

Transportation

For Arrow, transportation is more than just getting people from point A to point B. From automotive safety and driver convenience to the future of autonomous vehicles, we strive to drive the next wave of innovation.

Not since Henry Ford's assembly line has there been a more transformative time in the automotive industry. Today's in-car experience has become as much about the world outside as it is about the driver. And those drivers will soon become passengers, with self-driving vehicles acting as both navigators and operators.

But the path to creating the future of transportation isn't easy. Today's automakers and those who serve them need the right partner to help navigate challenges. Untangle component complexity. Optimize global supply chain and inventory management. Connect heterogeneous systems in innovative ways.

That's where Arrow can help.



Five Years Out

Arrow makes it possible to bring the right pieces of the integrated technology puzzle together. We curate the expertise and knowledge that drives competitive advantage, and we've created the underlying global infrastructure upon which the vehicles of tomorrow will be built. Join us in the world of Five Years Out, where we will transform imaginative possibility into practical reality.

Global Reach. Localized Service.

As the world of transportation and the automotive industry evolve and adapt to 21st century innovation, the need for a reliable partner that understands the requirements, complexities and urgency of the industry is more critical than ever.



At Arrow, we know that in a business designed to make things go, there is simply no time for line-downs or inferior products. Every piece, part, system and module must be qualified, integrated, available—and of world-class quality. In the right place. At the right time.

Across the continent or across the street, Arrow has experts in global supply chain logistics who know how to keep the transportation industry moving. Just as important, we have the systems in place to track and ensure the availability of high-

quality automotive parts designed to withstand the test of time. We understand the commercial and technical issues that make automotive businesses run. And we provide efficiencies for both time and money to streamline operations, maximize uptime and cut down on manufacturing overhead.

When you partner with Arrow, you partner with experts who speak the automotive language. We deliver the best global, secure and reliable source for keeping your entire business traveling in the right direction.



Individualized, Expert Design-In Solutions

Whatever your vision, Arrow has the knowledge and expertise to help you achieve greater safety, efficiency, connectivity and automation in the ever-evolving transportation industry.

We excel at working together to solve design challenges and leverage existing components for your projects. Arrow has the knowledge and resources to recommend and source the best parts for the job—components that meet local, regional and global standards.

Our dedicated team can help you evaluate new technologies and provide AECQ products and platform support, as well as Engineering Solutions Center support to guide your vision. You'll also have access to enVision™, our free online application for early design-phase exploration and collaboration; SiliconExpert, our global components database; and, if desired, our unparalleled third-party network.

At Arrow, your success is our success.

A Case of Innovative Design

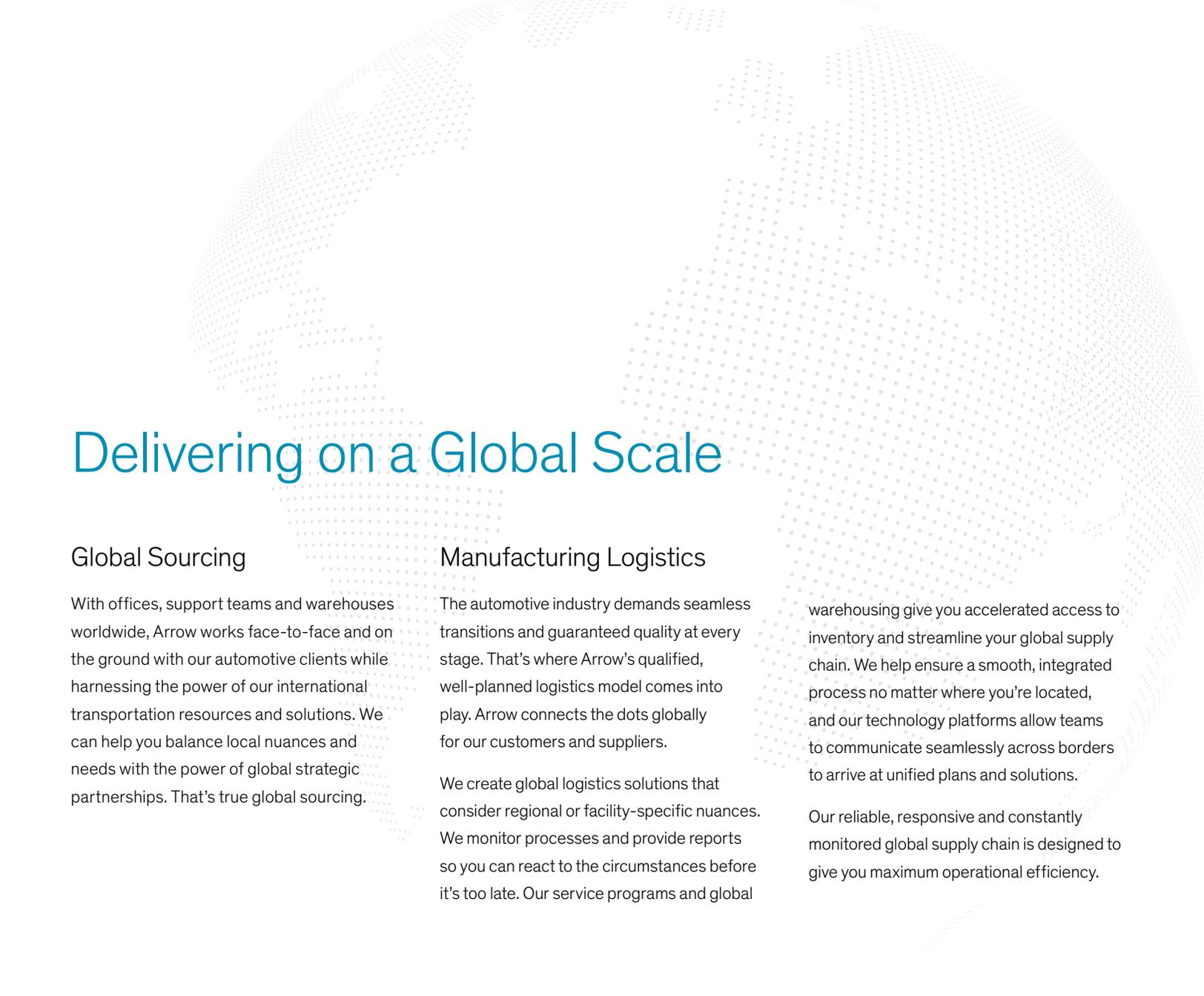
Arrow's Semi-Autonomous Motorcar (SAM) Project

In June 2013, Arrow engineers and medical researchers joined forces to work toward a common vision—enabling quadriplegic race car driver Sam Schmidt to drive again. Arrow launched the project with a question: What if we could enable the driver's head to act as a steering wheel, accelerator and brake?

Through collaboration with and integration across multiple vendors and stakeholders, Arrow developed technologies that many would have considered improbable. The semi-autonomous motorcar is an automotive example of seamlessly taking existing technology to the limits with far-reaching results.

Learn more at arrow.com/sam

**Arrow supports the disruptive trends
(electrification of power train, connectivity
and autonomous driving) in automotive
with solutions.**



Delivering on a Global Scale

Global Sourcing

With offices, support teams and warehouses worldwide, Arrow works face-to-face and on the ground with our automotive clients while harnessing the power of our international transportation resources and solutions. We can help you balance local nuances and needs with the power of global strategic partnerships. That's true global sourcing.

Manufacturing Logistics

The automotive industry demands seamless transitions and guaranteed quality at every stage. That's where Arrow's qualified, well-planned logistics model comes into play. Arrow connects the dots globally for our customers and suppliers.

We create global logistics solutions that consider regional or facility-specific nuances. We monitor processes and provide reports so you can react to the circumstances before it's too late. Our service programs and global

warehousing give you accelerated access to inventory and streamline your global supply chain. We help ensure a smooth, integrated process no matter where you're located, and our technology platforms allow teams to communicate seamlessly across borders to arrive at unified plans and solutions.

Our reliable, responsive and constantly monitored global supply chain is designed to give you maximum operational efficiency.

Arrow provides global, localized support through an extensive line card, featuring hundreds of the best suppliers on the planet.

Support Beyond the Point of Sale

As a leader in the automotive industry, you have a reputation to protect and a promise to keep. That's why support from Arrow extends well beyond the manufacturing line or point of sale. Replacement parts management and end-of-life inventory control are important factors that affect your business.

We provide proactive production insights and recommend the best parts for design, while considering out-of-production schedules. Our prompt end-of-line notifications keep you apprised of parts that may need to be sourced, stored and on-hand so you're able to service your product for the full life of the commitment.

We also offer analysis and fast response in cases of defects when end-user expectations are especially high. Arrow can help ensure you are set up with a well-managed repair inventory, and our tracking management system ensures traceability, so you can avoid counterfeit or faulty parts.

Our commitment to the automotive industry is unparalleled in the transportation vertical.

Why Arrow

Arrow works with partners, suppliers and manufacturers to bridge the gap between the possible and the practical. We can think Five Years Out because of our commitment to lasting relationships with the most forward-thinking companies in the world. As the eyes and ears of the future, Arrow can help you take your business to the next level. From sensor to sunset.

SOLUTION ARCHITECTURE AND DESIGN

Change is constant. New standards, new ideas, new breakthroughs. Faster, better, cheaper are always around the corner. What doesn't change is Arrow's persistence in thinking Five Years Out. Partner with Arrow to help you design a new device, component or finished product, or to take an existing solution to the next level. Our engineers leverage the world's best resources to help you minimize design cycles to speed your time to market. We can help you find the shortest distance between inspiration and profits.

PROTOTYPE TO SCALE

At Arrow, we know everything great and monumental begins behind the scenes. Part selection. Engineering. Design. Put your custom-designed board, component or device to the test with our prototyping and testing services. And get it certified by UL, EnergyStar or DLC. When you're ready for market, use Arrow's custom manufacturing solutions to scale production to your needs quickly.

ROUTES TO MARKET

Creating a marketable solution is only half the battle. Getting your solution to market is the other half. Boost revenues and maximize business opportunities by working with Arrow to create lead-generation programs and new routes to market. Put your designs into production quickly with Arrow's turnkey manufacturing solutions. Meet the demand for short lead times with Arrow's renowned global supply chain and logistics support. With Arrow by your side, you can keep your products on the route to profits.

HARDWARE AND SOFTWARE INTEGRATION

So many platforms. So many protocols. And so many potential problems. Arrow's integration expertise complements yours to help you bridge the practical and the possible in networks, enterprise computing, IoT and wireless communications. Whether you need device-level integration or large-scale systems integration, Arrow can handle your needs, no matter how demanding.

CLOUD SECURITY AND ANALYTICS

The cloud is vast and ever changing. Arrow cloud consulting, infrastructure, software and security services help you navigate the shortest distance between innovation and reality. With Arrow, the cloud is clearer so you can create solutions unique to your company, your industry, your customers. Arrow data analytic tools and expertise help you turn data into insight. And insight into action. Because what you do with your data tomorrow depends on what you put in place today.

SUSTAINABILITY

Devices become obsolete. Basic materials don't. Turn to Arrow to unlock the value hiding in yesterday's innovation. Reduce, reuse and turn inefficiency into opportunity. From point of use to point of origin, Arrow's sustainable technology solutions group turns challenges into solutions, waste into profits. Arrow guides innovation forward through the reverse supply chain—spares management, returns management, inventory control, remarketing and electronic asset disposition. Arrow has you covered from sensor to sunset.

Are You Five Years Out?

Most people live in the present. The world of now. But a handful of us work in a unique world that doesn't quite exist yet—the world of Five Years Out.

Five Years Out is the tangible future. And the people who live and work there know that new technologies, new materials, new ideas and new electronics will make life not only different, but better. Not just cheaper, but smarter. Not just easier, but more inspired.

Five Years Out is an exciting place to be. So exciting that, once you've been there, it's hard to get excited about the present. Because we know what's coming is going to be so much better.

Five Years Out is a community of builders, designers, engineers and imaginers who navigate the path between possibility and practicality. Creating the future of everything from cars to coffeemakers.

Are you one of them? Then you're probably working with us.



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