

# A New Era of Supply Chain Success: Leveraging Logistics as a Competitive Advantage





## New capabilities and technology are ushering the raw materials supply chain into a new era.

Over the last several years, supply shortages and shipping issues have caused logistical headaches for manufacturers across the globe. Ongoing freight challenges, labor shortages, and natural disasters have applied additional pressure on supply chains that were already constrained. These supply shortages can halt production, lead to missed orders, deteriorate customer relationships, damage brands, and negatively impact revenue for producers in need of  $\text{TiO}_2$  and other raw materials.

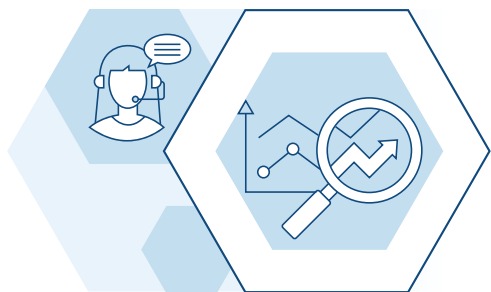
However, new tools and processes are emerging that can alleviate these pressures and provide manufacturers with greater reliability of supply – a critical determinant of business success that can serve as a competitive advantage for many manufacturers in today's supply constrained environment.

Gaining that edge requires creating the most efficient and innovative end-to-end supply chain in the industry – a standard that we at Chemours are continually looking to elevate by implementing new technology and capabilities that benefit our customers. Our goal is to move into a new era of supply chain success driven by digital and automated tools that optimize order fulfillment and improve the customer experience. These enhanced capabilities include artificial intelligence-based product level forecasts, digitized supply chain planning solutions, drone warehouse management technology, and more.

Supply chains are long, complex, and only as strong as their weakest link. As such, enhancements must be made across the entire chain to empower customers with the confidence, transparency, consistency, and reliability they need to make the best business decisions possible. At Chemours Titanium Technologies, we're making improvements to address these needs across three stages of the  $\text{TiO}_2$  supply chain:



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## Superior Ordering, Shipping & Logistics Solutions

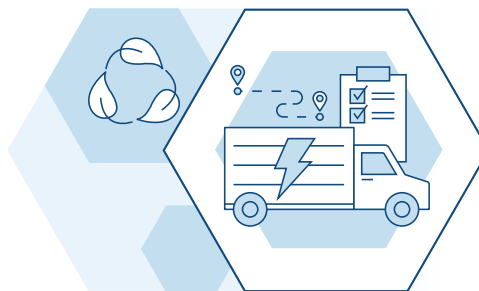
The time has come for TiO<sub>2</sub> ordering and tracking to enter the digital age. Our Ti-Pure™ Connect & Ti-Pure™ Flex portals empower our customers with real-time order tracking visibility and improved forecast accuracy. This state-of-the-art technology provides step-by-step shipment updates, empowering customers with improved visibility and supply reliability. With up-to-the-minute delivery information, customers add transparency and efficiency to their supply chain and production processes.

Data collection and analytics will also play a prominent role in the Supply Chain 2.0. Suppliers of the future must start by upgrading their entire data network. Data from business intelligence tools should be integrated with proprietary data warehouses to ensure all information is aggregated and accessible. This will enable leaders to extract information and make decisions in real time. This is a significant upgrade from disparate legacy systems that took hours, or even days, to update.

The dataset should also include customer-specific dashboards with preferred order schedules, peak demand timeframes, and customer requests to power further insights and enable improved and differentiated customer service. With customer data at the support team's fingertips, they can resolve issues more efficiently, empower better communication and transparency throughout the chain, and

ultimately get orders back on track. This combination of advanced data analytics and expanded customer service support creates superior communication and information sharing that drives better business decision making.

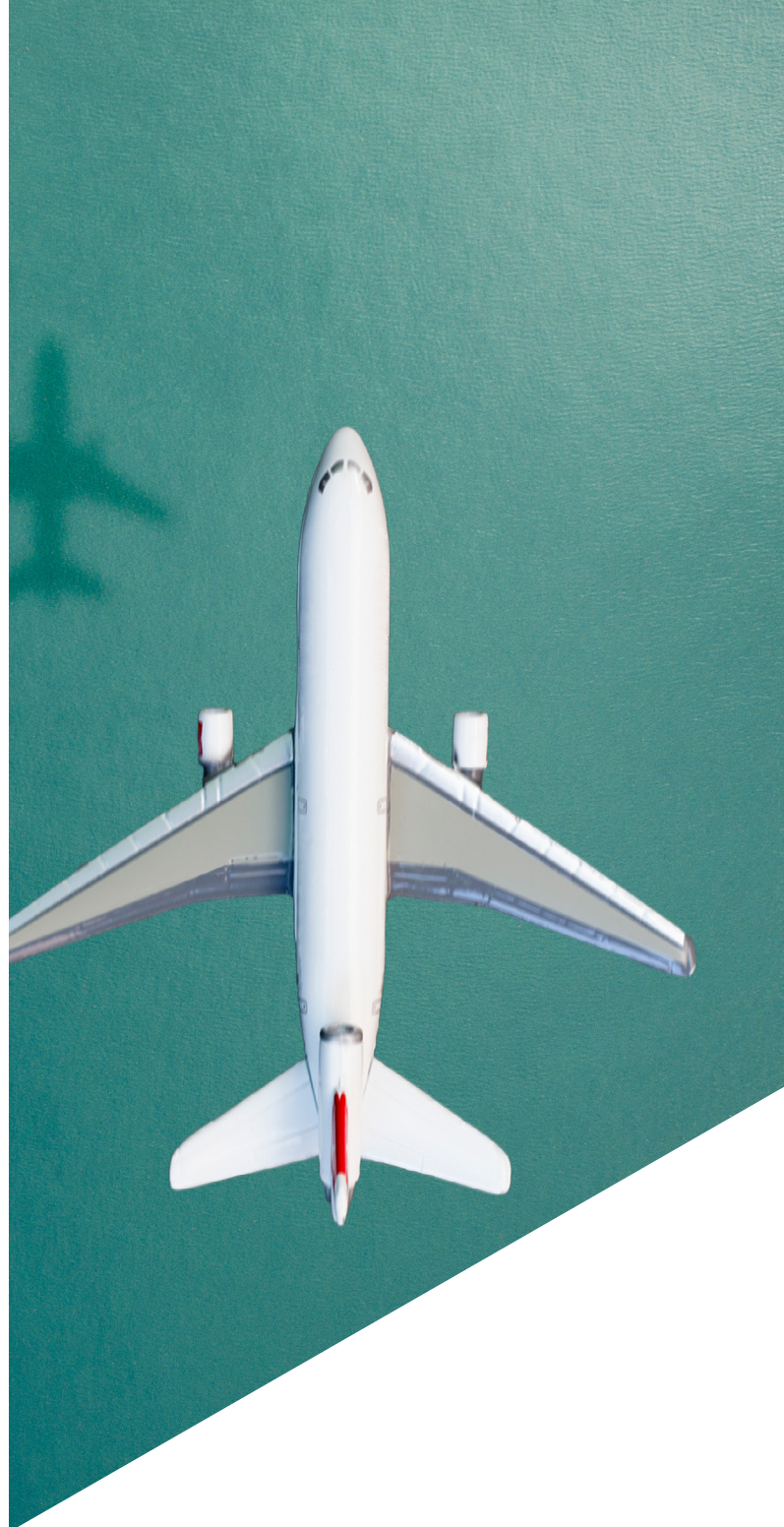
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## Continued Supply Chain Evolution

Like all other industries, the future of supply chain management will be driven by efficiencies that advance the sustainability of our shared planet. Part of our company's vision for the future is to become the most sustainable TiO<sub>2</sub> enterprise in the world. We're constantly striving to advance sustainability within our gates and communities, with our customers, and across industries – this includes the way we manage our supply chain.

To do so, we are implementing recycling programs that are convenient for customers to join. We accept and refurbish material packaging for reuse and utilize innovative new packaging that is dissolvable in customers' production processes when possible. Further, we're seeking to drive down carbon emissions by using electric forklifts in our warehouses as well as evaluating fleets of electric trucks and other more fuel-efficient delivery vehicles. New technologies have also emerged that can help identify the most fuel-efficient shipping routes, whether that be via ocean, rail freight, or a combination of other means. These efforts are ongoing, and suppliers must continually invest in updates to their processes that drive sustainability.



## Customer-Centric Supply Chains

With the supply disruptions of the past few years beginning to subside, an opportunity has emerged for manufacturers to leverage the supply chain as a competitive advantage. Doing so will require them to work with suppliers that are making continued investments in creating supply chains that better serve manufacturers and end customers. At

Chemours Titanium Technologies, we are committed to pursuing innovations that help our customers meet and exceed their business goals. We call it customer-centered innovation, and it extends beyond our product portfolio to every aspect of the customer experience, including logistics and final-mile delivery. We're continuing to invest resources in these capabilities in order to give our customers the best chance at outperformance now and in the future.



## About Ti-Pure™ Titanium Dioxide from Chemours

Ti-Pure™ titanium dioxide (TiO<sub>2</sub>) from Chemours strives to make the world brighter, more durable, and efficient by tackling some of society's greatest challenges through TiO<sub>2</sub> innovation and reliability. For nearly a century, we have produced and delivered high-quality TiO<sub>2</sub> for customers around the globe in coatings, plastics, and laminates applications. Guided by industry-leading innovation, technical expertise, and continued collaboration, we're committed to moving our customers and our planet forward.

[Watch a short video to learn more.](#)



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