Unlocking Sustainable Supply Chains through Scope 3 ID

Abstract

Unlock sustainable futures with Scope 3 ID - Scope 3 intelligent dashboard. Our solution empowers organizations to proactively manage Scope 3 emissions, revolutionizing sustainability efforts. Through seamless data integration, real-time analytics, and tailored user experiences, Scope 3 ID facilitates data-driven decisions for data integrators, supply chain managers, and chief sustainability officers. Currently supports on four critical categories and Tier 1-2 suppliers. Join us in making a significant impact on supplier sustainability.

Introduction

In the ever-evolving landscape of sustainability, chemical organizations face a paramount challenge—managing and reducing environmental impact. Introducing Scope 3 ID - Scope 3 intelligent dashboard, a revolutionary solution crafted by Tech Mahindra. We understand that achieving sustainability demands a holistic approach, including the comprehensive management of Scope 3 emissions stemming from your chemical organization's value chain. Scope 3 ID is your guide in navigating this intricate terrain.

Our dashboard is tailored to address the unique needs of three critical personas:

Data Integrators: The foundation of your sustainability journey, responsible for sourcing data from suppliers.

Supply Chain Managers: Empowered to optimize supply chain sustainability by tracking emissions related to transportation and distribution.

Chief Sustainability Officers: Equipped with a panoramic view of your organization's Scope 3 emissions, enabling strategic decisions to meet sustainability goals.
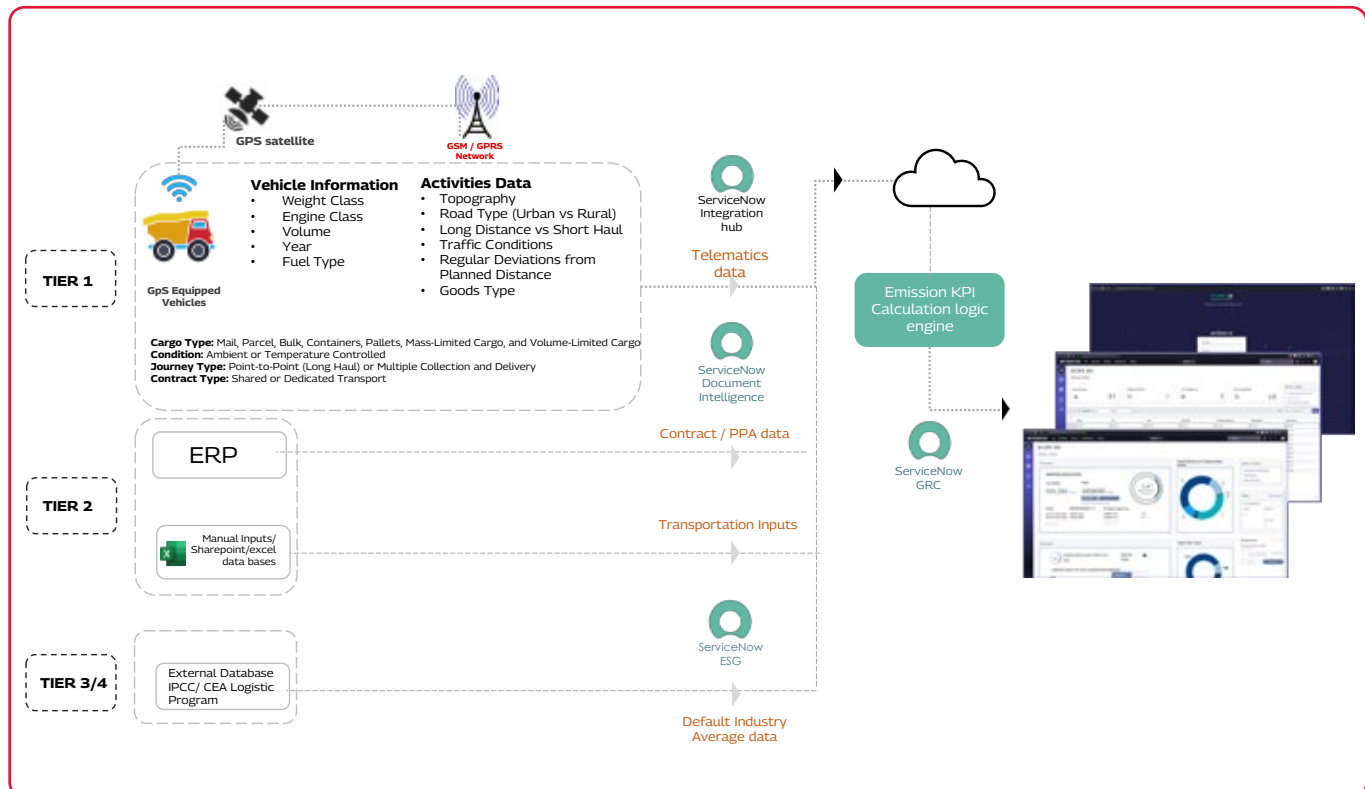
Our Solution

At the heart of Scope 3 ID lies a sophisticated yet user-friendly platform. Seamlessly integrated with ServiceNow, it ensures a smooth data flow from suppliers to the dashboard, providing real-time insights into your emissions profile. It simplifies complexity and makes data-driven sustainability attainable for organizations of all sizes.

Scope 3 ID's currently supports emissions accounting for four pivotal Scope 3 categories, including upstream and downstream transportation, business travel, and employee commuting. Our focus on Tier 1-2 suppliers lays a solid foundation for emission accounting and reduction strategies.

Data Collection Workflow/ Functional Architecture

GPS satellite

GSM / GPRS Network

Vehicle Information
- Weight Class
- Engine Class
- Volume
- Year
- Fuel Type

Activities Data
- Topography
- Road Type (Urban vs Rural)
- Long Distance vs Short Haul
- Traffic Conditions
- Regular Deviations from Planned Distance
- Goods Type

GpS Equipped Vehicles

Cargo Type: Mail, Parcel, Bulk, Containers, Pallets, Mass-Limited Cargo, and Volume-Limited Cargo
Condition: Ambient or Temperature Controlled
Journey Type: Point-to-Point (Long Haul) or Multiple Collection and Delivery
Contract Type: Shared or Dedicated Transport

TIER 1

TIER 2

TIER 3/4

ERP

Manual Inputs/ Sharepoint/excel data bases

External Database IPCC/ CEA Logistic Program

ServiceNow Integration hub

Telematics data

ServiceNow Document Intelligence

Contract / PPA data

Transportation Inputs

ServiceNow ESG

Default Industry Average data

Emission KPI Calculation logic engine

ServiceNow GRC

Business Benefits

Embrace Scope 3 ID, and you'll unlock a multitude of benefits. Reduce carbon footprints, cut costs, and align with global sustainability objectives. By seamlessly integrating emissions data, our dashboard empowers you to:

Make Informed Decisions

Harness the power of data-driven insights to steer your sustainability strategies.

Optimize Supply Chains

Trim emissions linked to transportation and distribution, streamlining your supply chain.

Enhance Accountability

Encourage sustainable commuting practices and reduce business travel emissions.

Meet Sustainability Goals

Empower chief sustainability officers to steer your organization towards a greener future.

Scope 3 ID is a commitment to a sustainable future, enabling organizations to align environmental responsibility with business success.

Tech Mahindra NXT.NOWTM Advantages

As we embrace the sustainable revolution, Scope 3 ID - Scope 3 intelligent dashboard stands as the beacon guiding chemical organizations toward environmental stewardship. What sets Tech Mahindra apart as the ideal solution partner are our distinct differentiators, carefully crafted to address your unique needs.

Tailored Excellence: At Tech Mahindra, we understand that one size doesn't fit all. Scope 3 ID is tailored for data integrators, supply chain managers, and chief sustainability officers, ensuring it's as unique as your organization's needs.

Innovative Edge: Our solution goes beyond conventional approaches. It doesn't just track emissions; it empowers proactive decision-making through real-time data insights, making sustainability strategies truly effective.

Expertise and Support: With Tech Mahindra, you're not just adopting a product; you're gaining a partner. Our dedicated experts provide unparalleled support, ensuring that every step toward a greener future is well-guided and supported.

Global Sustainability Alignment: Scope 3 ID is not just a tool; it's a commitment to global sustainability objectives. By choosing us, you align your organization with international standards and goals, positioning yourself as a leader in environmental responsibility.

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