



01 // The Problem

Global supply chains have a blind spot inside the seal. Serialization and surface markers verify only verify packaging, not what's inside.

This unseen gap drives **\$200 B+ in annual counterfeit and compliance losses** across pharmaceuticals, medtech, and global trade.

Regulators are closing in: DSCSA (US 2024) and EU FMD / UDI mandates now require content-level traceability.

The market is demanding a solution, and **XR Vision™ delivers it first.**

02 // The Solution

XR Vision™ combines X-ray with radiologist-trained AI to verify sealed products instantly and non-destructively. It authenticates completeness, configuration, and integrity at line speed, logging every scan to a tamper-proof compliance record.

Key Differentiators:

- **Radiologist-Trained AI:** Interprets internal geometry and material signatures
- **No Rip/Replace:** Works with existing scanners and serialization systems
- **Data Moat:** Each scan compounds proprietary labeled image libraries
- **Marker IP:** Radiographic inks or additional security layer



03 // Market & Timing

- **TAM:** \$45 B+ authentication & verification markets (Pharma, MedTech, Customs)
- **SAM:** \$6 B+ immediate opportunity within DSCSA/FMD-regulated categories
- **SOM:** \$130 M ARR achievable with <1% penetration in 4–5 years
- **Adjacent Expansion:** Luxury goods, defense, aerospace, food safety (\$120 B+)

2024–25 = The Compliance Cliff: Companies that can't verify contents lose market access.

04 // Revenue Model

SaaS & Data Licensing: Recurring, compounding ARR as every scan grows dataset value.

- **Annual SaaS licenses** per facility (platform + AI)
- **Per-scan data licensing** to regulators, insurers, and risk-analytics networks

05 // Investor ROI

- < 12 months to paid pilots → proof of revenue
- Sticky SaaS + data resale → scalable ARR
- \$1 B+ exit value potential

XR Vision™ is the first platform turning sealed-package compliance into recurring data revenue.

06 // Contact

Travis Meyer, MD | Tmeyer@mineralcityai.com
Chandana Kurra, MD | Ckurra@mineralcityai.com
www.mineralcityai.com

