FOOD & BEVERAGE

PRODUCT LIFECYCLE MANAGEMENT MADE SIMPLE

Lascom

What is PLM?

Product Lifecycle Management software (PLM) syndicates products development content and streamlines business processes throughout the lifecycles, from idea generation to end of life.

PLM is a key element to:

✓ Accelerate innovation and time-to-market

✓ Ease compliance

✓ Improve communication/collaboration across business

✓ Facilitate data management and increase efficiency

Lascom

PLM EDITOR

EXPERT SINCE 1989

MORE THAN 80 000 USERS

IN 30+ COUNTRIES

Campbell's

"

Our goal of a single, reliable, and secure source of product information that we can all tap into has been achieved. We're very happy with the support we received from Lascom to make this project a success.
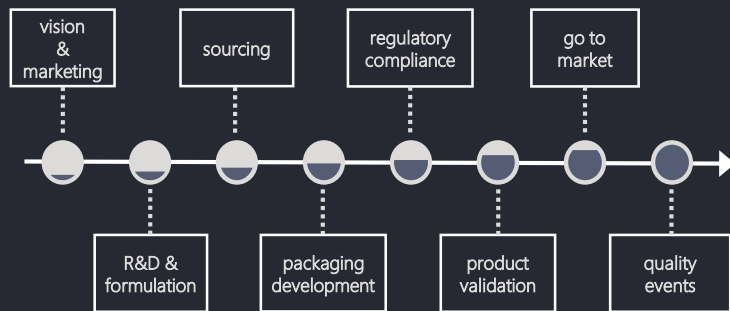
"

Raj Gandhi,
Operations Accounting
at **Bolthouse – Campbell Soup Company**

SPEED UP PRODUCT'S LIFECYCLE

A BACKBONE FOR YOUR ENTIRE PRODUCT'S LIFECYCLE

Specifically designed for the Food and Beverage industry, Lascom CPG supports businesses in every step of a product development by offering:

- First-class functionalities encompassing every business process
- Built-in support for international operations
- Solution based on food and beverage practices

vision & marketing — sourcing — regulatory compliance — go to market

R&D & formulation — packaging development — product validation — quality events

HOW ?

Managing an ever-increasing volume of information in less time and with fewer resources represents the current challenge for businesses. The ideal cost-effective solution is a Product Lifecycle Management system (PLM). The PLM orchestrates workflows and keeps track of different docs/data from partners, (i.e. customers, suppliers and subcontractors) throughout the development of a product/project.

WHY LASCOM ?

Most PLM solutions are too complex, unwieldy, and unsuitable for food and beverage companies; whereas Lascom CPG has a different approach. Through its immersive knowledge of the Food and Beverage industry, the company has developed a **holistic, consistent and cost-effective solution**. Besides, Lascom CPG was designed to showcase your products and brand in a user-friendly environment, simple and pleasant to work with. The solution is modular and scalable, to cover each business department in different deployment phases.

Lascom, expert in its field, offers **speed and agility**, enabling businesses to be more competitive in your marketplace.

A COMPREHENSIVE SET OF MODULES TO DRIVE INNOVATION

⚙ ESSENTIAL module - master data management

BUSINESS
- portfolio management
- marketing brief assistant
- NPD process
- packaging development
- artwork collaboration

R&D
- formulation
- change management
- mass replacement
- USDA, CIQUAL databases
- specifications generation
- claims

PROCUREMENT
- supplier portal
- RFP/RFQ portal
- product specification
- packaging specification
- certificate renewal

QUALITY
- audit
- analysis
- non-conformity
- complaint
- audit trail

COMPLIANCE
- labelling
- document generation
- claims management
- certification

YOUR PRODUCT MASTER DATA & DOCUMENTS BACKBONE

SINGLE VERSION OF THE TRUTH

Centralize and organize all the product portfolio in a unique knowledge base (repository), with version control and full audit trail. Any product information is structured and easy to re-use for authorized users.

GENERATE SPECIFICATION

Design, customize and automate your datasheet's publication in a consistent way. Your templates, product specifications and pictures are merged to automatically published quality regulatory and marketing documents.

CONTINUITY FROM COMPONENTS TO PRODUCTS AND PACKAGING

Structuration of the knowledge base will prevent multiple rekeying and disruptions.
Bulk specifications are processed by the formulation tool and directly merged into the final product specifications and packaging quality content.
Lascom CPG helps your business to be holistically consistent.
Searching components, creating new products and tracking changes has never been easier.

MANAGE DOCUMENTS AND DATA

ELECTRONIC DOCUMENT MANAGEMENT
Electronically manage documents and data, from internal and external sources, within a unique knowledge base.
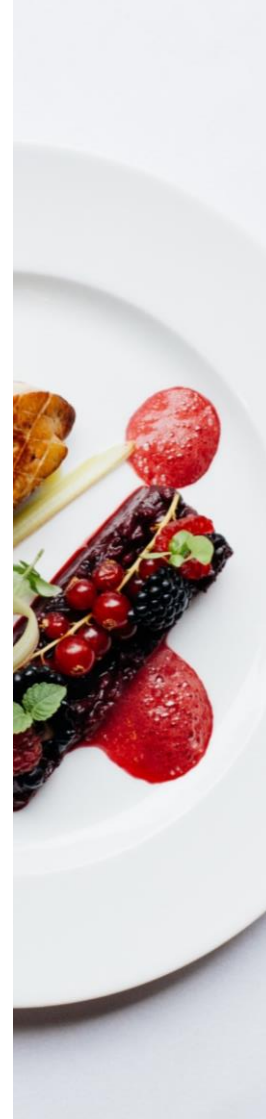Easily gather, consolidate and convey key information to authorized users.

VERSION CONTROL
Previous versions of documents and product data set can be quickly retrieved. Moreover, a full audit trail (inspired by 21CFRPart11) and version comparison with gap analysis will ease your change request.

AUTOMATICALLY GENERATE DOCUMENTS
Retrieve any information from the repository to automatically generate documents, in Word or PDF, using pre-defined templates.
Any document can be created, such as specification sheets, SDS (regulation 1907/2006), sales pitch, regulatory cover page, suppliers' submissions, etc.

STREAMLINE
PRODUCT DEVELOPMENT

CROSS-COMPANY BUSINESS PROCESSES

Lascom CPG software orchestrates product launch activities, from Marketing, R&D, Procurement, Manufacturing, Quality to Regulatory, within one coherent environment. The capability to execute the various NPD (New Product Development) related stage gates and workflows will boost collaboration across your organization.

Lascom CPG is a **powerful workflow software** coupled with **advanced project management tools** that orchestrates your business processes, providing easy-to-use reporting. It allows our customers to drill down into business intelligence. They gain real-time control and visibility over activities. They also experience faster decision making through project portfolio management and scorecarding.

COLLECTIVE INTELLIGENCE

Lascom CPG creates a collaborative infrastructure with tasks assignments, alerts, automated Gantt Chart, retro planning and project team supervision. Save time and reduce errors by eliminating re-keying and using relevant data.

CONTROL PROCESSES FOR SHORTER TIME TO MARKET

Simplify and speed up projects' creation using templates to instantiate resources' role, duration, expected content to deliver, and triggers.

MANAGE
PACKAGING DEVELOPMENT

CENTRALIZE PACKAGING SPECIFICATIONS

Capture all packaging specifications and requirements (e.g.: material dimensions, physical properties, pantone colors, varnish, emboss/deboss, etc.) and their associated documents.

This collaborative platform enables companies to work as an integrated team from brand owner and agencies, to content reviewers and printers, thus improving communication and efficiency.

OPTIMIZE THE GRAPHIC CHAIN

Optimize the graphic chain process by efficiently managing the flows of information and artwork-related data (shooting pictures, visuals, printing layers, color choices, etc.). This graphic chain tool facilitates review and validation of graphic files.

DIGITAL MARKUP & REVIEW

Access and approve documents using Lascom integrated viewer, which includes features such as: unlimited zoom, color channel selection, color measurement, layer selection, mark-up, etc. Annotate files to facilitate collaboration – all comments are recorded during the whole development process and through versioning.

VERSION COMPARISON

Track any changes between different versions using the visual comparison mode. This tool allows comparisons of two, side-by-side or superimposed, files by highlighting any differences (colors, texts, font sizes, etc.).

ACCELERATE
PRODUCT INNOVATION

EASY RECIPE FORMULATION

Create new formulae either from scratch or from existing ones. The user-friendly platform enables the R&D teams to create, modify, review, edit and update formulae. Simply **simulate recipes** until final product validation.

With this formulation management solution, calculate costs and nutrition, and preview product allergens in **real time**.

In addition, you can now screen health claims, business claims (vegan, gluten free, kosher, organic, etc.) and monitor your product compliance with multiple jurisdictions.

This tool helps **facilitate R&D** Time to Cost in conjunction with formulation including yield, loss, packaging, raw material and manufacturing costs.

COSTS SIMULATION

Optimize product's composition and meet financial constraints with real-time product costs calculation.

R&D EFFICIENCY
TO OPTIMIZE VALUE

MASS REPLACEMENT

Change management of a component used in different products, such as a raw material, product's documentation, suppliers' arbitration and packaging, can be complicated and cumbersome. With Lascom CPG R&D module:

- Easily identify products impacted by a mass replacement
- Assess and manage the different impacts on products
- Quickly execute mass replacement

PRODUCT VERSIONING & BASELINE

All recipe management software can provide version, but Lascom CPG baselines your products per date, version and lifecycle status. From the history tab, version and baseline can be compared, accessed and reused at any time.

USDA AND CIQUAL DATABASES

Through the formulation tool, R&D teams have access to the USDA and CIQUAL libraries. Based on those libraries,, use the most up-to-date nutritional composition of foods to create recipes and assess impacts on final nutrition facts.

MANAGE
PRODUCT SPECIFICATIONS AND RFP

MANAGE REQUEST FOR PROPOSAL (RFP) PROCESS

Screening suppliers according to your technical requirements has never been easier through the RFP portal. The collaborative platform is designed to be intuitive for every participating supplier. Your RFP will be orchestrated via interactive workflows, and the intelligence feature will generate scorecarding on their responses to compare, suggest to rework their position, and support your decision on final cut.

AGILITY AND LEADTIME REDUCTION

Agility is more than being responsive. Lascom CPG is the perfect platform to generate a good practice momentum in your suppliers' community. For instance, your vendors will be able to submit updates or change requests, in the product specifications they supply, on their own initiative. Certificate renewal requests are notified on anniversary base to the vendors.

CONTRACT MANAGEMENT

With Lascom CPG, reduce the risks associated with customer contract management throughout a product lifecycle. Centralize and keep up-to-date contracts requirements such as clauses, alerts, schedules, tasks.

SRM :
SUPPLIERS OUTREACH

SUPPLIER RELATIONSHIP MANAGEMENT

One key factor of a company's success is an effective flow of information with your partners. Lascom CPG makes this collaboration easier than ever via its **web-based supplier portal**, ensuring a **fast and secure** environment. Now you can collect your suppliers specifications and documents online and review their proposal in a collaborative way. Therefore, all partners can become an integrated active asset of the company.

REDUCE COST AND REINFORCE ACCOUNTABILITY

On average, companies spend 10 hours per item per year in updating product information - from ingredients datasheet to packaging. **Lascom CPG cuts 90% off this administrative cost (paperwork)** and increases suppliers' accountability through its portal:
Suppliers are in charge to populate raw material's specifications and maintain their accuracy.

SPECIFICATION CONTINUITY FROM SUPPLIER TO CUSTOMER

Gather product specifications and packaging information from suppliers. Once captured, the supplier portal will help to pinpoint delays on updates and certificates renewal. This will be a faster way to screen and select suppliers, and shorten your cross-departmental approval.

CONTROL
PRODUCT QUALITY

MANAGE SAFETY ALERTS AND CUSTOMER CLAIMS

Quickly react to safety alerts and customer claims with the quality module. Follow pre-defined workflows to record, analyze and scorecard those alerts and claims. If necessary, establish an action plan to address those issues.

Through the impact analysis, track and gather data impacted by these events.

AUDIT MANAGEMENT

Syndicate data and quality audits into a single knowledge base. Quality dashboards are now fed with each individual record and support your call to action.

Lascom CPG's audit trail feature is inspired by 21CFRPart11 regulation and provides continuous traces on change performed on any record.

Driving the procedure is equally simple with pre-defined workflows to track for example recall, non conformity escalation etc. You can expect to have now a full visibility on quality practices and be more proactive to prevent next product generation issues.

ENSURE CONTROL FLOW
AND TRACEABILTY

EFFECTIVE QUALITY CONTROL

Set up all necessary quality control plans to allow timely product launch and maintain high level of quality.
Results are available in dashboards providing a better overview and understanding of product quality within the company.

GOOD MANUFACTURING PRACTICES (GMP)

Lascom CPG is designed to enable manufacturing facilities in the Food, Beverage, Dietary Supplements, OTC Drug, and Cosmetics industries to be compliant with industrial standard regulations as well as with the new U.S. FDA Food Modernization Act (FSMA). It is now very simple to create SOP (standard Operations Procedures) and allocate them to manufacturing process stages.

DOCUMENT MANAGEMENT AND ELECTRONIC SIGNATURE

These requirements are aligned with the policies and objectives of the site and include those of the Quality - IS0 9001:2008

ENFORCE COMPLIANCE

FOLLOW REGULATIONS SPECIFIC TO EACH COUNTRY

The compliance module helps businesses **meet country-specific regulations**, such as packaging and labeling requirements, and control of prohibited or regulated ingredients.

Information is retrieved and consolidated from the unique repository to generate documents (e.g.: Safety Data Sheet) that follows regulations specific to each country.

Lascom CPG compliance module is adaptable to every market and allows companies to be **up-to-date with new food & beverage regulations**.

HEALTH AND NUTRIENT CONTENT CLAIMS

Based on final product's nutritional values, automatically screen nutrient content claims, such as low fat, high in fiber, and good source of calcium, in accordance with regulated thresholds of each targeted markets.

PACKAGING DATA AND LABELING

FOOD ADDITIVE THRESHOLDS

Certain food additives are prohibited or cannot exceed predetermined thresholds (FD&C Act sections 401 & 409), which requires important controls during product development. The compliance module, coupled with the formulation tool, automatically calculates each food additive's level to ensure requirements are met.

FDA AND INCO LABELING TOOL

Automatically generate ingredient statements and nutrition facts that comply with INCO, FDA and many other countries labeling regulations.

These data are calculated based on each product's recipe ensuring quality and reliability, while being easy to update.

WHAT ARE THE BENEFITS OF LASCOM CPG ?

SPEED UP TIME-TO-MARKET

✓ Prioritize innovations and ease decision-making

✓ Centralize and share key information

✓ Single version of the truth thanks to a unique repository

INCREASE PRODUCTIVITY

✓ Marketing, R&D and compliance activities premium dedicated tools

✓ Facilitate document authoring with Lascom CPG connector with Microsoft Office TM

✓ Automate document generation in multiple languages

SCREEN RISKS

✓ Quickly comply with regulations

✓ Precisely control product compliance

✓ Quickly respond to sanitary alerts and customer complaints

LASCOM'S TECHNOLOGIES

- Web-based and multilingual

- Secure portal to enhance collaboration

- Automation and optimization of business processes

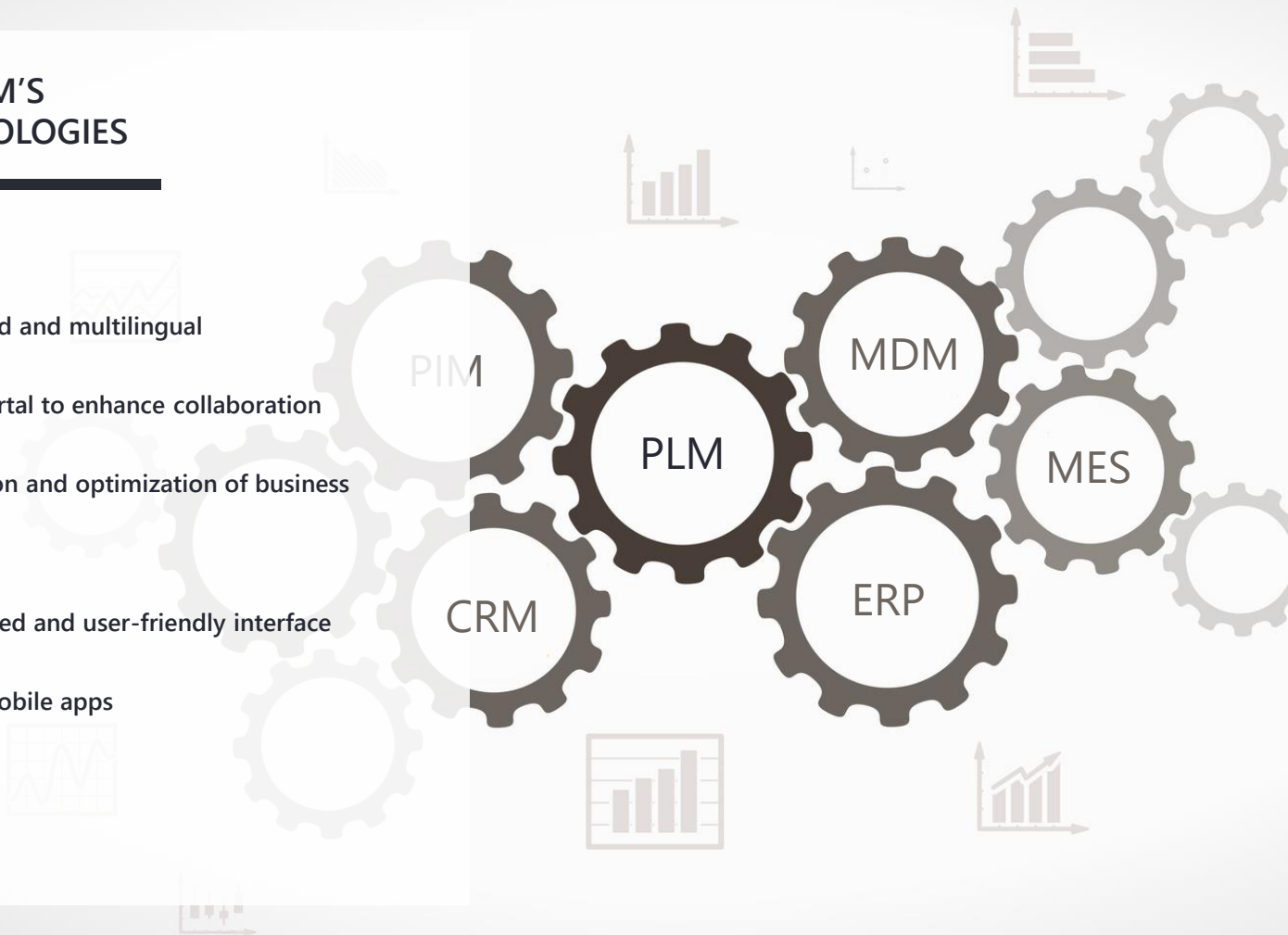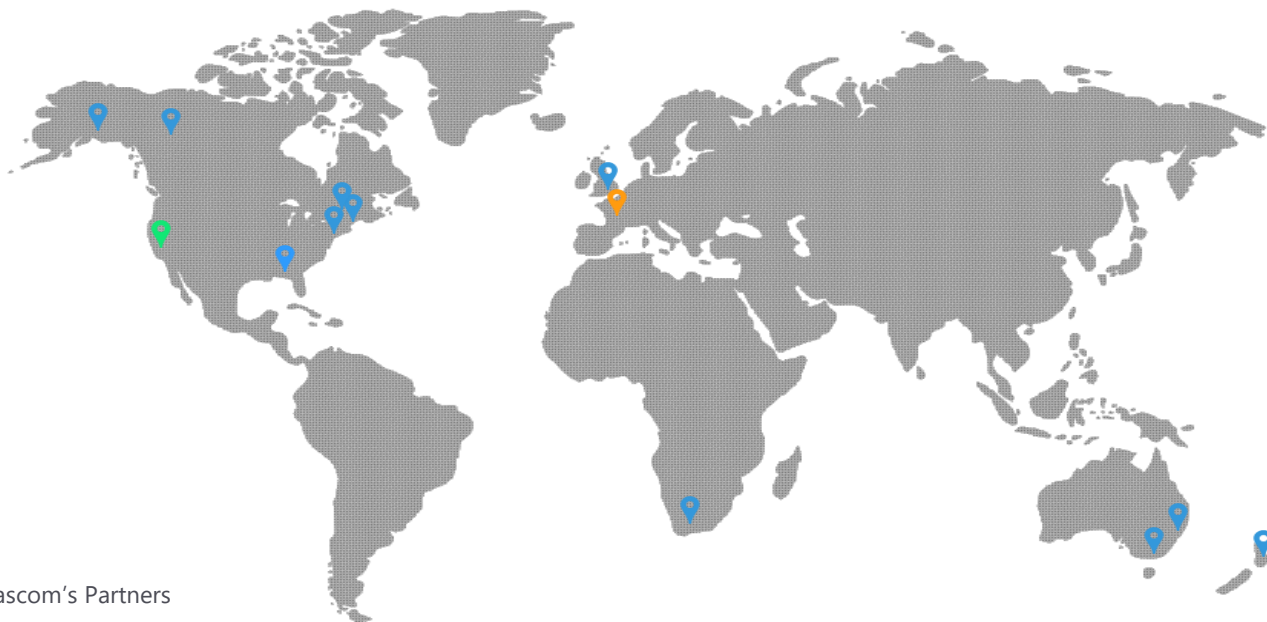- Personalized and user-friendly interface

- Lascom mobile apps

LASCOM IN THE WORLD

- 📍 Lascom's Partners
- 📍 Lascom Headquarters - Paris
- 📍 Lascom Solutions Headquarters - San Diego

Lascom

Trust in change