



Visia is the e-scrap industry's only platform capable of giving facilities complete and accurate visibility into their inbound material, preventing **battery fires** & providing real-time **composition data** for enhanced operations.

Concept

- The volume and complexity of electronic waste is increasing at a rapid pace, making opacity a foundational issue for waste processors
- We've created the first platform for complete and accurate visibility into inbound material streams, even through layers of deep material
- With the rise of battery fires, we can detect these hazards at the point of intake, resulting in more batteries re-entering the supply chain and safer recycling operations

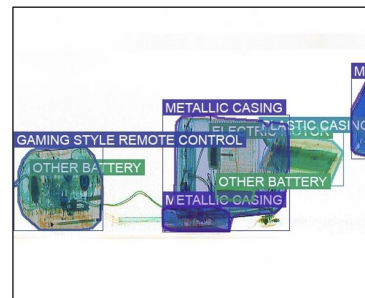
Case Study

Ryan Morton

Director of Operations 

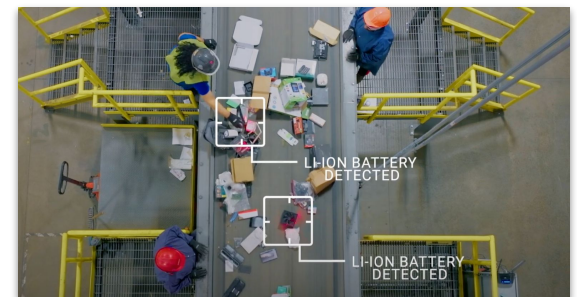
Approach

- We install a combination of X-rays and cameras at E-scrap facilities, powered by a proprietary AI platform
- Operators are then notified of composition changes within their material stream, including the presence of prohibited items like batteries
- Laser pointer and e-stop integrations allow for removal of hazards before they cause damage



Impact

- **Safety:** Reduction in thermal events, preventing damage and preserving worker safety
- **Material Traceability:** Composition data to strengthen EPR programs and facilitate accurate compliance processes
- **Critical Materials Recovery:** Maximization of batteries that get properly recycled



“We couldn't be happier with the Visia AI platform. We've seen a **3x productivity increase** in our sorting department, and have had **zero thermal events** thermal events since.”