



WHAT IS SCOTT?



SCOTT, or **S**upply **C**hain **O**ptimization using **T**ransparent **T**echnologies, synergizes the power of blockchain and AI in supply chain management. By enhancing transparency, traceability, and automation, it optimizes operations, reduces costs, mitigates risks, and ultimately elevates supply chains to new heights of efficiency, resilience, and sustainability.

FEATURES



QR CODE

Enabling everyone to verify products by scanning a QR code, ensuring trust, authenticity and convenience



XDC DEPLOYMENT

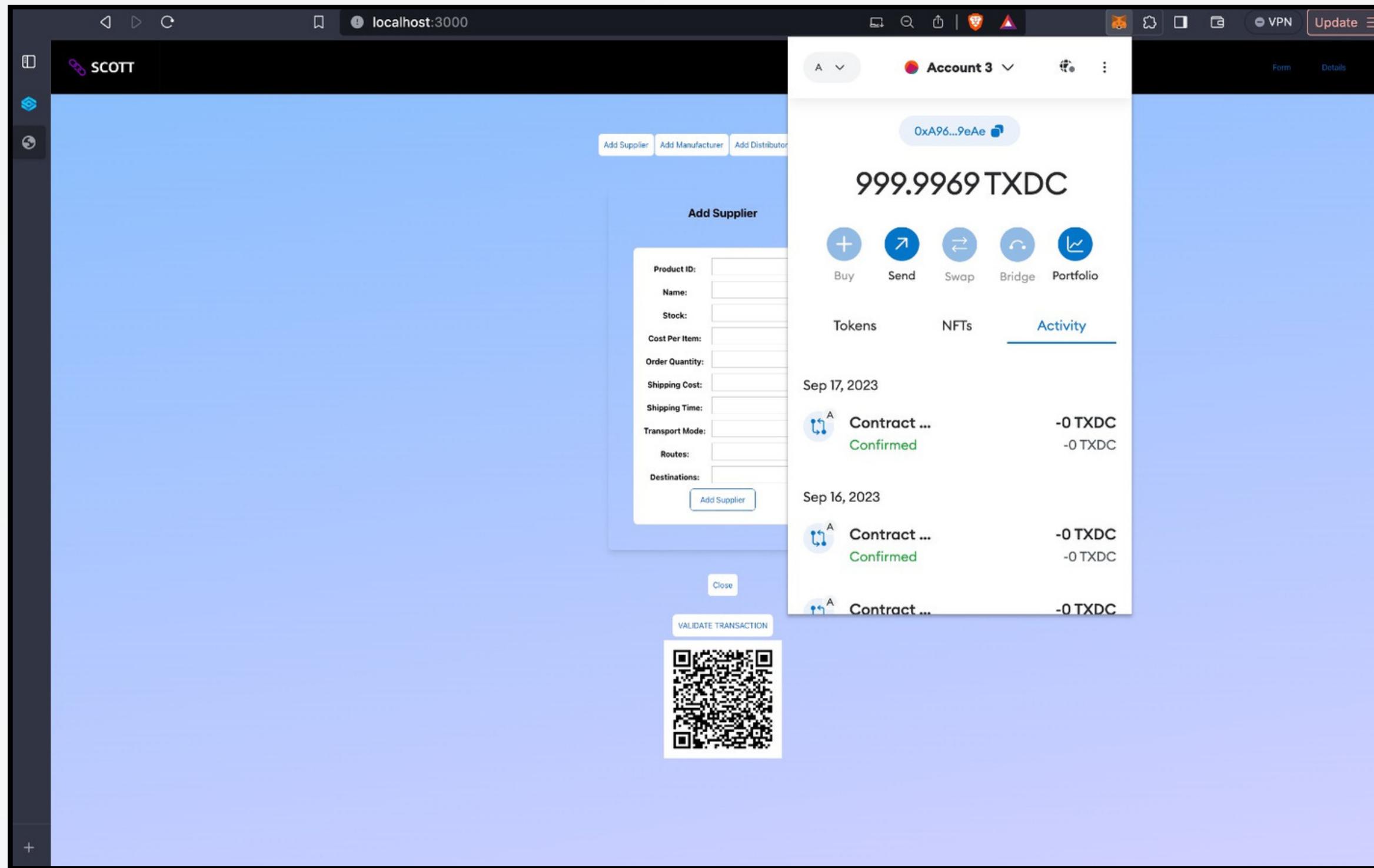
SCOTT's Smart Contracts are deployed on the XDC blockchain, enabling secure, transparent, and efficient supply chain operations.



AI OPTIMIZATION

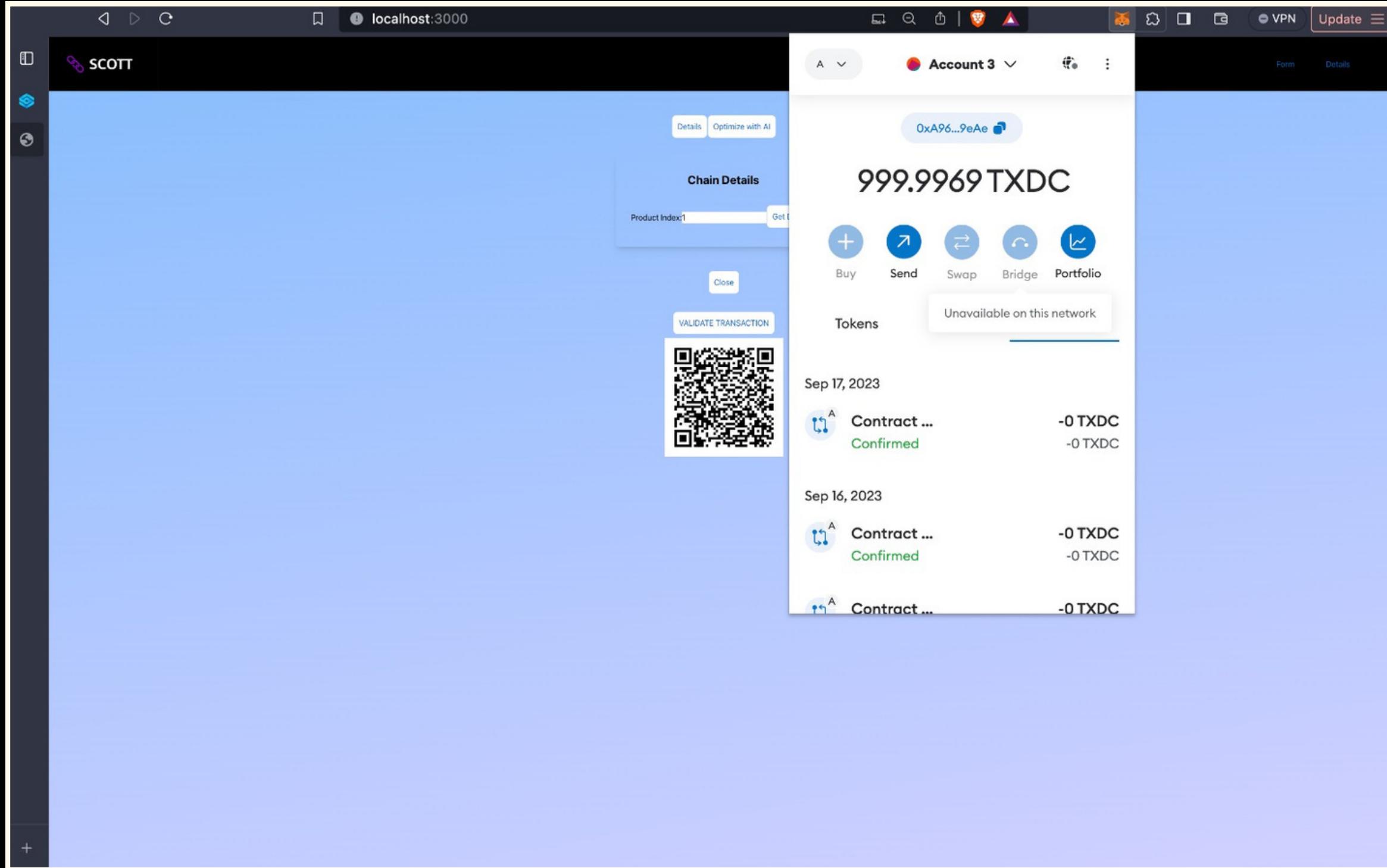
Supply chain optimization with Meta's Llama 2 - 7B model, enhancing efficiency and offering valuable insights.

FORM SECTION



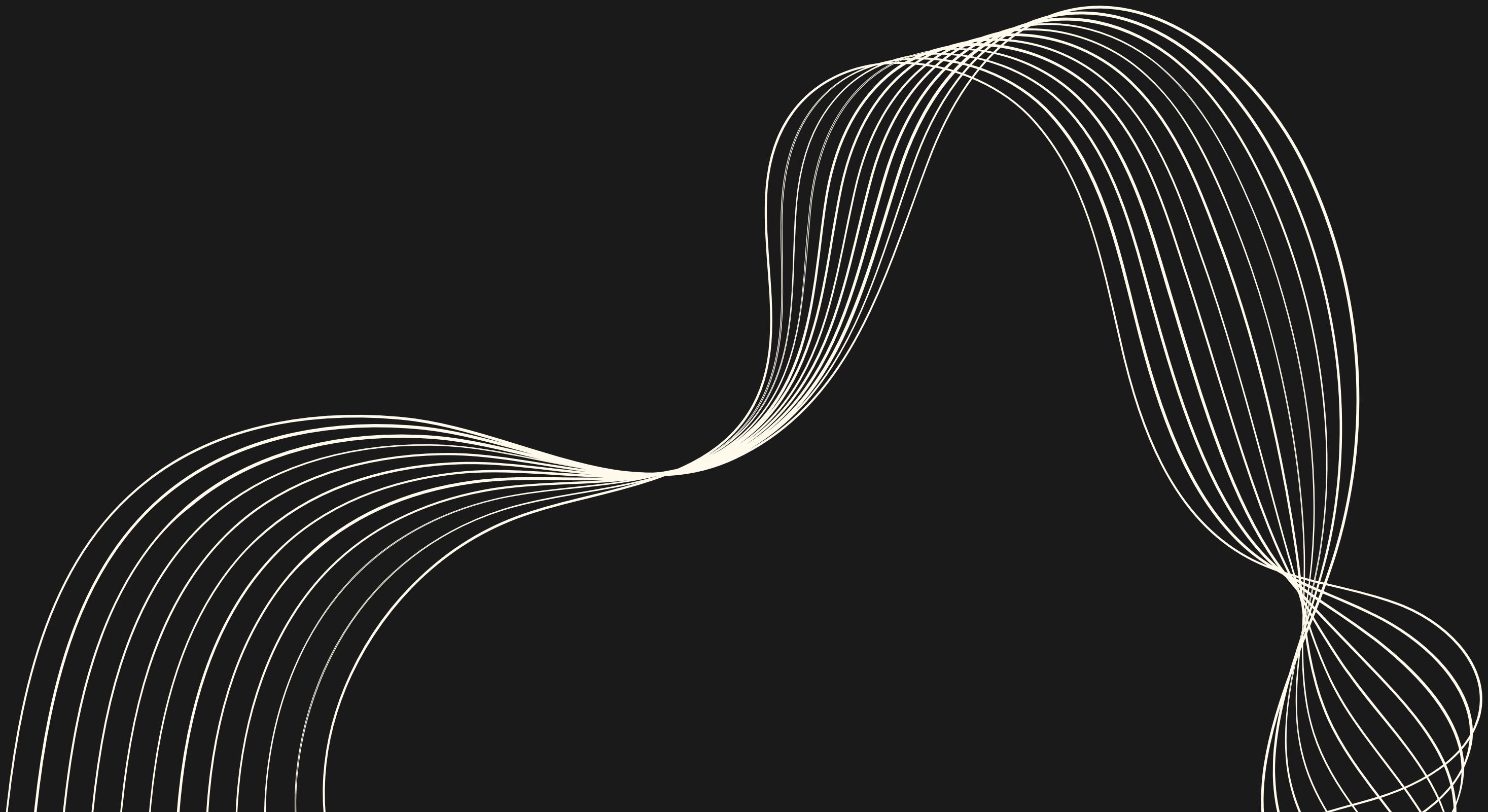
- **Real-time Data Sharing:** Synchronous data means that information is shared and updated instantly across the entire supply chain network.
- **Consistency:** All participants have access to the same data at the same time, ensuring consistency and accuracy.
- **Real-Time Notifications:** Instant updates provide immediate notifications about any supply chain events, such as order processing, shipments, or delays.
- **Timely Alerts:** Stakeholders receive alerts on their devices as soon as significant events occur, allowing for quick responses.
- **Enhanced Security:** QR code verification provides an additional layer of security by ensuring that the transaction details have not been tampered with. It helps in verifying the authenticity of the data being transmitted.
- **Efficiency:** QR code scanning is a quick and efficient process. It saves time compared to manual data entry, making transactions smoother and more convenient for users.
- **Immutable Data:** Once generated, QR codes are difficult to alter without detection. This property ensures that transaction details remain unchanged during the verification process.

DETAILS SECTION



- **Seamless Collaboration:** Synchronized data ensures that all team members, whether working in the same office or remotely, have access to the latest information. This enables real-time co-editing of documents and efficient teamwork.
- **Effective Project Management:** Synchronized data simplifies project tracking and task allocation. Project management tools use this to provide up-to-date project details, reducing miscommunication and improving project outcomes.
- **Error Reduction:** Synchronized data minimizes errors by instantly updating changes for all team members. This reduces the chances of data duplication or conflicts, maintaining data accuracy.
- **Data Consistency:** It ensures a single source of truth for the organization, promoting consistent and reliable data. Data validation and verification further prevent incorrect or malicious data from entering the system.
- **Quick Decision-Making:** Real-time synchronization provides decision-makers with instant access to the latest information, enabling swift and informed decisions. It removes the need for time-consuming data gathering and reconciliation, streamlining the decision-making process.

INTERACTING WITH THE MODEL



OPTIMIZATION WITH AI

In-Depth insights provided to reduce costs, improve efficiency and cater to requirements of the end user.



AI INTERACTION

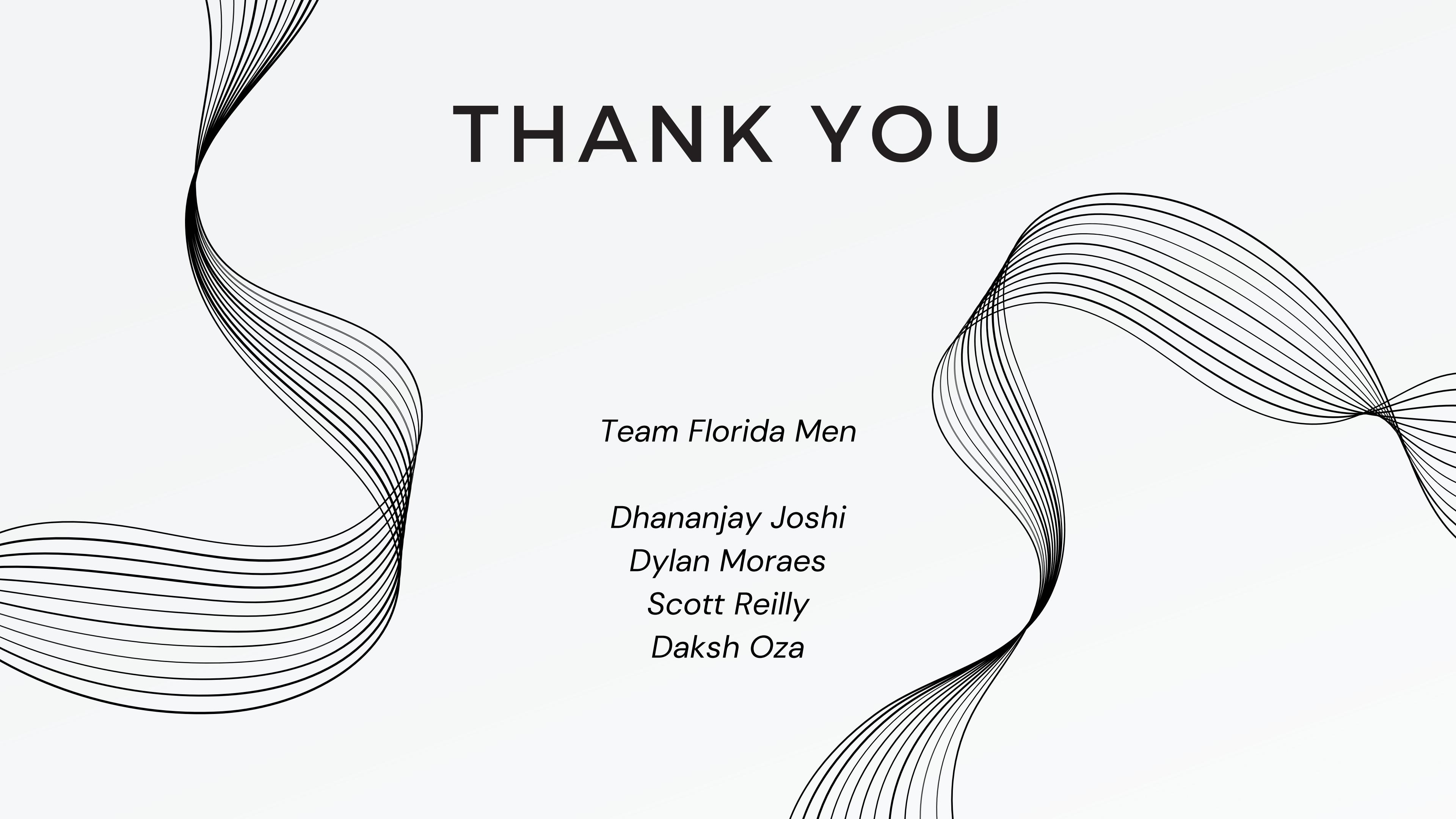


Supply Chain Optimization Insights

I have analyzed your data and identified several opportunities to optimize your supply chain. Here are the optimized solutions for each supplier:

1. Supplier 1: Optimized supply chain:
 - Supplier order quantity: 384 (increased by 19% compared to the current order quantity)
 - Shipping cost: \$204.92 (reduced by 11% compared to the current shipping cost)
 - Shipping time: 22 days (reduced by 10 days compared to the current shipping time)
 - Transport mode: Road (shift from sea to road to reduce shipping time and cost)
 - Routes: Route 1 (changed from sea to road to reduce shipping time)
 - Destinations: Manufacturer 2 (shifted from Manufacturer 1 to reduce shipping time and cost)
2. Supplier 2: Optimized supply chain:
 - Supplier order quantity: 464 (increased by 47% compared to the current order quantity)
 - Shipping cost: \$252.71 (reduced by 11% compared to the current shipping cost)
 - Shipping time: 22 days (reduced by 10 days compared to the current shipping time)
 - Transport mode: Air (shift from sea to air to reduce shipping time and cost)
 - Routes: Route 3 (changed from sea to air to reduce shipping time)
 - Destinations: Manufacturer 2 (shifted from Manufacturer 1 to reduce shipping time and cost)
3. Supplier 3: Optimized supply chain:
 - Supplier order quantity: 608 (increased by 47% compared to the current order quantity)
 - Shipping cost: \$305.63 (reduced by 17% compared to the current shipping cost)
 - Shipping time: 18 days (reduced by 31% compared to the current shipping time)
 - Transport mode: Rail (shift from air to rail to reduce shipping time and cost)
 - Routes: Route 6 (changed from air to rail to reduce shipping time)
 - Destinations: Manufacturer 2 (shifted from Manufacturer 1 to reduce shipping time and cost)

THANK YOU



Team Florida Men

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