

BRIEF CASE ↘

Saving the World through Efficient Vaccine Distribution

As a global leader in the pharmaceutical industry, this company has a rich history of innovation to improve healthcare worldwide. Its commitment to scientific excellence and patient well-being has led to the development of groundbreaking treatments across many therapeutic areas. With a global footprint, the company operates in over 180 countries, employing a diverse workforce passionate about positively impacting global health.



The situation

In early 2020, the world faced an unprecedented crisis with the rapid spread of Covid-19. Governments, health organizations, and pharmaceutical companies collaborated to develop, produce, and distribute vaccines at an unprecedented speed. This innovative leader developed a breakthrough Covid-19 vaccine but faced the monumental challenge of distributing billions of doses across the globe quickly and efficiently.

The challenge

The challenge for the company was to produce a highly effective vaccine and ensure equitable and timely distribution to every corner of the world. The urgency of the situation demanded a reliable and robust logistics solution that could manage the complex task of shipping temperature-sensitive vaccines to diverse locations with varying infrastructure and transportation capabilities in a very short time. Additionally, the company faced meeting the reporting requirements of health authorities while navigating the various international regulations and customs procedures.

The solution

The organization partnered with e2open, a leading supply chain management software provider, and leveraged its Global Parcel shipping solution to streamline and optimize the distribution of Covid-19 vaccines. E2open Global Parcel offered a comprehensive logistics platform to ensure real-time visibility, temperature control, and end-to-end traceability of vaccine shipments. The solution integrated seamlessly with its existing systems, providing a unified platform for managing the entire distribution process.



The following features provided by the e2open solution were configured to meet the unique needs of the vaccine distribution:

- **Real-time tracking:** The ability to track vaccine shipments in real-time, providing visibility into the location and condition of each shipment.

- **Carrier integrations:** Parcel carrier network and built-in integrations ensured the best service and pricing option based on the shipment destination.
- **Temperature monitoring:** Precise temperature control and monitoring to ensure the vaccines remain within the required temperature range, preserving their efficacy.



Pharmaceutical Company

Challenges

- Manage global distribution of vaccines in a temperature-controlled environment within a very short timeframe
- Ensure that the suitable carrier is selected based on pre-established criteria for a specific destination
- Ensure compliance with reporting requirements from health authorities and customs agencies across the globe

Solution

Automate the vaccine distribution operation in the most efficient and compliant manner possible

Applications

- E2open Global Parcel

- **Customs compliance:** Efficient handling of customs procedures and compliance with regulatory requirements in different countries, reducing delays at borders.
- **Reporting:** The ability to produce audit reports for healthcare agencies to demonstrate the integrity and end-to-end traceability of each vaccine shipment.

The outcome

Implementing the e2open Global Parcel shipping solution proved instrumental in the successful and rapid distribution of the Covid-19 vaccines across the globe. The results were phenomenal and yielded impressive results for the company:

- **Timely delivery:** The solution enabled the company to meet aggressive timelines, ensuring vaccines reached their destinations swiftly with minimal waste.
- **Global reach:** Vaccines were distributed to diverse regions, including remote and challenging locations, contributing to a more equitable distribution.
- **Efficacy maintenance:** The temperature control measures ensured that the vaccines maintained efficacy while meeting the stringent requirements for storing and transporting.
- **Supply chain resilience:** The real-time visibility and risk mitigation strategies implemented through the solution enhanced the resilience of the company's supply chain, minimizing disruptions.

In a nutshell, the collaboration between the pharmaceutical leader and e2open is a testament to the successful synergy of scientific innovation and a unique logistics solution in addressing one of the most significant global health challenges in recent history. The result was not just the distribution of a vaccine but the delivery of hope and protection to millions worldwide.

Applications

- E2open Global Parcel



About e2open

E2open is the connected supply chain software platform that enables the world's largest companies to transform the way they make, move, and sell goods and services. With the broadest cloud-native global platform purpose-built for modern supply chains, e2open connects more than 480,000 manufacturing, logistics, channel, and distribution partners as one multi-enterprise network tracking over 15 billion transactions annually. Our SaaS platform anticipates disruptions and opportunities to help companies improve efficiency, reduce waste, and operate sustainably. Moving as one.™ Learn More: www.e2open.com

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Timely Delivery

OF VACCINES
TO MINIMIZE
WASTE



Global Reach

WITH VACCINE
DISTRIBUTION



Maintain Efficacy and Compliance

WHILE STORING
AND TRANSPORTING
VACCINES