

# THE REMEDY TO HEALTHCARE LOGISTICS SYMPTOMS

# Healthcare Supply Chain diagnosis

### Challenges

There are a variety of challenges that the healthcare supply chain and its stakeholders face on daily basis.

Both Healthcare and logistics companies need to be aware of all potential problems, and be equipped with the strategies to deal with them to make their supply chain efficient, cost-effective and reliable.

#### **Regulatory requirements**

Healthcare industry is subject to an ever changing and growing set of regulations and compliance requirements that vary between countries and regions. Supply chains need to be able to comply with regulations, without sacrificing efficiency and cost effectiveness, which requires agility to take advantage of regulatory changes.

#### Complications

Healthcare supply chains have tended to become ever more complex with multiple manufacturing facilities, favorable tax regimes, long lead times on biologics, seasonality for vaccines and product launch for generics. This is in part due to initiatives designed to cut costs, address time pressures and comply with regulatory requirements. Over time, this can lead to unnecessarily complex systems that undermine efforts to streamline supply chains and identify areas of improvement.

#### Market dynamics

The industry continues to see an increase in mergers and acquisitions as companies look to boost product pipelines, acquire much needed expertise in areas such as biotechnology, and access new revenue streams such as generics. Merging companies may have very different approaches to supply chain, and these will need to be integrated in the most efficient and least disruptive manner if cost and efficiency savings are to be apprehended.

#### Product sensitivity and value

Pharmaceutical products can be exposed to a wide range of temperature extremes during their journey – these can occur due to a natural disaster, an unexpected shift in weather conditions, or simply too long on the tarmac in the wrong seasont



## Healthcare Supply Chain diagnosis

#### **Counterfeit products**

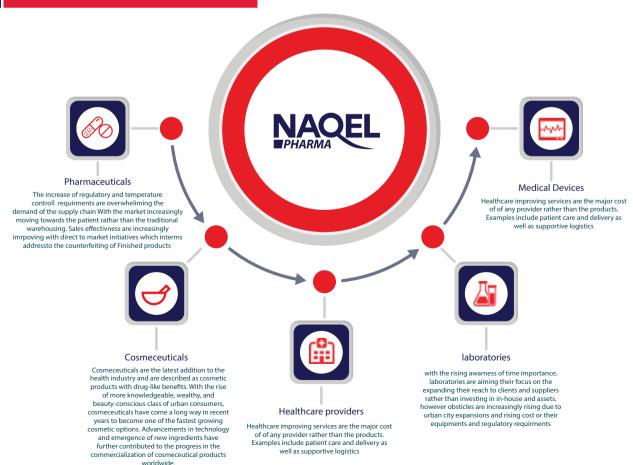
With the growing problem of products counterfeiting, strengthened by the rise of e-commerce. The need to ensure a safe and genuine product has led to a number of companies re-evaluating supply chain processes to prove e-pedigree. In some cases, they are supplying direct to pharmacies or they need to do additional labeling/serialization in order to comply with local regulatory regulations.

#### Inventory visibility

With the high value of the products and complexity of their operations, visibility developments have been slow within healthcare. Companies implementing new technologies have accomplished inventory and cost reductions in both commercial and medical supply chains.



#### **Dynamics**



Naqel Pharma focuses on delivering high quality-driven solutions focusing on every need of the Healthcare industry. Tailored end-to-end SF-DA-GDP compliant services ensuring visibility of the processes.

Nagel Pharma delivers the promise of quality with the assurance of patient care.









# Naqel Pharma Supply Chain Solutions

NAQEL Pharma delivers unrivalled and capable dedicated supply chain solutions to the global healthcare industry.

NAQEL Pharma's widespread experience of supplying logistical solutions to healthcare sector has enabled it to advance specific expertise in: Over the counter Medications, generic and Biopharmaceuticals, Vaccines, blood samples and Medical devices

#### **Global Network and Industry Expertise**

Over 14 regional offices and 170 worldwide expert partner agencies globally, NAQEL is always there to offer a safe guard of solutions to Healthcare companies. NAQEL Pharma ensures global Healthcare of solutions with its extensive experience and international network.





#### **Quality & Regulatory Compliance**

With NAQEL Pharma specialized team, our operations are always up to date with the local and international regulatory regulations. NAQEL Pharma's global network provides highly controlled environments with the assurance of full GxP compliance across the supply chain.

#### **Guaranteed Temperature Maintains**

Covering different temperature zones NAQEL Pharma stores, transports and handles all Healthcare items with guarantee to maintain the precise conditions of the products. It is of NAQELs caution and attentiveness that each product holds its effectiveness and stability through its required storage conditions. of which NAQEL Pharma developed disciplined temperature controlled procedures and SOPs to protect these valuable items; Packaging and shipment preparation areas are within controlled environments





#### Pledged to safety and excellence

NAQEL Pharma ensures the high standards of security, safety and excellence through extensive training and timely monitoring and process improvements to staff and operations. NAQEL Pharma provides consulting on global safety regulations and conducts systematic inspections and process audits of its facilities.

## **Nagel Pharma services and solutions**

Nagel Pharma's end-to-end SFDA compliant supply chain solutions to your operation

### Freight forwarding/Procurement



Global network of offices and agents, up to date on the international regulations, trained to handle Pharma requirements

Shipment consolidation options which reduces cost through route and mode optimization

A wide range of active and passive packaging solutions maintaining the quality of the service level during transport while considering cost, regulations and product stability

### Port Handling & Customs Clearance



NAQEL is the soul company with SFDA compliant temperature controlled "Gateway" dedicated for Medical and Pharmaceutical shipments at various temperature zones

NAQEL is the first licensed company with diverse expertise in clearing

#### **3PL** solutions

#### **NAQEL Pharma Road transportation**

SFDA-GDP compliant

- Track & trace technology
- Temperature-controlled vehicles with validated
- temperature mappings and calibrated TDL

#### **NAQEL** Pharma Warehousing

SFDA certified & GDP compliant with variant temperature zones;

- Ambient (15°C 25°C)
- Chilled (2°C 8°C
- Frozen (-15°C -25°C)

#### **NAQEL Pharma Revers Logistics**

- NAQEL Pharma Medical dedicated fleet
- Following SFDA & GDP procedures

#### Value added solutions



NAQEL Serialization & aggregation Solutions

- NAQEL Packaging Solutions
- NAQEL Fragile supply chain solutions
- NAQEL Multi-market hubs Solutions
- NAQEL Labor management
- NAQEL Logistics consultations

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