2025 User Conference
PLM Journey and Transformation

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CPG Industries transforming continuously, Today the industry is re-aligning the strategies with the latest technologies assuring the profitability
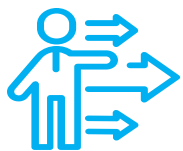
Private Label products are growing
- *Brand Management*
- *Monetize Loyalty*

SKU rationalization
- *Profitable SKUs*
- *Reduce SKU Maintenance*
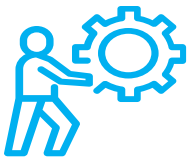
Unified Shopping Experience
- *Omni Channel Strategy*
- *Demand Generation*
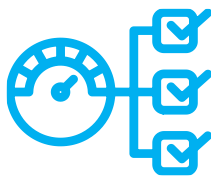
Cost takeout Investments
- *Use of analytics*
- *Leverage AI*

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CONFIDENTIAL

R&D and Product Development are Central for CPG companies.

Regulatory Landscape

OEM LANDSCAPE

Pre-Feasibility → Feasibility

Marketing

R&D/ Product Development

Sourcing & Procurement

Development Stages

Post Launch

PLM

Launch ← Prelaunch

Source/Potential Origin

Tier 1 Supplier/s

Processing/ Blending/ Pre-Production

Production/Contract Manufacturing

Finished Goods Packaging

Finished Goods Warehouse

Retail

Consumers

Post Use

Line of Logistics

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Product Lifecycle Management (PLM) market drivers and trends – Where Trace One brings value

PLM Market Drivers & Trends

Based on Engagements and Voice of Clients

Shift
01 **Shift** from conventional PLM to Digital PLM for Digital Transformation enables the **collaboration**

> Improved product visibility/Accuracy

Regulatory/Sustainability
03 **Regulatory compliance**, product traceability for design and development of **sustainable** and ethical products

> Brand image/Commitment

Nimble through Digital Thread
05 Need for **Digitalization** that allows secured continuous engineering and analytics enabled, use of best digital capabilities, prevents **supply chain** issues

> Faster development/Traceability

Personalization
PLM transformation for product **Personalization** and increase in product variety with reduced order to delivery time **02**

> Reduce order to delivery lead time

Innovation
Innovation agility through Model-based Definitions and enriched product model **04**

> Faster delivery of product variant

Time to Market
Reduced **Time to Market** by improved commercialization process, Tech transfer visualized process between disciplines **06**

> Product commercialization/Faster product launch

S P R I N T

Benefits
- Risk Elimination
- Product Cost
- Product Performance
- Innovation Agility
- Time to Market
- Brand Image

WATCHOUT
- Target Maturity
- Business Value
- Package Selection
- MDM Strategy
- EBOM-MBOM alignment
- Rollout Strategy
- Multi geography
- Process Harmonization
- Standardization

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Navigating the Next with Infosys Digital PLM Practice

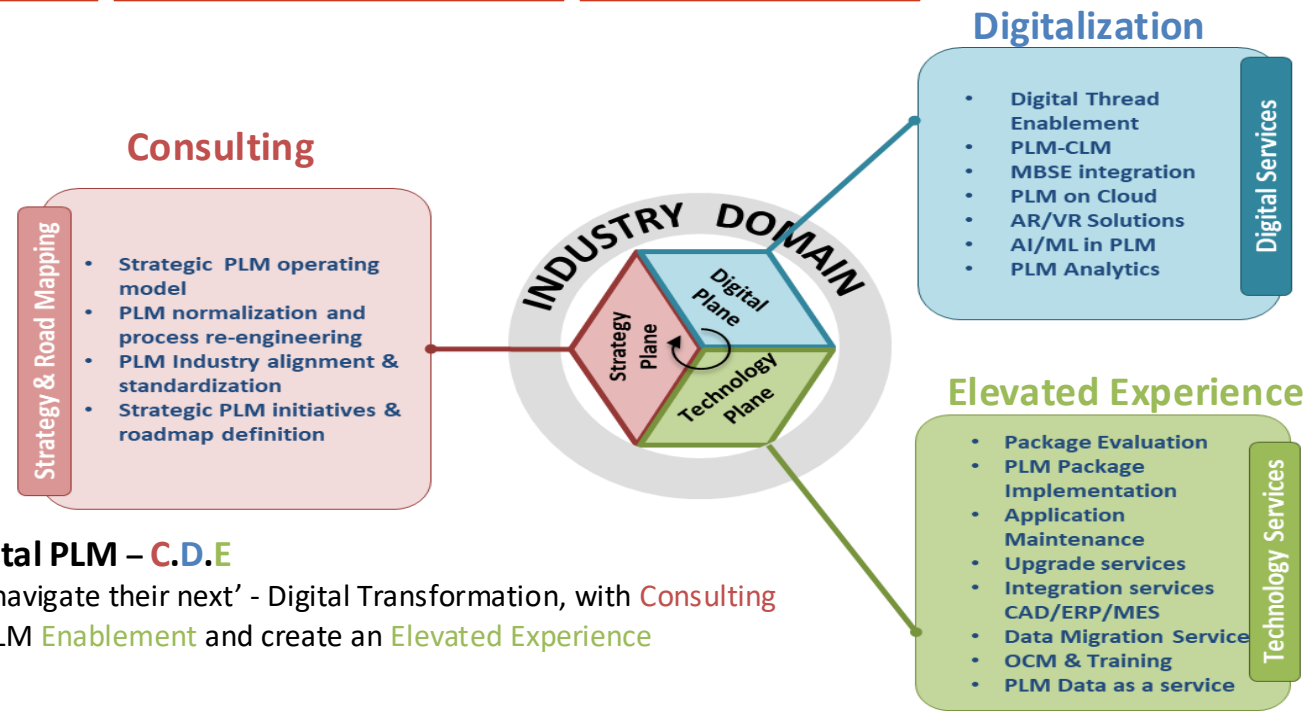| 1600+ PLM Experts COTS, Custom | 20+ years Providing Full stack PLM Services | 6 COEs PLM Academy with state-of-the-art training capabilities | 16,000+ Approved documents in the Process repository (Infosys Internal) | 80+ Global Clients – PLM | 100 + PLM successful implementations | NA/EU/APAC Clients and Experts spread globally |

Left column:
- Infosys Engineering Digital Accelerator(iEDA)
- Infosys XR Visualization Platform(iXRVP)
- Configurator Solution - CLM
- Material Compliance (Regulatory)
- Supplier Portal

Consulting

Strategy & Road Mapping
- Strategic PLM operating model
- PLM normalization and process re-engineering
- PLM Industry alignment & standardization
- Strategic PLM initiatives & roadmap definition

INDUSTRY DOMAIN
- Digital Plane
- Strategy Plane
- Technology Plane

Digitalization

Digital Services
- Digital Thread Enablement
- PLM-CLM
- MBSE integration
- PLM on Cloud
- AR/VR Solutions
- AI/ML in PLM
- PLM Analytics

Elevated Experience

Technology Services
- Package Evaluation
- PLM Package Implementation
- Application Maintenance
- Upgrade services
- Integration services CAD/ERP/MES
- Data Migration Service
- OCM & Training
- PLM Data as a service

Infosys Digital PLM – C.D.E
Help clients 'navigate their next' - Digital Transformation, with Consulting lead Digital PLM Enablement and create an Elevated Experience

Right column partners:
- Traceone
- ptc
- Siemens PLM Software / SIEMENS
- SAP
- DASSAULT SYSTEMES
- ORACLE PLM
- aras

Industry Verticals

| Aerospace | Auto | Industrial Manufacturing | Retail, CPG & Logistics | Energy & Utilities | Hitech & Semicon | Medical Devices |

Aerospace: SPIRIT AEROSYSTEMS, BOEING, AIRBUS, BOMBARDIER, BAE SYSTEMS

Auto: HARLEY-DAVIDSON MOTOR CYCLES, Autoliv, Hanon SYSTEMS, ADIENT, LUK INA FAG, SCHAEFFLER GROUP

Industrial Manufacturing: ALSTOM, CAT, Schneider Electric, ABB, EMERSON, WÄRTSILÄ, Johnson Controls, molex, thyssenkrupp, DIEBOLD

Retail, CPG & Logistics: NIKE, Pepsi, GAP, jcp, Unilever, ESTĒE LAUDER, TESCO, Kmart, KraftHeinz, Hallmark, RALPH LAUREN, Walmart, kraft foods, NORDSTROM, AVON the company for women

Energy & Utilities: bp, BAKER HUGHES, Weatherford, VALE, Schlumberger, Qinterra Technologies, RioTinto

Hitech & Semicon: AMD, TEXAS INSTRUMENTS, XILINX, CISCO

Medical Devices: Boston Scientific Delivering what's next, NBTY, Edwards, Arthrex, Hospira

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5

Backed by a Strategic Global Alliance Partnership with Trace One

Co-Innovation

- Several active collaboration areas CPG industries
- Industry leading solution that solves most of the current challenges of PLM Implementation in terms of TCO
- Comprehensive architecture that ensures maximum reuse of the investments already made by customer

Collaboration

- Teaming relationship and define the business processes that will enable to coordinate efforts to deliver innovative and effective solutions to the mutual customers.
- Deep connects that extend from Leadership teams, Sales and Delivery teams.
- Global System Integrator (SI) partners providing end to end solution future proofing the technology implementation

Infosys is a global partner of Trace One.

Systems Integrator agreement to establish a global framework to complement service offerings

Benefits

- De-risked execution model
- Pursue joint business opportunities by working together pursuant to the defined process
- Integrated value proposition, marketed by each company.

- Improved Innovation and productivity
- Process excellence throughout the lifecycle

- Rich industry and product expertise under one roof
- Seamless experience for the client

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Infosys brings the PLM digital data acceleration practice along with AI-specific solutions aligned for Trace One implementations

NextGen PLM requires risk free reliable digital product data available for faster product development

Infosys PLM Digital Acceleration provides the services that helps the organization have rich set of data available for digital engineering.

- Digital Data Accuracy
- Faster Digital Transformation
- 360 view of data connectivity
- Optimized Engineering data
- Friction free harmonized data

Digital Acceleration

Data Simulation

Data Optimization
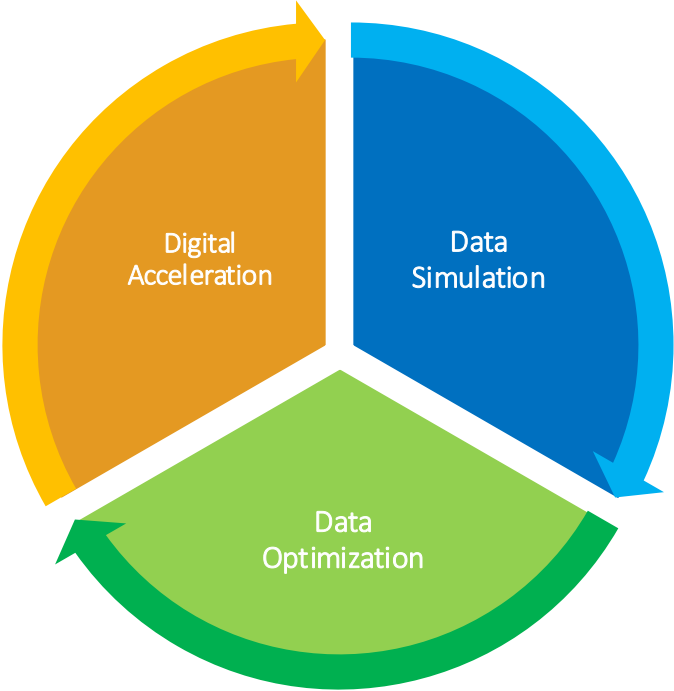
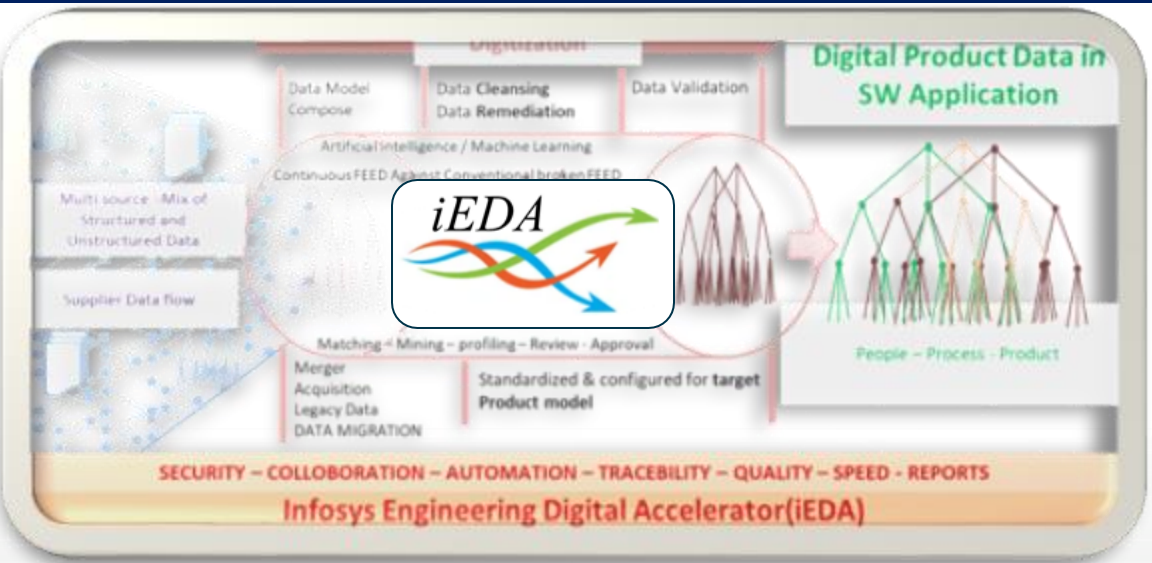| AI based Business Cases	Benefits
The Artwork Advisor	• Eliminate artwork related regulatory risk • ~80% artwork review and approval effort • ~10% improvement in time to market
Material Lab report digitization & risk assessment	• Eliminate material related regulatory risk • 80% material review and approval effort • ~10% improvement in time to market
Anomaly detection across enterprise	• Eliminate customer complaints, reworks • Eliminate project delays • Improves Brand image for superior product and services
Technical publication (Material/product Specifications), Chatbot	• Faster decision making • Direct conversation reduces the R&D authors system interaction time by ~30%
Predictive Costing in New Product Development	• ~80% reduction in iterations between Design and production team • Cost aware product design
Reducing Physical Trials	• ~50% reduction in number of physical trials to determine expiry-date • ~30% reduction in concept to market time

"Comprehensive Framework, utilities , PLM native tools, Platform based services and best practices enable Infosys to provide reliable data services beyond conventional data migration helping potential **revenue upto 30% and cost savings upto 50%"**

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Our Platform Infosys Engineering Digital Accelerator(iEDA) is configured for Trace One

Faster Digital Transformation
- Faster Digital Transformation
- Product Data Control

Leads to
iEDA

- Digital R&D/Engineering, Data Accuracy
- Time to Market
- Agile Innovation

Leveraging AI/ML and GenAI to drastically improve the productivity

IT and Business Benefits

Speed	2x
Cost	1/2
Quality	99%
Traceability	100%
Time to Market	5%
Material Savings	10%
Cost Takeout	5%

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Infosys PLM Light Viewer – Cost Effective Collaborative Specification Management System configurable for Trace One

Real-time Access to data
View the latest changes and updates instantly

Reduce cost of ownership
High reduction in TCO (avg. 30%)

Easy to use interface
Mobile ready, high availability for factory Ops

Collaborate without compromising IP
Controlled distribution of highly secured PLM data

Enhanced Communication
Streamlined communication with clear and consistent specifications available to all.

Infosys PLM Light Viewer

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As Infosys we have the track record of success driving PLM transformations

Frito Lay

| PKEVL |
| CONS |
| IMPL |
| Data |
| AMS |

- ❖ Product Commercialization Process – **Proposals 50% Faster**
- ❖ **Time to Market by improvement ~90%**
- ❖ Recall action planning **reduced by 2 weeks**

reckitt

| PKEVL |
| CONS |
| IMPL |
| Data |
| AMS |

PLM consulting, successful global design and the pilot rollout
- ❖ **Global design covers home, food, health and hygiene**
- ❖ **Solution for 41 sites, Data consolidation for pilot, eliminating factory data mismatches**

AVON

| PKEVL |
| CONS |
| IMPL |
| Data |
| AMS |

- ❖ Implemented Enovia for Product Portfolio and line plan management
- ❖ Continuous enhancement and maintenance of formulation system Product Vision

Chobani.

| CONS |
| IMPL |
| Data |

Package evaluation for PLM and implementation of SAP PLM solution
- ❖ **Integrated end-to-end product development process**
- ❖ **Data quality standards enforced**

Kraft Heinz

| Data |
| AMS |

PLM, Supply chain non-SAP applications, SAP application support based on AI platform Consulting Services, Testing
- ❖ **Migration Time and Cost reduction by ~ 30%**
- ❖ **Improved time to market by ~10%**

HERSHEY'S

| CONS |
| Data |
| AMS |

PLM consulting, support and enhancement of SAP PLM and other integrated applications.
- ❖ **Stable PLM landscape with smooth upgrade to the latest S/4HANA 2021**
- ❖ **Multi-year roadmap to bring more capabilities into SAP solutions.**

Mondelēz International

| Data |

Success acquisition of Greek food brand, Spec/Recipe data/packaging restructuring and Data curation
- ❖ **Migration Time and Cost reduction by ~ 25%**
- ❖ **Accuracy of data migration 100%**

Unilever

| AMS |
| Data |

DevOps support to multiple R&D applications including PLM.
- ❖ **Performance improvement of key transactions**
- ❖ **Resolved multiple longstanding issues**

P&G Procter&Gamble

| CONS |
| IMPL |
| Data |
| AMS |

- ❖ PLM Support and Maintenance
- ❖ **Command Center for Business Process & application monitoring**
- ❖ **Spec anywhere reduced supplier collaboration effort**

ConAgra Foods Food you love

NBTY INC.

Custom

ESTĒE LAUDER

DIAGEO

| PKEVL |

BIMBO Bakeries USA

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THANK YOU

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"PLM transformation in the shortest time by leveraging next-gen PLM technologies, Process improvement and digitalization focusing client success and ensuring their successful product operations"

Strategy

New ways of working with latest technology disruption

Realization

Propel forward by aligning organization

Expansion

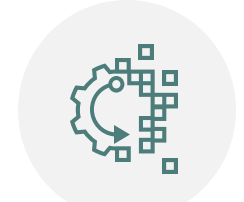*PLM for Product Innovation through continuous enhancements*

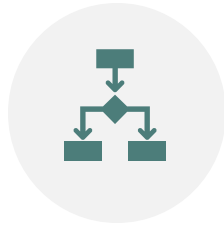# Digital Acceleration is needed for organization's next gen business transformation

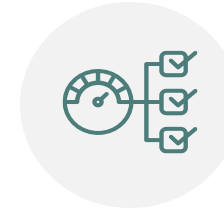**Platformization** of Data acceleration(Data factory, Scaling, Collaboration)

Configurable Data factory operating model to handle high Velocity

Digitization tools to enable Digital thread & Model based enterprise

Interoperability of data through data model harmonization

Optimization and standardization of engineering data and process(Cost takeout)

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