

80% time reduction by AI-driven Product Taxonomy

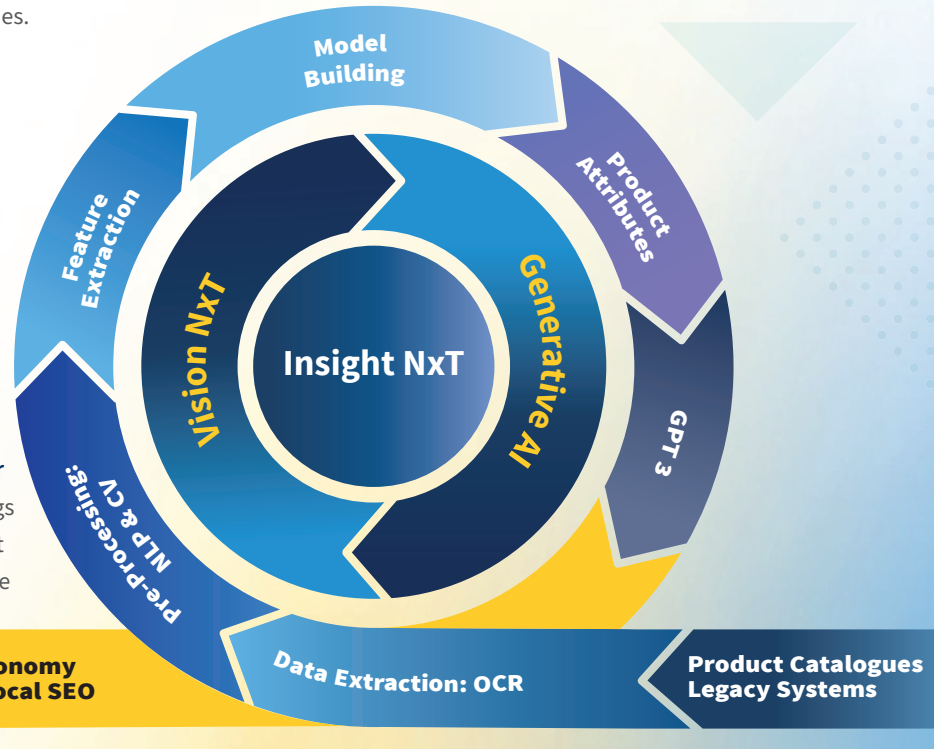
A global leader in the design and manufacturing of engineering products is transforming the e-commerce business for their irrigation unit using intelligent product taxonomy.

The customer currently has their product details in multiple formats in siloed legacy systems and catalogues.

Developing taxonomy from these unstructured data manually requires humungous efforts and leads to a high turnaround time.

LTIMindtree developed an AI Engine-driven taxonomy solution leveraging the pre-built foundational capabilities of our Insight NxT platform, including computer vision, Generative AI, etc. Our platform eventually reduced time-to-market and the cost of maintenance for the customer.

Our custom generative AI-based model makes automated decisions and intelligently organizes their E-Commerce products into appropriate categories, tags and attributes, thus helping potential buyers find exact or related products with fewer clicks and enhancing the overall customer experience.



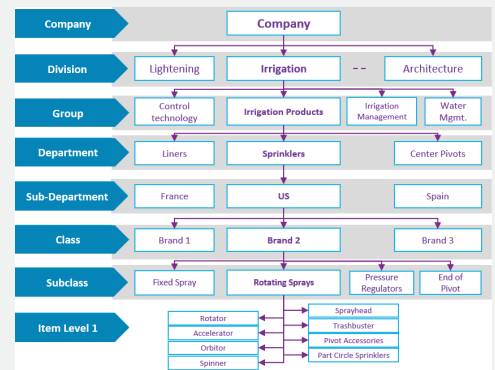
Complexity

- 13000+ SKUs
- 100+ Catalogues per SKU
- 30-50+ attributes per product
- 8 levels of hierarchical structure
- Geo and business-level classification
- Multilingual capability
- Multi-region deployment



Solution Features

- Generative AI-based taxonomy creation
- Dynamic remodeling
- Statistical clustering
- Enterprise integration
- Omnichannel Hierarchy mapping with supply chain



Business Benefits

<p>Data extraction time got reduced from 60 hours to 6 minutes per catalogue</p>	<p>Automated mapping reduced resource utilization by 80%</p>	<p>Better sales conversion and reduced bounce rate</p>
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About LTIMindtree

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 84,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit <https://www.ltimindtree.com/>