Global Electronics Association™

viettel manufacturing



Viettel Manufacturing Corporation:

Aligning Electronics Capability with Aerospace Ambition

From a Legacy of Manufacturing to Global Ambitions

Viettel Manufacturing Corporation (VMC) represents one of the key pillars in Viettel's journey from a telecommunications operator to a technology and industrial group with capabilities spanning telecommunications, digital technologies, defense industry, research and development, and advanced manufacturing.

With roots tracing back to longstanding manufacturing traditions and further strengthened since becoming part of Viettel's industrial ecosystem, VMC has continuously expanded its capabilities in high-technology manufacturing. Over the years, the company has progressed from supporting the production of military communication systems to manufacturing increasingly sophisticated defense and industrial products that require advanced engineering, precision manufacturing, and rigorous quality assurance.

Today, VMC is entering a new phase of development. Building upon its experience in aerospace, electronics, and advanced manufacturing, the company is investing in next-generation electronics manufacturing capabilities that will enable greater participation in international supply chains and global high-technology industries.



This evolution reflects a broader ambition: to contribute not only to Vietnam's technological self-reliance, but also to the country's growing role in the global manufacturing ecosystem.

Building a Modern Electronics Manufacturing Platform

As electronics continue to become the foundation of modern industries, manufacturing excellence increasingly depends on the ability to deliver quality, consistency, and reliability at scale.

To meet these expectations, VMC is developing a comprehensive electronics manufacturing platform designed around international best practices and advanced production technologies. The investment encompasses surface-mount technology (SMT), assembly, soldering, PCB coating, inspection, testing, and reliability validation capabilities.

The manufacturing platform integrates advanced production and quality-control systems, enabling high levels of precision, traceability, and process consistency. Alongside the deployment of modern equipment, VMC is placing equal emphasis on developing the processes, quality systems, and technical expertise required to support high-reliability electronics manufacturing.

Rather than focusing solely on production capacity, the company is building a long-term foundation for sustainable growth, one capable of responding to the increasingly demanding requirements of international customers and industry partners.



Preparing for the Future of Aerospace and High-Reliability Electronics

Across the global aerospace and electronics sectors, products are becoming more integrated, software-driven, and mission-critical. As a result, manufacturers face increasing expectations in reliability, quality assurance, traceability, and process control.

VMC views these trends as a significant opportunity. The company is actively strengthening its capabilities to support the production of increasingly complex electronic systems while meeting the stringent standards associated with high-reliability applications.

This preparation extends beyond technology investments. It includes the development of a highly skilled workforce, advanced quality management practices, and manufacturing processes capable of maintaining consistency across every stage of production.

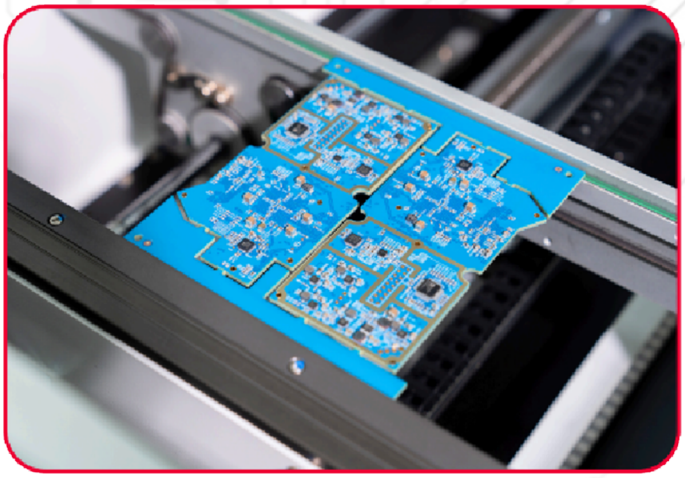
Through this systematic approach, VMC is positioning itself to support future programs and partnerships that require both technical sophistication and manufacturing excellence.



International Standards as a Foundation for Growth

As VMC expands its electronics manufacturing capabilities, international standards play a central role in ensuring quality, reliability, and operational consistency.





Among these, IPC standards provide a globally recognized framework for manufacturing, inspection, testing, and quality control. By aligning with these standards, VMC establishes a common technical language across engineering, production, quality assurance, suppliers, and customers.

The adoption of these practices also supports workforce development. Through IPC training and certification programs, engineers and technicians gain a shared understanding of industry best practices, helping strengthen manufacturing discipline and improve execution throughout the organization.

Most importantly, internationally recognized standards help reduce risk, improve traceability, and build confidence among customers operating in highly regulated and quality-critical industries. As VMC seeks deeper engagement with global markets, these capabilities provide an important competitive advantage and reinforce the company's commitment to manufacturing excellence.



Developing Competitive Advantages Through People, Technology, and Quality

At VMC, technology investment is viewed as only one part of a successful manufacturing strategy.

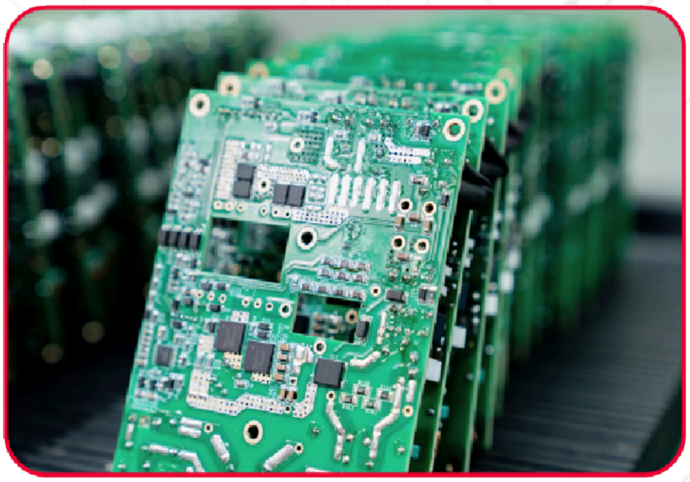
The company believes that sustainable competitiveness is built through the combination of advanced technologies, highly skilled people, disciplined processes, and a culture of continuous improvement. Significant effort is therefore directed toward workforce development, knowledge transfer, technical training, and the adoption of internationally recognized best practices.

Being part of Global Electronics Association network further supports this approach by providing opportunities to exchange experiences, learn from industry leaders, and remain aligned with the evolving requirements of the electronics manufacturing sector.

By combining these elements, VMC aims to build manufacturing capabilities that are not only technologically advanced but also trusted, scalable, and globally competitive.



Looking Ahead



The expansion of VMC's electronics manufacturing capabilities marks an important milestone in the company's long-term development strategy.

As the company continues to strengthen its manufacturing platform, invest in advanced technologies, and deepen its alignment with international standards, VMC is positioning itself to become a stronger participant in global high-technology supply chains.

With a commitment to quality, innovation, and continuous capability development, VMC looks forward to building new international partnerships, supporting the growth of Vietnam's high-tech manufacturing sector, and contributing to the future of global electronics manufacturing.

"At VMC, we believe the future of manufacturing is built on trust, quality, and continuous innovation. International standards such as IPC help us create a common foundation for excellence, while our investments in people, technology, and advanced manufacturing capabilities position us for deeper participation in global high-technology supply chains. Our ambition is not only to manufacture world-class products in Vietnam, but also to contribute Vietnamese engineering and manufacturing capabilities to customers and partners around the world."



For more Information, please connect

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