

CASE OVERVIEW

How STATXO Built One Trusted Item Master and Lifted Data Quality by 95%

A global industrial automation company, spending over €2 billion a year across 100+ brands, had no single trusted view of its parts. STATXO's Part Classifier gave engineering and procurement one AI-classified Item Master, built to detect duplicates that codes and descriptions alone could never catch.

Industry: Manufacturing & Industrial Automation

Portfolio: 100+ Brands

Expenditure: €2Bn+

SKUs: 5,500+

OBJECTIVE

Establish a single, trusted Item Master and a standardized global process for creating and managing parts across every entity.

SCOPE

A three-phase engagement spanning data assessment, cleansing, and global Item Master governance, powered by Part Classifier.

ENGAGEMENT SNAPSHOT



Procurement & Engineering
Primary users

Part Classifier
Core intelligence layer



95%

Data quality improvement achieved



100+

Brands unified under one Item Master



€2Bn+

Spend under improved data governance

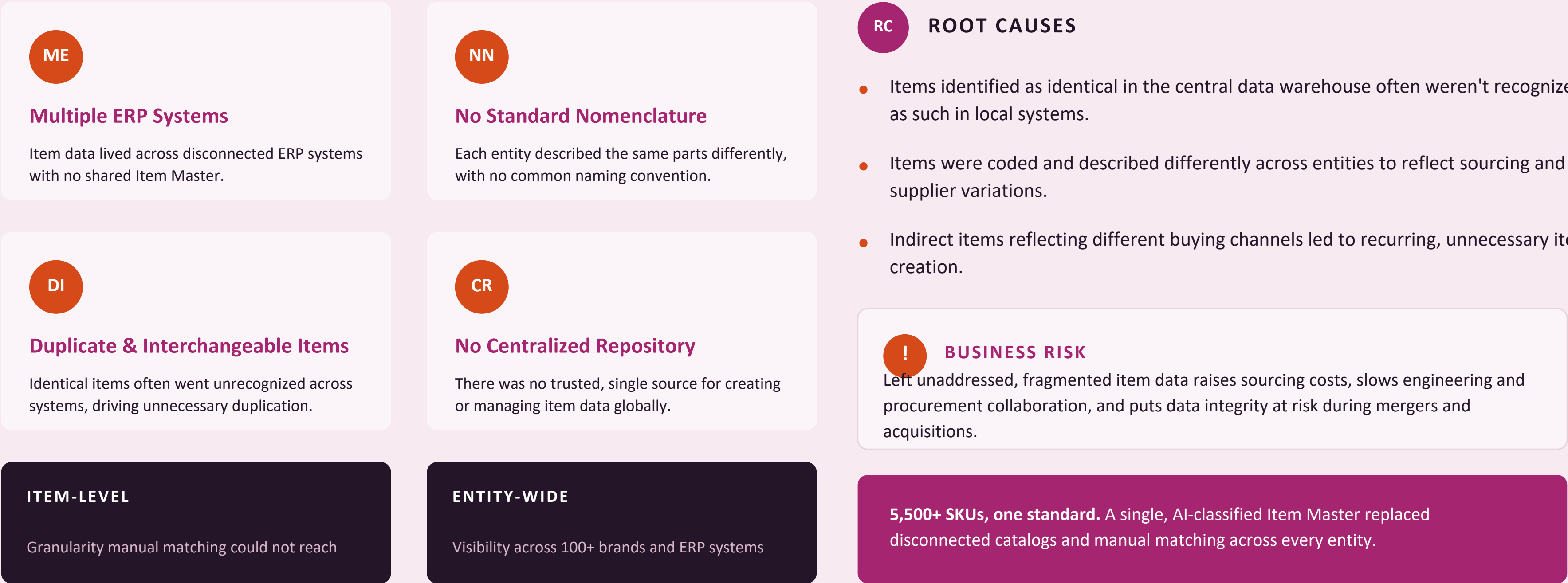


5,500+

SKUs standardized and classified

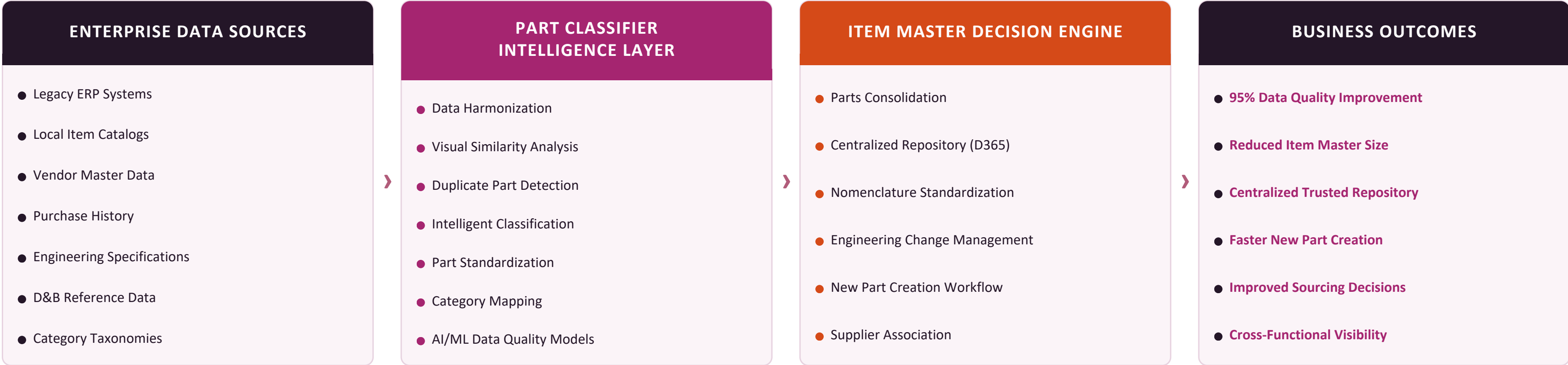
Item Data Was Fragmented Across Every System That Touched It

Individually, each gap looked manageable. Together, they shaped how 100+ brands created, described, and sourced the same parts differently.



How STATXO Turned Fragmented Item Data into a Trusted Global Master

STATXO's Part Classifier became the intelligence layer behind the transformation, using visual similarity analysis and AI-powered classification to identify duplicate and interchangeable parts that codes and descriptions alone could never detect.

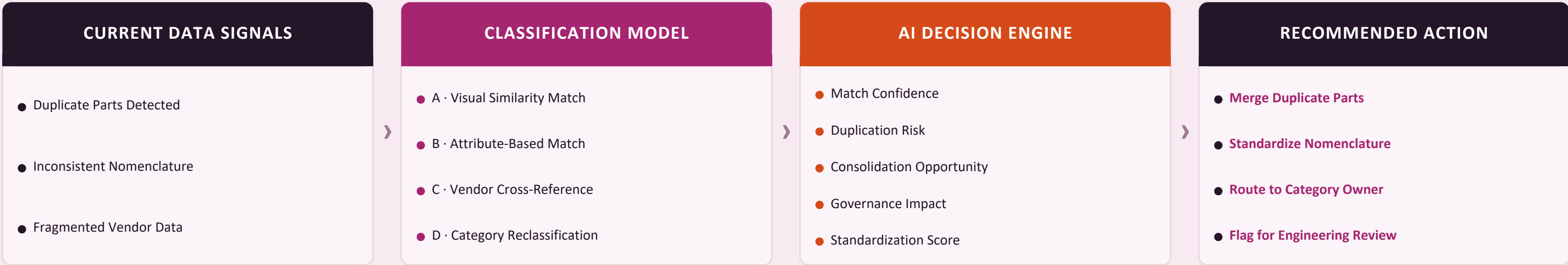


WHAT CHANGED Engineering and procurement moved from disconnected catalogs and manual, code-based matching to one governed Item Master, where Part Classifier flags duplicates, standardizes nomenclature, and routes every new part request through a single, trusted process.



Decision Intelligence That Guided Every Item Master Decision

Every new part request and every legacy record moved through the same classification and governance process, rather than being matched by hand.



BUSINESS DECISIONS ENABLED BY STATXO

BUSINESS QUESTION

- Which items are true duplicates across entities?
- Which parts can be consolidated into one record?
- Which items lack standard nomenclature?
- How should a new part request be classified?
- Which vendors supply overlapping parts?
- Where should governance focus first?

STATXO RECOMMENDATION

- AI-powered visual similarity and attribute matching with confidence scoring
- Cross-entity duplicate detection with consolidation recommendations
- Automated nomenclature and category standardization
- Intelligent classification against the existing Item Master before creation
- Supplier intelligence linked to part-level data
- Priority-based recommendations ranked by data quality impact



The Outcomes Procurement, Engineering, and Data Governance All Point To

95%

Data quality improvement

Reduced

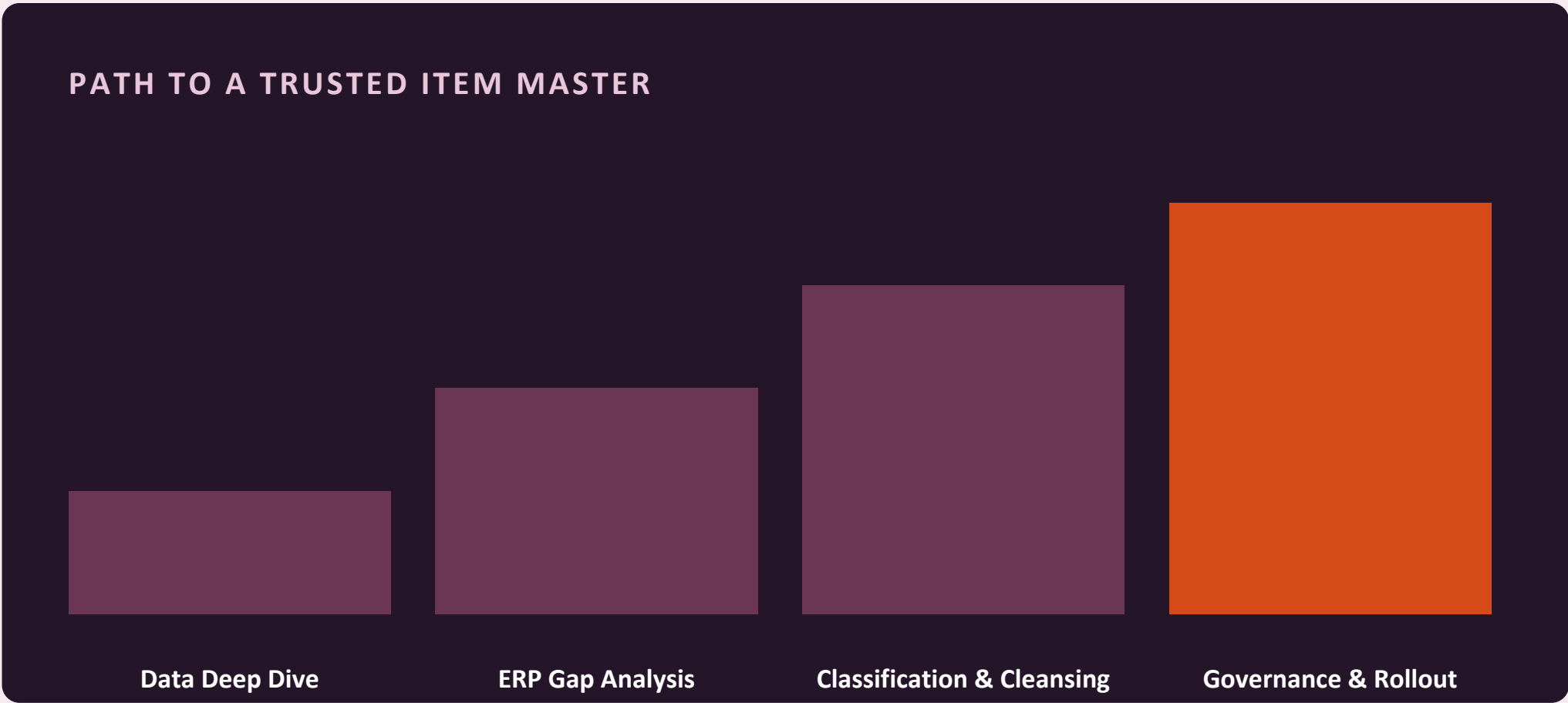
Item Master size, duplicates eliminated

100+

Brands under one item standard

5,500+

SKUs classified and standardized



BEFORE VS. AFTER		
Item creation	Ad hoc, duplicated	→ Governed, single process
Nomenclature	Inconsistent by entity	→ Standardized globally
Duplicate detection	Manual, code-based	→ AI visual & attribute match
Data quality	Fragmented, untrusted	→ ~95% improved

Every improvement above keeps compounding: Part Classifier keeps flagging duplicates and quality gaps as new items enter the Item Master.

The Team Closest to the Problem, on What Changed

“

STATXO's team helped us achieve significant improvement in item management, reducing the Item Master size, and boosting data quality by 95%. This has led to improved data transparency, better analytics insights, streamlined operations, and enhanced our overall business efficiency.

— VP, Procurement

ENGAGEMENT TYPE

Item Master Data Management, powered by Part Classifier

FUNCTIONS INVOLVED

Procurement · Engineering · Data Governance

INDUSTRY CONTEXT

Manufacturing & Industrial Automation, Global

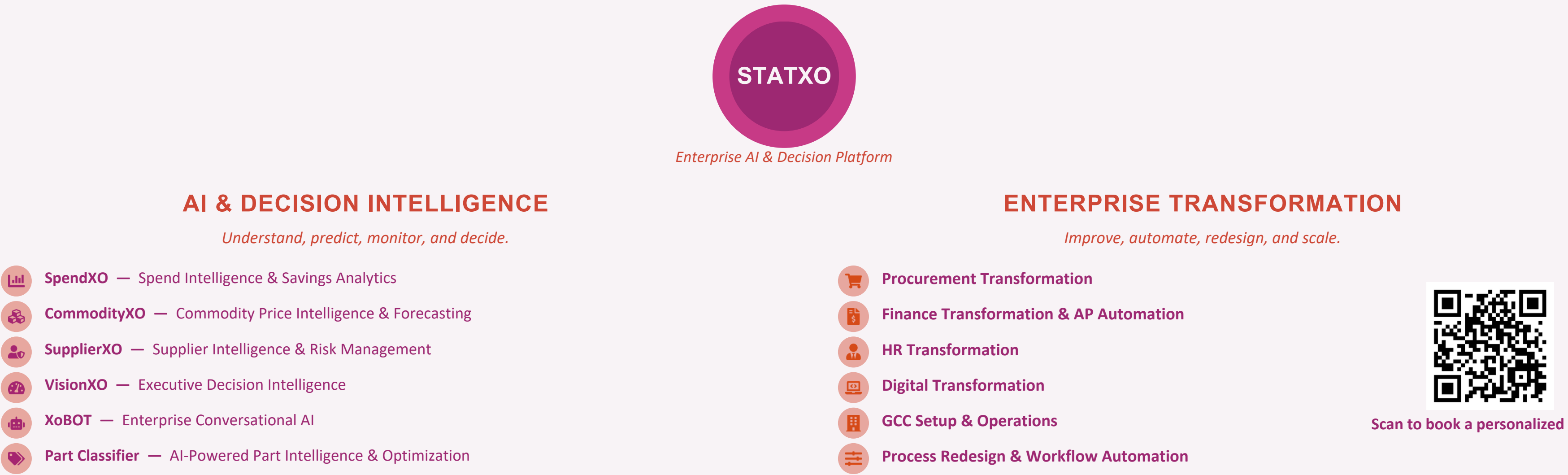


WHY IT SUCCEEDED

A single, AI-classified Item Master that gave procurement and engineering one trusted view of every part.

Explore the Complete STATXO Intelligence Ecosystem

AI-powered products and enterprise transformation solutions designed to help organizations understand, predict, optimize, and transform business decisions at scale.



Ready to Solve Your Next Business Challenge?

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