



Lascom
CPG



Manage Innovation Innovate Management



PRODUCT LIFECYCLE MANAGEMENT :

A unique product information repository

Improve R&D productivity

Improve product quality

Collaborate with suppliers

Manage change

Lascom CPG is a web-based Product Life Cycle Management (PLM) solution that structures, manages, and audits product information and processes.

➔ **Product Information Repository**

Manage all product information

Centrally and securely manages all the information, data, parameters, certifications, specifications, ideas, and documents associated with product development, change control, quality management, and regulatory compliance. By doing so, companies save considerable time in searching for information, make better decisions, and increase their market valuation.



➔ **Automatic Document Generation**

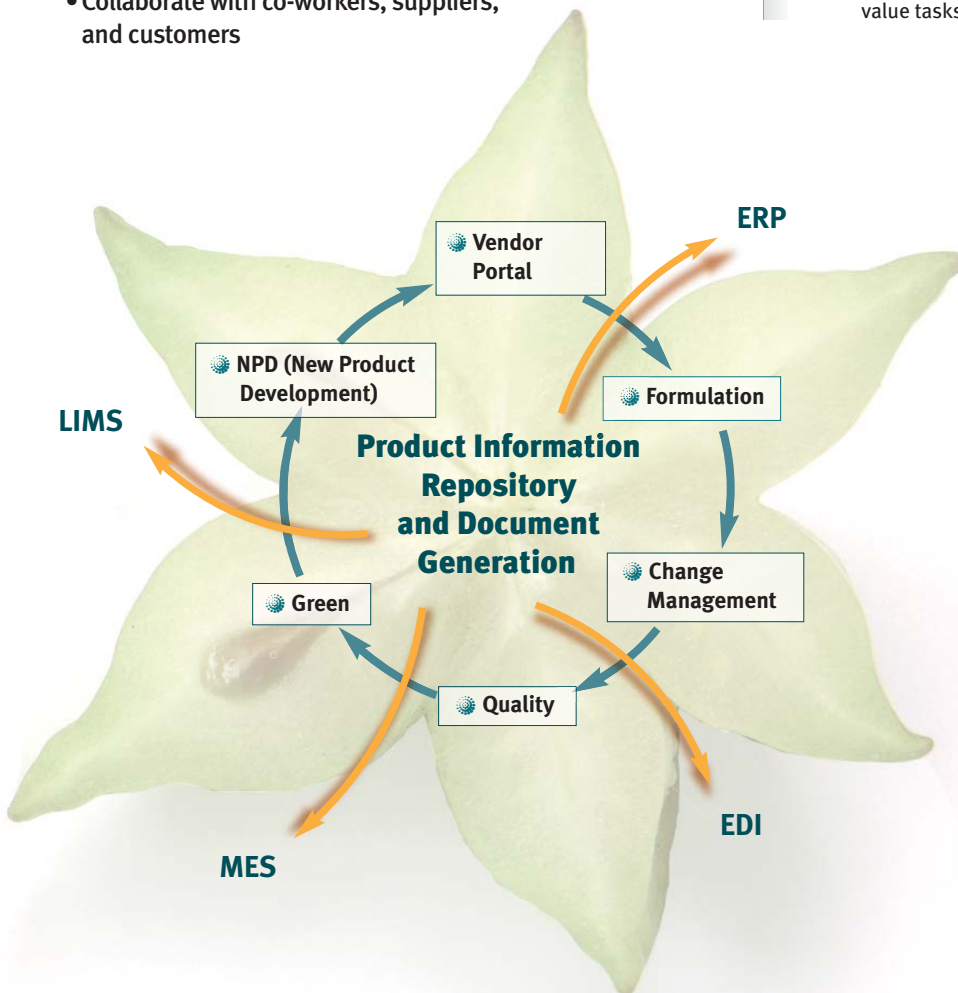
Convert data to documents automatically

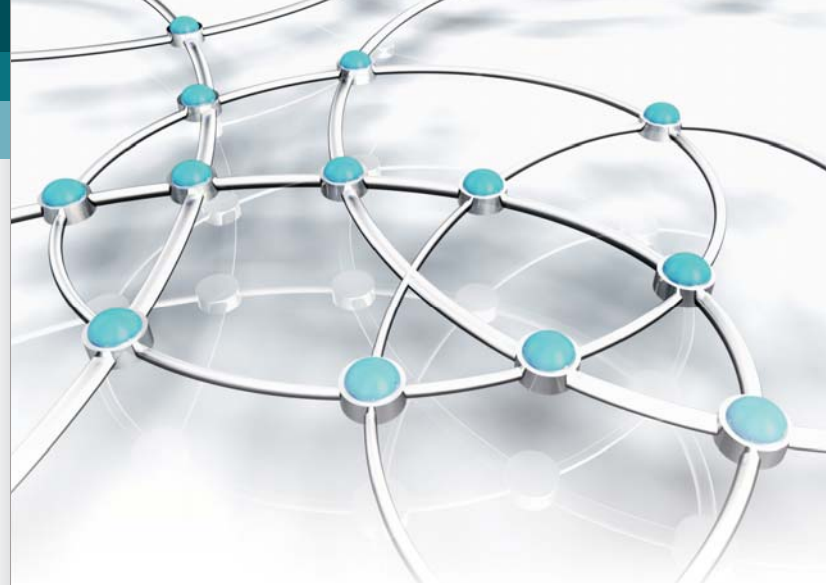
Generating Microsoft Word documents automatically from data and information contained in the CPG Product Information Repository allows companies to automate many administrative tasks. This lowers risk and allows staff to spend more time on product innovation and less on manual keying, reporting, and other lower-value tasks.



Manufacturer and Retailer Challenges

- Optimize new product launch and change processes
- Manage product knowledge that is dispersed across different departments and locations
- Reduce manual tasks associated with re-keying and distributing product information
- Manage complex formulations, regulatory requirements, and packaging specifications
- Collaborate with co-workers, suppliers, and customers





→ **Vendor Portal: Sourcing**

Collaborate with suppliers

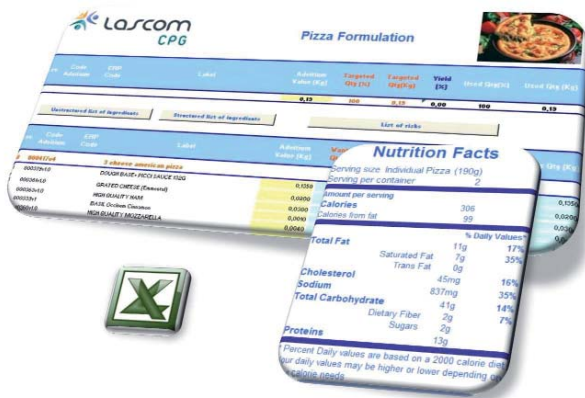
The CPG Solution enables companies to more effectively collaborate with their suppliers in order to capture ingredient specifications, request certifications, and manage tender responses. Captured information, once validated, can be directly imported into the product information repository saving time and minimizing the risk of re-keying errors. In addition, all information exchanges are automatically tracked by the system enabling the generation of management reports as well as complete audit capabilities.



→ **Formulation & Regulatory Compliance Management**

Increase R&D Productivity

Lascom CPG Formulation module allows users to create, modify, review, edit, simulate, and optimize formulations and provides full support for almost any formulation property, including chemical, physical, nutritional, allergen, cost, etc. The Formulation module is a specialized integration with Microsoft Excel, which leverages Excel's capabilities as a calculator and viewer, while all data and information is managed centrally within the CPG Solution's Product Information Repository.



→ **Change Management**

Minimize risk through effective change management

Lascom CPG Solution effectively manages change through its Change Management module which can be used to examine all impacts of any change, such as formulation, regulatory, packaging, customer specifications, costs, etc. and then develop simulated versions for validation and approval. This approach greatly enhances the visibility of change impacts, reducing costs, cycle-time, and risk.



→ **Quality Module**

Monitor and improve product quality

CPG Solution's Quality Module allows users to easily define product control plans, track and manage results, and view statistical trends through graphical dashboards. Having insight into product quality performance allows QA professionals to maintain and improve quality control methods.



→ **Green Innovation**

Calculate and manage product carbon footprint

Reporting a product's carbon footprint is an emerging global trend that provides both competitive and financial benefits. Using CPG Solution's Formulation module and an optional carbon footprint database, users can estimate a product's carbon footprint based on manufacturing, distribution, and other product components.

→ **NPD: New Product Development**

Project management for new product initiatives

With Lascom CPG's NPD module, greater management and visibility is provided across all new product initiatives. This includes the ability to monitor project activities, manage project score-carding, trigger follow-ups on deliverables, and anticipate bottlenecks or delays, enabling shorter time-to-market.



Lascom CPG Customers Include:

- Artenay sevenday
- Marie
- Brossard
- Calderys
- Lactalis
- LDC
- Novandie
- Rolland
- Sanofi Pasteur MSD
- Leclerc (Scamark)
- Yoplait
- ...

Lascom PLM Customers Include:

- Duke Energy
- Bonneville Power Administration
- Alstom Transport
- Arianespace
- NATO
- ...



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Lascom CPG: Two Solution Approaches

- Lascom CPG Standard: Pre defined data model
 - Rapid deployment
 - SaaS (Software as a Service) available
- Lascom CPG Premium: Fully customizable

Advanced Functions

Lascom CPG has advanced programming APIs and functions as well as specialized development tools for further customization:

- Application Studio: Data model management
- Workflow Studio: Business process management (routing, roles, forms design,...)
- BI Studio: Management dashboard and metrics with Microsoft Reporting Services
- Office Studio: Development tools for Microsoft Word document generation
- Connection Studio: Provides integration between Lascom CPG and other information systems (GS1, ERP, MES, LIMS,...)

Architecture and Technologies

- Simple
 - Microsoft Internet Explorer
 - Microsoft Windows XP, Vista
 - Supports all Microsoft based web architectures Windows Server (ASP / ASP .NET with Microsoft COM+ / IIS)
 - Full SOA enabled
 - SaaS deployable
- Robust
 - Supports load balancing
 - High availability
 - Supports Microsoft SQL Server or Oracle databases
- Optional:
 - Multilingual support
 - Unicode
 - Distributed document cache systems

Lascom in a few words

Lascom has built its global success on developing and deploying comprehensive software solutions and services that manage the complex business processes and information associated with document, product, project, and configuration management. These advanced solutions address the unique need of the following critical business activities:

- Consumer product manufacturing and retailing
- Industrial engineering and construction
- Discrete, process, and complex manufacturing



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