

Be Smart with Smart Factory

Miracom ensures customers' smart production,
ushering in future-oriented factory.

Smart factory starts and ends with Miracom.
Let our smart factory solutions turn you into the world's leading manufacturer.



Be Smart with Smart Factory

Miracom specializes in smart factory solutions enabling customers to boost productivity, keep problems at bay, and grow their businesses.

We build optimal smart factories by virtue of our experience in 21 industries across 20+ countries, serving 350+ corporate customers with specialized solutions and 100,000+ equipment interfacing know-how.



+20

20+ countries



+350

Serving 350+
corporate customers



+100,000

100,000+ machines'
interfacing covered



+21

Best Practices (BP)
spanning 21
manufacturing industries

Miracom's smart factory solution enables autonomous production by synchronizing production lines and legacy systems, and ensuring visibility and optimization.

| Factory connected via a single platform

Collecting, analyzing, and sharing shop floor data in real time allow the generation of a single set of goals and improvement strategies which, in turn, translates into manufacturing productivity.

| Smart Factory at a Glance

Real-time monitoring of visualized management and manufacturing status quo generates a visible factory operation system that can promptly help customers identify problems and make decisions.

| Profit-making Factory at optimal production sites

An optimal smart factory is made possible thanks to the effective utilization of 4M enabled by minimizing human variability and waste elements.

| Factory enabling autonomous, unmanned production

By applying the core technologies of the 4th industrial revolution(AI, IoT, Digital Twin), the autonomous factory is realized through unmanned and intelligent manufacturing technologies.

* Manufacturing industry classification : Based on the division column on manufacturing industry classification (25 industries) of the Korean Standard Industrial Classification System of Statistics Korea

* 4M : Man, Machine, Material, Method

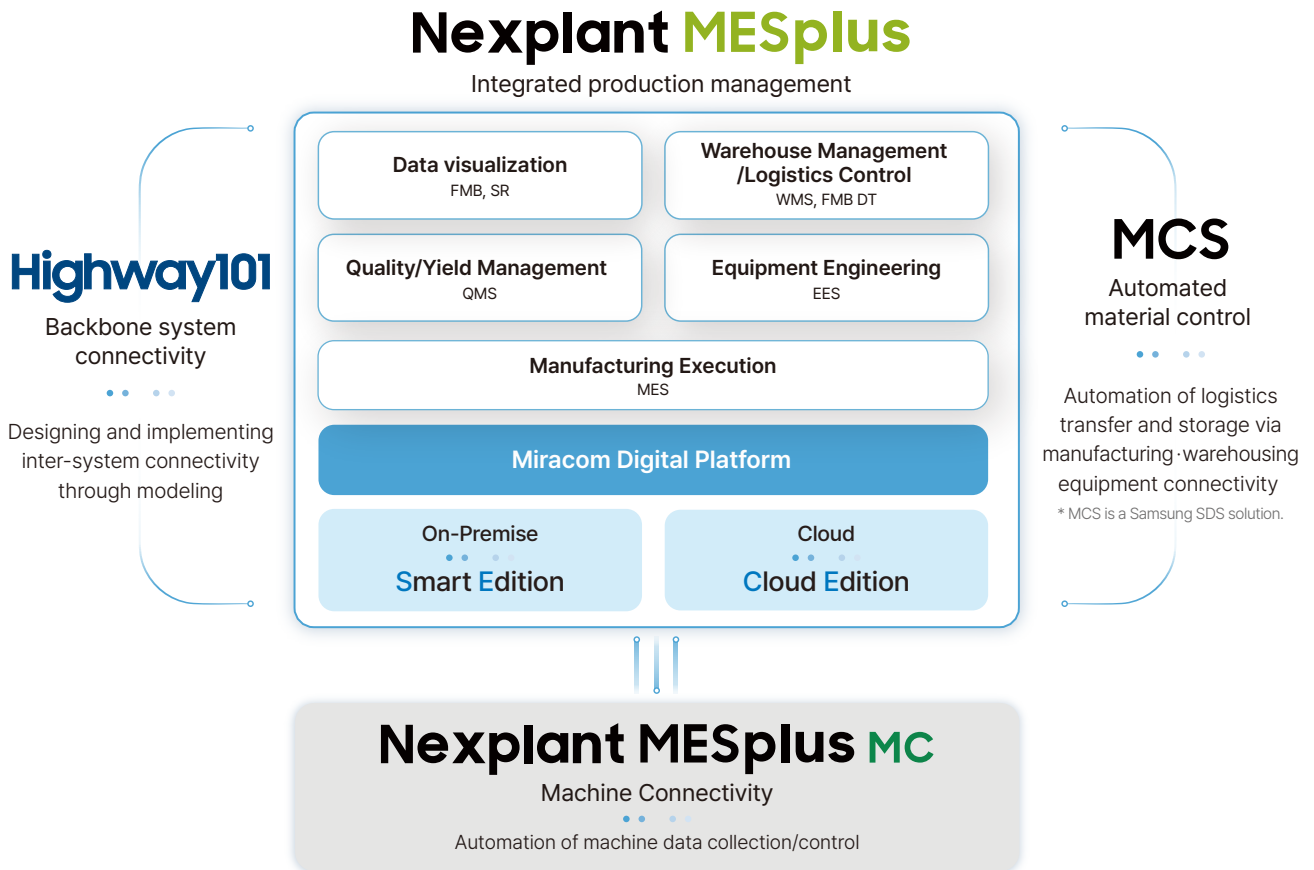
Services

Miracom provides total smart factory services ranging from consulting, MES/ERP implementation, machine connectivity and logistics automation to IT infrastructure/operation in order to improve customer competitiveness in management and manufacturing.

<p>Smart Factory Consulting</p> <ul style="list-style-type: none"> • Level diagnosis service • Establishment of master plan • Setup of standard processes 	<p>MES Implementation (On-Premise/Cloud)</p> <ul style="list-style-type: none"> • On-Premise MES • Cloud MES (Subscription model/MSP Service) • Enterprise systems(ERP, PLM, SCM) connectivity 	<p>ERP Implementation</p> <ul style="list-style-type: none"> • SAP S/4 HANA-based implementation • Conversion/Upgrade to S/4 HANA • Integrated implementation of ERP and MES
<p>Machine Automation</p> <ul style="list-style-type: none"> • Machine retrofitting & interfacing • Machine control via interfacing 	<p>Manufacturing Logistics Automation</p> <ul style="list-style-type: none"> • Deploying machines and control solution for warehousing, transfer, storage • Implementation of integrated control system 	<p>IT Infrastructure/Operations</p> <ul style="list-style-type: none"> • Establishing IT infrastructure (N/W, servers, DB) and consulting • Remote operations of MES/ERP/Infrastructure

Solutions

Miracom's Nexplant MESplus is a platform-based integrated manufacturing execution solution that provides functions such as manufacturing execution, backbone system interfaces, quality analytics, machine connectivity, which are vital to smart factory implementation.



* FMB : Flexible Monitoring Board | SR : Smart Report | WMS : Warehouse Management System | FMB DT : Flexible Monitoring - Board Digital Twin
 QMS : Quality Management System | EES : Equipment Engineering System | MES : Manufacturing Execution System
 MES : Manufacturing Execution System | MCS : Material Control System | MC : Machine Control

References | Main Customers

We provide industry-specific solutions to over 350 corporate customers, helping them transform their businesses.

• Semiconductor



• Electrical/Electronics



• Auto Parts



• Food & Beverage



• Chemicals



• Metals Processing



• Pharmaceuticals/Medical Equipment



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