



2026 | CASE STUDY | NETWORK SCIENCE

# ZERO COST MANUFACTURING TRANSFORMATION

## Overview

1.

A major manufacturing company eliminated inefficiencies, cut energy waste, and resolved quality control issues – all with zero upfront cost. Network Science absorbed all consulting and tech integration costs under its Zero Cost Transformation (ZCT) model, recovering fees through a 50% gain-sharing agreement on realized savings

## Solutions & Strategy

2.

Transformed traditional manufacturing processes through AI-driven automation, connected systems, and data-powered decision-making, creating a more efficient, sustainable, and resilient operation.

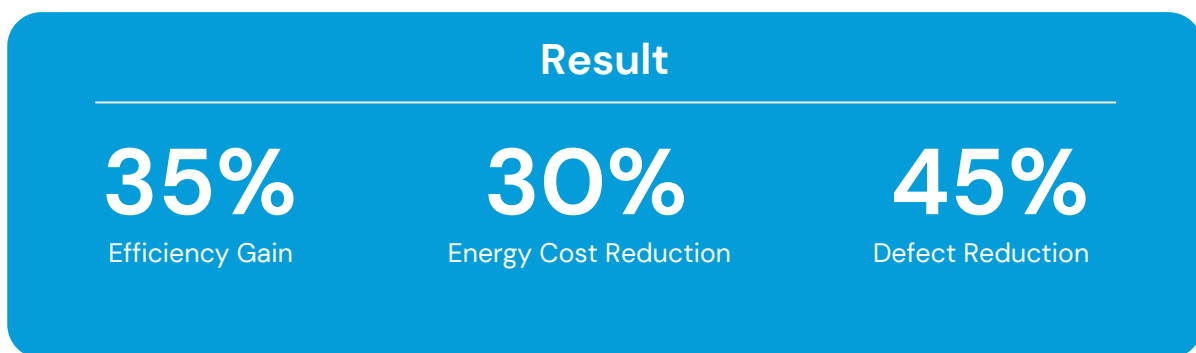
### Solution

- Intelligent Production Automation
- IoT Energy Optimization
- AI-Driven Defect Detection
- Digital Workforce Enablement



4.

- Operational efficiency improved by 35%.
- Energy costs reduced by 30%.
- Manufacturing defects dropped by 45%.
- Employees reported higher job satisfaction and greater technical engagement.
- Carbon footprint significantly reduced, advancing sustainability goals.



*The ZCT model created a scalable blueprint for operational transformation, driving measurable gains in efficiency, quality, and sustainability without upfront investment.*

