



NAFDC's

Track and Trace Implementation

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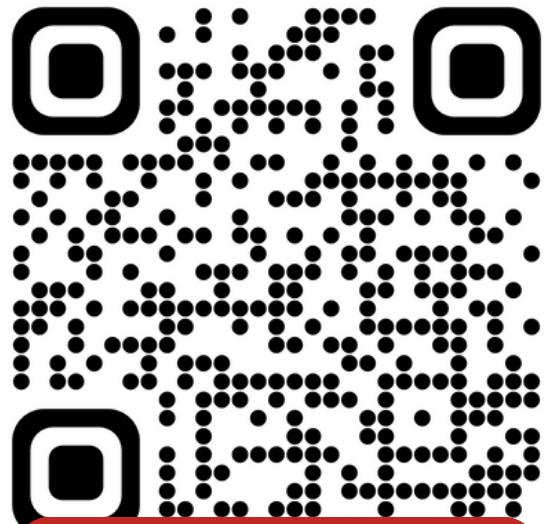


Introduction

The National Agency for Food and Drug Administration and Control (NAFDAC) in Nigeria has spearheaded a groundbreaking initiative to improve drug safety and combat counterfeit medicines through the implementation of a national Track and Trace System for pharmaceuticals. This innovative approach aims to enhance supply chain integrity, protect public health, and boost confidence in the Nigerian pharmaceutical market.



NAFDAC's Track and Trace Initiative



Unique Identification

NAFDAC mandates that each pharmaceutical product be assigned a unique identifier, typically in the form of a 2D barcode.



Data Capture

Information about the product's journey through the supply chain is recorded at various points and reported to NAFDAC.



Central Database

NAFDAC maintains a secure, centralized system to store and manage all tracking data.



Verification Tools

NAFDAC has developed mobile apps and web portals for stakeholders to verify product authenticity.

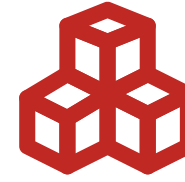


Regulatory Oversight

The system enables NAFDAC to improve its monitoring and enforcement capabilities.

Benefits & Impact

NAFDAC's implementation of traceability system is expected to yield several benefits:



Reduced Counterfeits

By making it harder to introduce fake products into the legitimate supply chain, NAFDAC aims to significantly reduce the prevalence of counterfeit drugs.



Improved Recall Efficiency

NAFDAC can now quickly identify and recall affected products in case of quality issues.



Supply Chain Optimization

Better visibility into inventory levels and product movement can lead to more efficient distribution, supporting NAFDAC's regulatory functions.



Enhanced Consumer Trust

The ability to verify product authenticity can boost public confidence in NAFDAC-regulated pharmaceuticals.

Challenges and NAFDAC's Approach

NAFDAC faces several challenges in implementing this system:

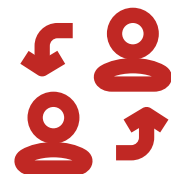
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Infrastructure Requirements

NAFDAC is working with stakeholders to ensure consistent technology access across diverse geographic areas.

02



Stakeholder Adoption

NAFDAC is conducting extensive outreach and education programs to encourage participation from all players in the pharmaceutical supply chain.

03



Cost Implications

NAFDAC is exploring ways to manage the financial burden of system implementation, especially for smaller businesses.

04



Data Privacy and Security

NAFDAC has implemented robust measures to safeguard sensitive information collected through the tracking process.

Conclusion

NAFDAC's Track and Trace System for pharmaceuticals represents a significant stride towards ensuring drug safety and quality in Nigeria. As the system matures under NAFDAC's guidance, it has the potential to serve as a model for other regulatory agencies facing similar challenges in developing countries.

Continued collaboration between NAFDAC, industry stakeholders, and technology providers will be crucial for the long-term success of this initiative and its impact on public health in Nigeria.



Learn more about NAFDC's traceability

Initiative by visiting:

<https://nafdac.gov.ng/traceability/>

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