SIMBA®

Proven Military-Grade Track, Trace and Digital Passport Technology

NAATBatt Member Update Presentation

Dr. Ian Taylor

NAATBatt INTERNATIONAL

February 18, 2025

SIMBA®

- SIMBA is the most trusted name in blockchain in the DoD, being recognized by Bloomberg as the ***largest supplier of blockchain technology in the US Federal government.***
- We have provided blockchain technology for ***DARPA, DLA, Air Force, Navy, Army, Space Force, and DOE***, centered around supply chain traceability and transparency.
- SIMBA delivers this battle tested environment to the enterprise.
- SIMBA is the ***intelligent***, ***complete end to end compliance*** and ***traceability software solution.***

U.S. Department of Defense

NAVY

U.S. ARMY

U.S. AIR FORCE

SPACE FORCE

DEPARTMENT OF ENERGY

SIMBA- Team at NAATBatt

Ian Taylor
Co-Founder and CEO

Ken Daly
Sales Director

Lauren Roman
Battery Traceability &
Compliance Consultant

Wes McVay
Strategic Advisor

Come meet us at hall booth 34!

Data Collection Flow

Collect

- Event driven **integration** with internal/ external sources
- **Interfaces for external partners** such as suppliers and logistics
- Data encryption and integrity

SIMBA Build

Secure

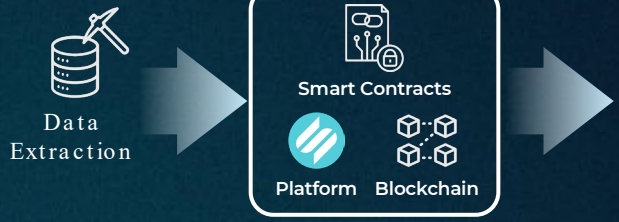
- Data encryption and integrity
- Non Changeable **blockchain** secures data
- **Decentralized** data **permissioning layer**

SIMBA Ensure

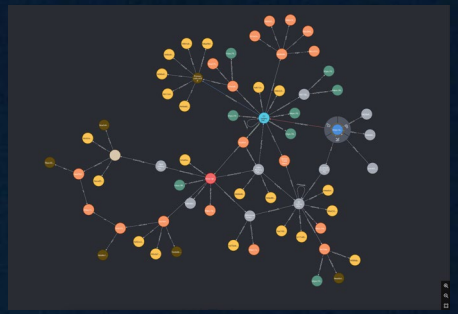
Interact

- Comply with **regulations and standards**
- Graph RAG AI User Interface
- A **queryable graph** that meets any actionable insight or compliance

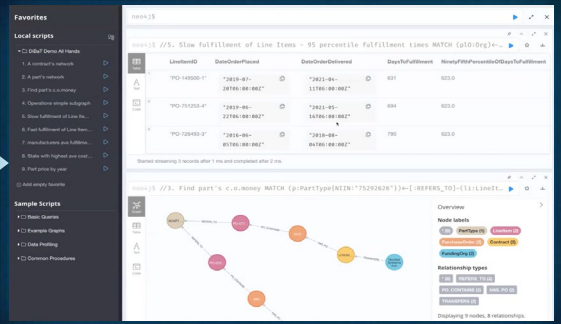
SIMBA Insights



Zero Trust secure data connectivity

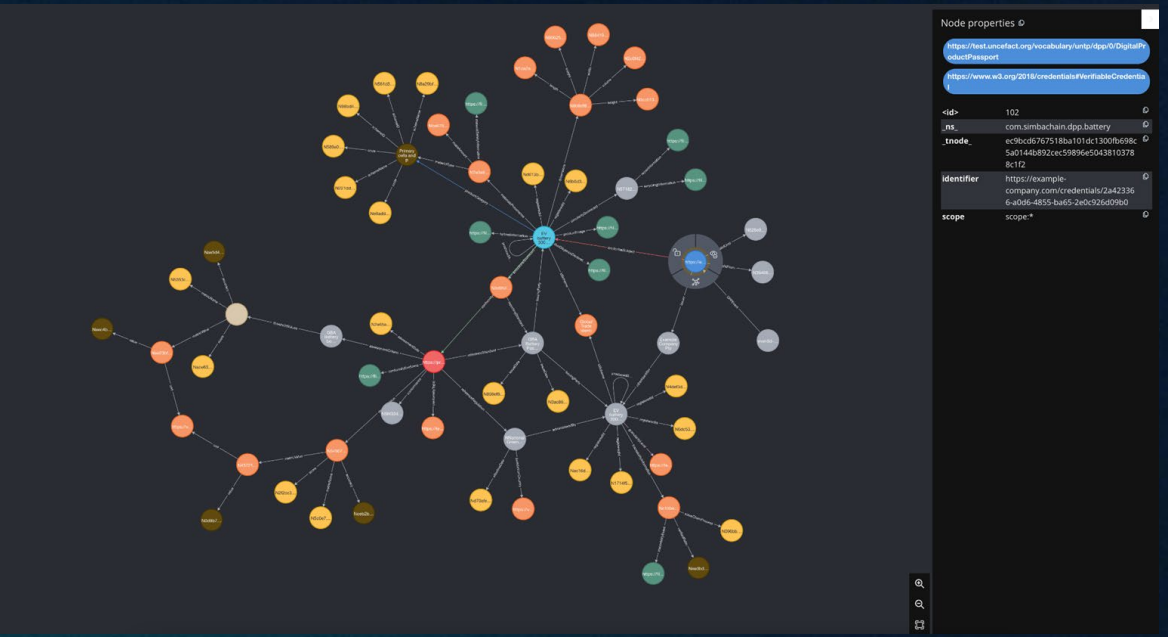


Data becomes a fully connected graph



Queries ask questions on connected data

Query



Battery Passport

Render Close ×

ID: 095201234567888 Batch: 2024Q1-001
Serial: 0001

High-performance automotive-grade lithium-ion battery pack designed for electric vehicles. Manufactured with responsibly sourced materials and a 95% recyclability rate, it reduces lifecycle emissions through eco-friendly production and verified recycling programs.

Characteristics

batteryStatus	new
batteryCellType	Prismatic
numberOfCells	180
totalEnergy	100kwh

Circularity Scorecard

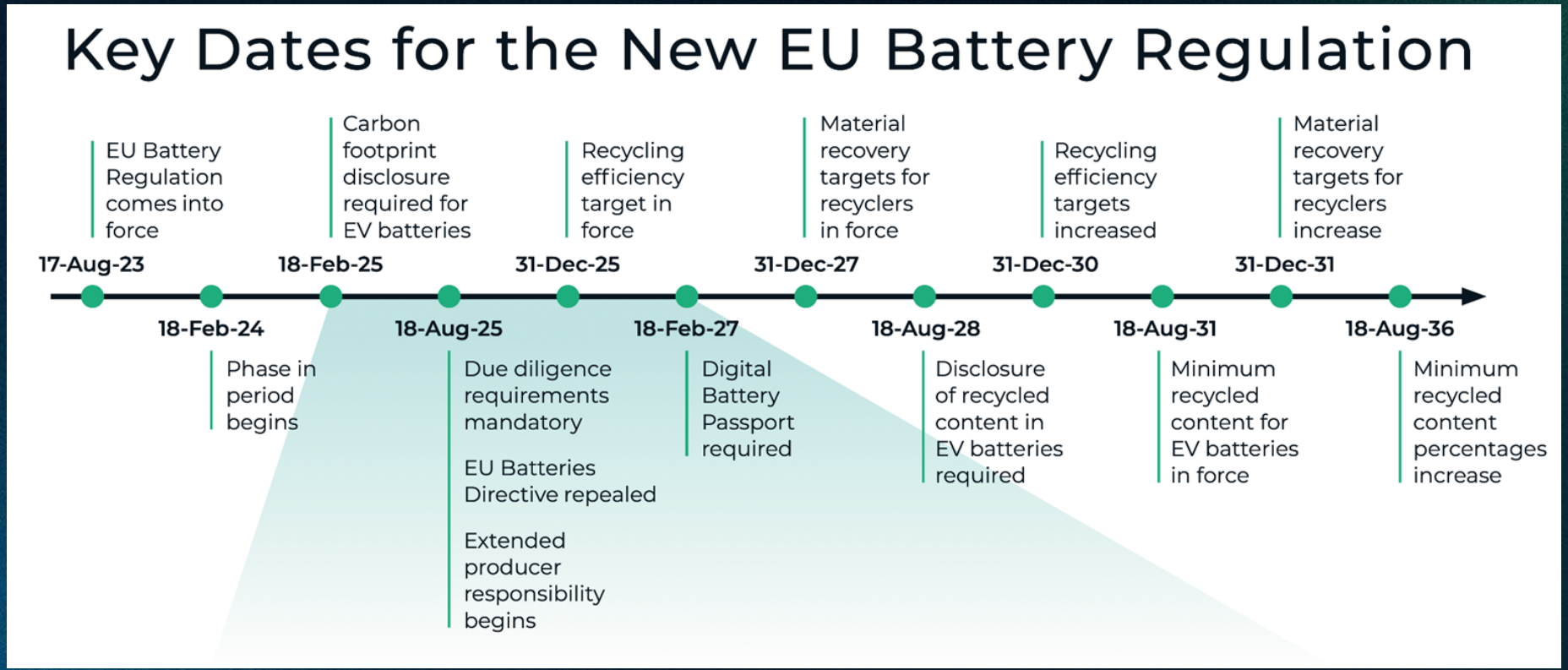
The circularity Scorecard provides a simple high level summary of circularity performance of the product.

0.95% Recyclable content	**0.3%** Recycled content
1.2 Utility factor	**0.85** Material circularity*

*The Material Circularity Indicator provides an overall circularity score which is a function of all three of the earlier measures.

Recycling instructions ›
Repair instructions ›

2027 Countdown



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SIMBA®

Website

Come meet us at hall booth 34!

Demos

Battery Passport Web Demo

Graph RAG Demo

SIMBA Ensure Demo

Awards

SBIR · STTR
America's Seed Fund™
POWERED BY SBA
TIBBETTS AWARD WINNER

AMO
ADVANCED MANUFACTURING OLYMPICS
GOLD MEDAL WINNER

TECHPOINT MIRA AWARDS
BEST OF TECH
WINNER 2019

TC DISRUPT
TOP PICK