

## Crestron Circularity System Proposal

### Project Objectives

Crestron and its customers are increasingly subject to national and international regulations requiring product-level circularity metrics, which are not currently captured through formal tracking systems. The objective of this engagement was to determine how Crestron can measure and capture circularity metrics beginning from the product design phase to improve data quality, lifecycle visibility, reporting accuracy, and overall circularity performance.

### Methodologies

**Data Gap Assessment:** Evaluated current data management practices to identify what was effective and to identify gaps in measuring sustainability performance and circularity.

**Competitor Benchmarking:** Researched how Crestron's sustainability initiatives compare to top competitors, with an emphasis on implementing and measuring circularity efforts.

**Stakeholder interviews:** Interviewed employees across departments to find pain points and opportunities in current data sharing processes.

### Main Findings

We developed a SKU-level circular design scoring framework with a progress tracking dashboard, supported by governance and data standardization. We advised the tracking of key new product attributes based on ISO 59020 standards that inform reporting to evolving international regulations as well as customer requests for information.

#### Recommendations and Deliverables:

1. Data Standardization & ISO Reference
2. Product Scoring Rubric & Reporting Dashboard
3. Updated Governance Processes

### Next Steps for Crestron

Crestron should add circularity attributes to the current data systems, begin collecting new data from suppliers and internal departments, use the rubric and data to pilot product ranking in select categories, and scale scoring across all categories using improved governance processes to maintain the system.