Solutions specialized for diverse industries based on Cutting-edge IT technology. We accurately identify our clients' needs and design optimized IT strategies to realize them, supporting digital transformation and enhancing competitiveness. Additionally, by implementing AI solutions and smart factories, we provide smart solutions that elevate productivity, efficiency, and quality to new levels. Through these technologies, we assist in driving business innovation and establishing a stable digital environment for long-term growth. By implementing AI technology, we deliver data-driven intelligence and automation and create new value for our clients' businesses. We maximize operational efficiency through AI-based predictive analytics and real-time data processing technologies, offering customized AI and MES solutions to enhance competitiveness in manufacturing and other industries. This enables us to support our clients in achieving continuous growth in a rapidly changing market environment.

Since our founding in 1992, we have been accelerating digital transformation through customized technical support and consulting that meet clients' unique needs. With a dedicated technology research center and continuous investment in R&D, we drive digital innovation to foster longterm growth and position ourselves as a trusted partner for our clients.

#### **Company Overview**

CEO	Sangin Seo, Sungho Kim	Founding date	Originally Established in 1992 (Incorporated in 2007)
Capital	100 million KRW	Credit rating	BB+ (NICE Information Service)
Patent	<ul> <li>Method for Managing the Production of Rubber Products</li> <li>Cloud-based Smart Factory Operation System for Automotive Parts Industry using Big Data Analysis</li> <li>Electronic Devices and Control Methods</li> </ul>	GS Certification	Enterprise Resource Planning System v4.0 MATE-ERP v4.0     Software for Rubber Mixing Process Control     MATE-ERP C#.NET v1.0     MATE-MES.NET v3.0

#### **Business Area**

IT Solution Development and Consulting	IT Infrastructure	Smart Factory and DX(Digital Transformation)
MATE Series	Server Supply and Maintenance	Smart Factory Consulting
·MES	On-site Equipment Supply and Maintenance	Smart Factory Expansion Program
• MES for Cloud • ERP	· Barcodes, Scanners, Kiosks, etc.	Data Voucher Program
· E-HR · SCM	Cloud Services	AI-Powered Data Infrastructure
· Groupware	· AWS, AZURE, NAVER, KT, etc.	Development Program
· QMS · POP	Network and Data Collection Installation	Cloud Service Usage Support Program
WMS	loT Installation and Maintenance	Al Voucher Program
Initial-In-Process-Final Product Management System		Metaverse Factory Program
Compounding Management System Biztime (Time card management solution)	IT Services	DX (Digital Transformation) Consulting
Al Series	IT Planning and Diagnostic Consulting	Al-Manufacturing Convergence Consulting
ADUP (Anomaly Detection Universal Platform) AD (Anomaly Detection)	PI (ISP)     Quick Assessment	
OPC (Optimal Process Conditions) QP (Quality Prediction)	Customer Support Services	
TMS (Test Management System) CPS (Cyber-Physical System)	System Maintenance     Infrastructure Maintenance (H/W, N/W, Various	
Data Analysis and Management	Equipment)	
· BI (Business Intelligence)	Training Services	
RPA	Free Training for Maintenance Customers	
· DA (Data Acquisition)	• IT System and Technical Training (Paid Service)	

### MATE-AI for ADUP (Anomaly Detection Universal Platform)







## MATE-AI for QP (AI Solution for Quality Prediction)



#### Product **Overview**

MATE-Al for QP(Quality Prediction) offers Al-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 Al solution.



Screen **Examples** 



## MATE-AI for OPC (Al Solution for Optimal Process Conditions)

#### Product **Overview**

Key

MATE-AI for OPC (Optimal Process Conditions) 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.



#### Screen **Examples**





## **MATE-AI for TMS** (Test Management System)



#### Product **Overview**

MATE-AI for TMS(Test Management System) 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 Al-driven test planning. It also provides reliable test services through deep learning-based automatic performance aggregation and analysis.



#### Screen **Examples**



## MATE-AI for AD (Al Solution for Equipment Anomaly Detection)

#### Product **Overview**

Key

MATE-Al for AD(Anomaly Detection) detects real-time anomalies using Al and notifies operators. As an Al 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.



## **MATE-CPS** (Cyber-Physical System)

Product Overview	MATE-CPS(Cyber-Physical System) constructs a 3D Based on real-time process data collected from the the operational status, and sends alerts in the event		
Key Features	3D Factory Layout Similar to the Actual Production Site	Easy Recogn of Actual Fa Compone	

#### Screen **Examples**



Inventory Status Information Environmental Status Information (IoT Data)



D-modeled virtual environment replicating real-world production sites. e production site, it synchronizes the virtual site, visualizes and monitors nt of abnormalities, making it easier to manage manufacturing processes.

